

# Avenir

## Systems Furniture

## Specification Guide

### Availability



**Electronic price list updated** with release 192.A (U.S.) and 152.A (Canada), dated April 19, 2021.

All specifications subject to change without notice. Reference the electronic catalog/Hedberg for current pricing.

Spec News is available on [village.steelcase.com](http://village.steelcase.com). Search Steelcase Marketing Resources (Adstock) and download the current release's Spec News.

*Tip: Steelcase Marketing Resources is a new global platform for ordering Steelcase marketing materials that replaces Adstock.*

View or download Steelcase Specification Guides at [https://www.steelcase.com/resources/documents?tax-\[doctype\]=spec-guide](https://www.steelcase.com/resources/documents?tax-[doctype]=spec-guide).

Transitional products in this specification guide are **main-tained for existing customers only** and are likely to be phased out over time. These products are indicated with a . Products that are scheduled to be culled are indicated with an , followed by the last order entry date.

### Surface Materials

**The surface materials team** has announced the launch of the Finish Library, found at <http://finishlibrary.steelcase.com>.

► For a list of all trademarks, refer to the last page of this specification guide.  
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### For Canadian Pricing

Canadian factor can be found at [www.steelcase.com/CADpricing](http://www.steelcase.com/CADpricing). Calculate in the following order to avoid rounding errors:

- Multiply the base price and each option by the Canadian factor.
- Round each to the nearest dollar.
- Add base and options for total list price.

### Working With This Specification Guide

Ten Tips: How to Get the Most Out of This Book	2
Things to Know About Avenir	4
Additional Resources	6
Related Products	7

### Understanding

Panels	9
Worksurfaces and Related Products	63
Storage	123
Lighting	161
Wiring and Cabling	173

### Specifying

Specifying Tips	196
Panels	199
Worksurfaces and Related Products	237
Storage	291
Lighting	325

### Surface Materials 335

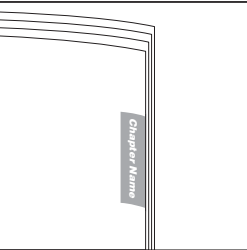
### Resources

Lock and Keying	360
Style Number Index	362

**This specification guide contains multiple Steelcase product lines** which are designed into one specification guide for your convenience. Note that each product may be subject to different pricing terms and conditions.

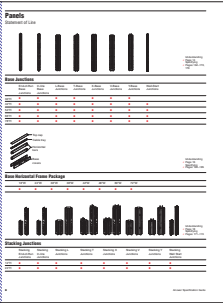
# Ten Tips: How to Get the Most Out of This Book

## Tip 1



**Watch** the tabs on the right-hand edges of the pages. They'll always indicate which chapter you are in.

## Tip 2



**Use the Statement of Line pages** for an overview of the available components, their sizes, and page references for additional information. Each *Understanding* chapter includes a statement of line after the table of contents.

## Tip 3



**Find cross references** by looking for page numbers flagged with an arrow.

## Tip 4

**Study the product detail pages** in the *Understanding* section to learn everything an expert knows about specific products. Each product detail page in this section contains the following features, where applicable:

- Product Drawing
- Actual Dimensions
- Product Details
- Connections
- Wiring and Cabling
- Surface Materials
- Application Topics

### Product Drawing

shows you what the product looks like and points out important features.

### Product Details

gives specific information on the product and how it is used.

### Connections

describes how the product is assembled or how it attaches to another product.

**Base Junctions—Thin Trim**

**Product Details**

**Connections**

**Surface Materials**

**Actual Dimensions**

**Wiring and Cabling**

**Surface Materials**

### Tip 5

**Refer to the specifying pages** for all the information needed to order a product. Each product specifying page contains a variety of elements to help you complete a specification:

- Product Drawing
- Standard Includes
- Required to Specify
- Options
- Related Products
- Specification Information
  - Dimensions
  - Style Number
  - Price

### Standard Includes

**Standard Includes**  
(under the red or dark grey band) provides a list of what comes standard with the product.

### Required to Specify

(under the red or dark grey band) itemizes the information that you must provide to order the standard product and the preferred sequence for specification.

### Specification Information

(under the teal or light grey band) provides product dimensions, style numbers, and prices for the standard product and any surface material choices that are available.

**Product Drawing**  
shows you what the  
product looks like

[illegible]

## Options

(under the black band) lists all the options that apply to the product, their price, and what is required to specify.

## Related Products

provide specification information for products that are directly related.

### Tip 6

### Required to Specify

Specify with Customiz Stain

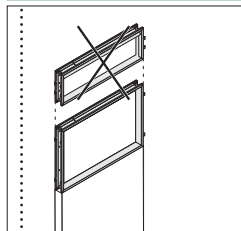
### Tip 7

- **To determine** how many
- skins are needed to com-
- plete a panel, consult the
- table at the right.

*Tip: Remember to order skins for both sides of the panel buildup.*

**Watch for tips** throughout the text that give you explanations and helpful instructions.

### Tip 8



**Learn what you cannot do** by looking for drawings crossed out with an “X.”

**Tip 9**

**Use the surface materials listings** in the Surface Materials section of this book to find surface material color numbers.

### Tip 10

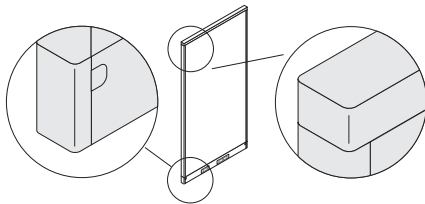
Style Number	Page
<b>TS7042BL</b>	131
<b>TS7042S</b>	130
<b>TS7048BL</b>	131
<b>TS7048S</b>	130
<b>TS7060BL</b>	131
<b>TS7060S</b>	130
<b>TS7072BL</b>	131

**Refer to the style number index** when you know a style number and you need to find the page that has more details about the product.

# Things to Know About Avenir

## Panels

**Panels** are available to define spaces and create privacy for individuals and teams. Panels can be used to support shelves and storage bins and worksurfaces. Or worksurfaces can be freestanding.

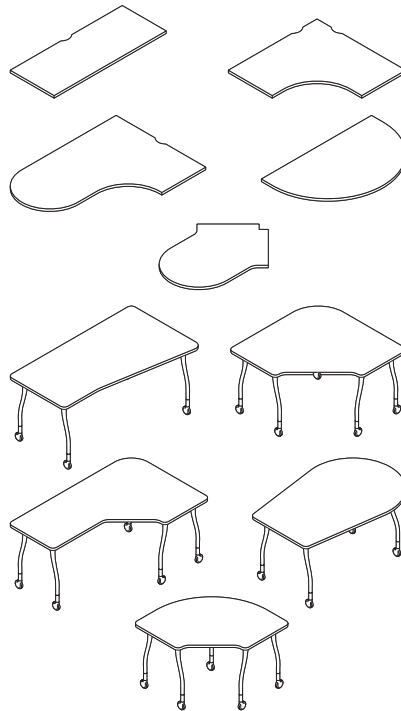


**Tackable acoustical panels** comprise a steel frame and acoustical surfaces attached to each side.

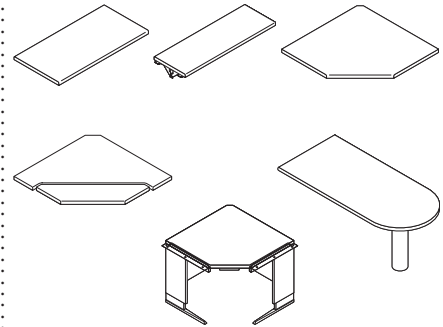
## Worksurfaces

**Worksurfaces** are available in four types:

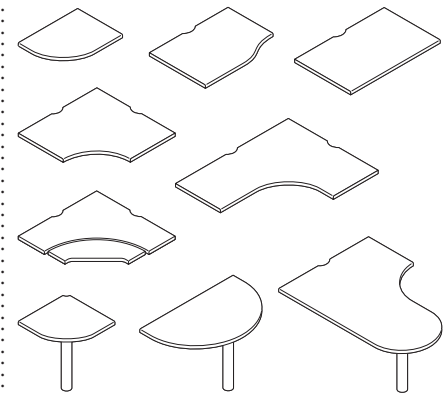
- Avenir Universal worksurfaces
- Avenir 1½"-thick panel-supported worksurfaces
- Curvilinear worksurfaces



**Avenir Universal worksurfaces** are available in a broad range of shapes, including panel-hung and freestanding. Avenir Universal worksurfaces have a wood core and a laminate surface.



**Avenir 1½"-thick worksurfaces** are available in a broad range of shapes. Avenir 1½" Thick worksurfaces have a wood core and a wood or laminate surface.

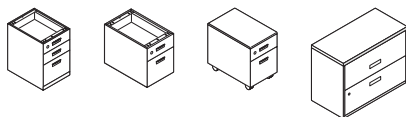


**Curvilinear worksurfaces** are available to allow a broader range of workstation layouts. The worksurfaces have a wood core with a laminate surface.



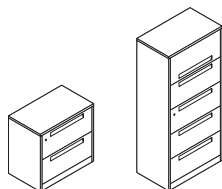
## Storage

**Storage with Avenir-style pulls** includes fixed pedestals and lateral files.



**(800 Series lateral files)**

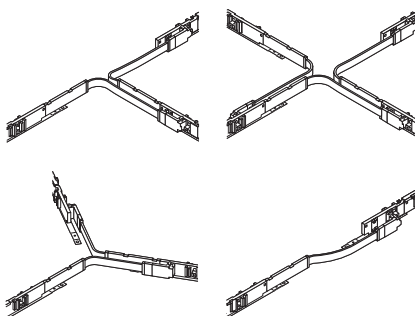
**Storage with 200 Series pulls** includes a broad array of choices, including fixed pedestals, worksurface-supported pedestals, mobile pedestals, and 200 Series lateral files.



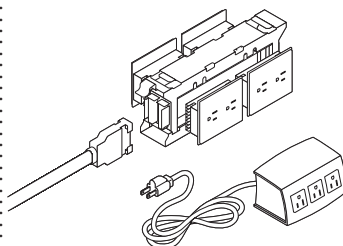
**(TS 200 Series lateral files)**

## Wiring and Cabling

**Power distribution systems** can be built using powerways in Avenir.



**Powerways** can be used to build power distribution networks within the bases of Avenir panels. A full range of components are available to allow power networks to go wherever there are panels and to provide access where the user needs it.



**Internode components** can be used to build power distribution networks and data/voice networks. These components attach above and below Avenir worksurfaces. Internode components cannot connect to Avenir powerways.

# Additional Resources

**Avenir** is supported with an array of informational materials, tools, and software to help you plan an installation efficiently.

**Product brochures and planning tools** can be ordered through your Steelcase area office by calling 1.800.784.0358 or through the Marketing Resources web site at [village.steelcase.com](http://village.steelcase.com).

## Product Brochures

### Avenir

This brochure is designed to give you a general overview of Avenir, and ways to renew and refresh Avenir with Universal Storage and Universal Worksurfaces.

*Form number 05-0000976*

## Planning Tools

### Quick Ship Guide

This handbook describes all Steelcase, Turnstone, and Coalesse products that are available for Rapid2 (ships in 2 days), Rapid5 (ships in 5-7 days), or Coalesse Rapid10 (ships in 10 days).

## Printed Materials

### Surface Materials Reference Manual

This publication provides:

- An explanation of the surface materials
- "Available on" matrices
- Vertical surface fabric and seating upholstery selection listing
- Technical data for surface materials
- Surface material care and cleaning instructions

## Computer Tools

### Electronic Catalog

Accurate sales quotations and purchase orders for Steelcase products are created with specification software that uses Steelcase Electronic Catalog data. Use the data to specify and price style numbers and options for every Steelcase product. The data is updated bimonthly by Steelcase and provided to software programs including: the Hedberg Business System, SmartTools—Steelcase's design and specification software (for more information on SmartTools, please email [SmartTools@steelcase.com](mailto:SmartTools@steelcase.com)), the ProjectMatrix ProjectSymbols libraries, as well as 20-20 CAP Studio.

### Furniture Symbol Graphic Data

Steelcase creates 2D and 3D furniture symbols (with attributes) for planning and initially specifying Steelcase products. This data is incorporated into several add-on software packages that work in either a Microstation or an AutoCAD drafting environment.

For more information about these and other software tools to help you plan effective work environments, please email [fsl@steelcase.com](mailto:fsl@steelcase.com).

### Digital Publications

You can access these digital publications at [www.steelcase.com](http://www.steelcase.com) or [village.steelcase.com](http://village.steelcase.com).

## Product Comparison CD

This interactive tool is filled with basic product information and comprehensive data detailing how Steelcase and competitors position their products, enabling you to compare Steelcase products to the competition. Invaluable in helping to prepare bids, proposals, and presentations. *Form number S10847*

### Avenir Product Training

Basic training for Avenir is available as part of the Building Product Muscle (BPM) curriculum on the Steelcase University Web site at [village.steelcase.com](http://village.steelcase.com).

The Avenir BPM is a self-paced, printable module designed to build knowledge of the Avenir's positioning, statement of line, features and benefits, competitive products, application, and sales presentation for Steelcase and dealer salespeople. The Avenir BPM is course SAL119.

### Installation Training

is available for salespeople. This Avenir sales-focused product training gives hands-on learning opportunities on how products work and how to present features and benefits. The course code is SAL 133.

### Enhancing Your Avenir Environments CD-ROM

This interactive CD tool helps customers leverage their existing Avenir products. *Form number 04-0012964*

## Support

### Steelcase Capabilities

Steelcase products are distributed, installed, and serviced through a network of more than 600 dealers worldwide. Steelcase is also represented with offices and corporate showrooms in 26 U.S. cities, 4 Canadian cities, and in France, Germany, Great Britain, and Japan. Every Steelcase product meets our exceptionally high standards of quality and durability and comes with the Steelcase assurance of excellence in service.

**For ordering or product assistance,** please call your local dealer, the Steelcase Solutions Resource Team, or the Steelcase Solutions Fulfillment Team at 1.888.STEELCASE (1.888.783.3522) or send an e-mail to [lineone@steelcase.com](mailto:lineone@steelcase.com).

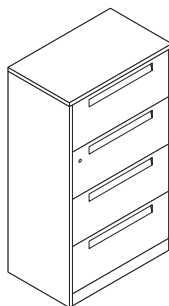
Call the Steelcase Solutions Resource Team prior to placing an order, when working on a bid, or when you need information about product applications and specifications.

Call the Steelcase Solutions Fulfillment Team if you have submitted an order to Steelcase and you need to speak to your Solutions Fulfillment Team Representative about the order. Also call if you have any post-shipment quality or warranty concerns or service parts questions.

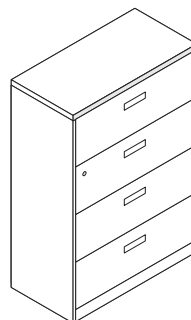
Outside the U.S.A., Canada, Mexico, Puerto Rico, and the U.S. Virgin Islands, call 1.616.247.2500.

For information about Steelcase, the name of your nearest Steelcase dealer, or for product literature, call 1.800.333.9939, or visit our Web site: [steelcase.com](http://steelcase.com).

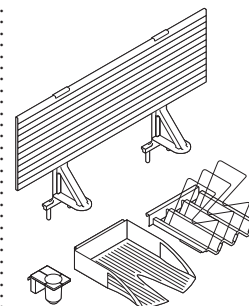
Steelcase and other manufacturers produce products that are ideal to use with Avenir. Some of them are listed here along with details about how to get product literature.



**TS 200 Series storage products** are equipped with pulls that match Avenir 200 Series drawer pulls.  
► See *Storage Specification Guide*

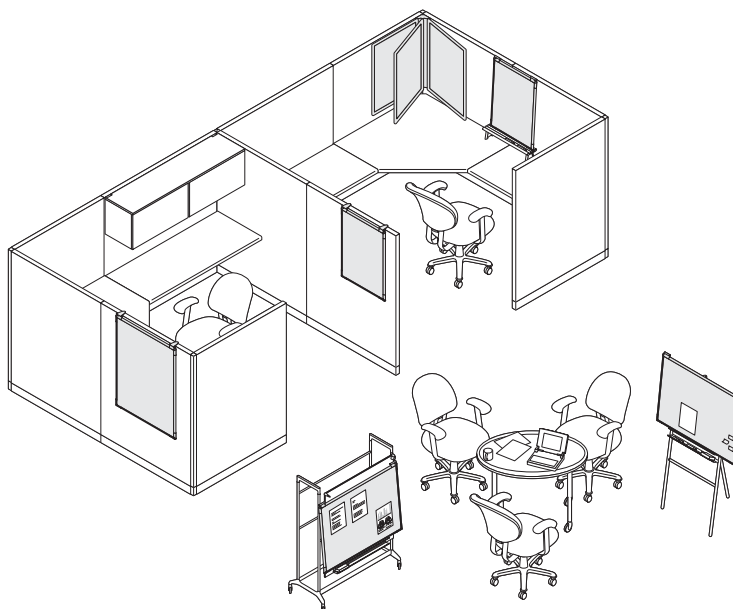


**800 Series lateral files** are available with Avenir-style pulls. The Avenir-style pull is not identical to the actual Avenir pull; it is flush and does not have the radius lip on the top edge of the pull so it will allow the receding door to go back into the file.  
► See *Storage Specification Guide*



**Steelcase worktools** include a full line of ergonomically designed products that enhances and improves the work setting. Product platforms include computer support tools, organizational worktools, and personal lighting.  
► For additional information refer to *Steelcase Worktools Specification Guide*.

**Huddleboard products** were designed to complement the ways you work, individually or as a group. Huddleboard markerboards and photo album can be used either horizontally or vertically. These ultra-light boards attach to a panel, panel-mounted worktool rail, or can be used with any of the Huddleboard support tools. Huddleboard products offer new ways to manage your information by supporting the capture, transfer, and display of individual or group information.  
► See *Meeting Spaces Specification Guide*.





# Understanding Panels

<b>Statement of Line</b>	<b>10</b>
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## Product Details

Tackable Acoustical Panels	12
Transparent Panels	16
Half-Glass, Half-Fabric Transparent Panels	18
Panel Stackers	20
Panel Door with Frame	22

## Related Products

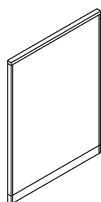
Top Caps	24
Panel Connectors	25
Change-of-Height Panel Connectors	31
Filler Packages	32
End-of-Run Fillers	34
Panel Bracket Packages	36
Panel Accessories	38
Base Power-Ins	40
2" x 2" Power Poles and Cable Poles	41
2" x 6" Power Poles and Cable Poles	42
18"W and 24"W Powerways	44
30"W to 60"W Powerways	46
Base Covers and Receptacles	48

## Application Topics

Receptacle Locations	50
Panel Creep	51
How Panel-Supported Components Fit	52
Solutions to Overhead Storage Problems Caused by PAB2 Brackets	53
How Connectors Affect Panel-Supported Components	56
How Connectors Affect Power Flow	57
Rules for Panel Stability	58
Rules for Panel Stacker Stability	60
Rules for Panel Stability with Components	61

# Statement of Line

## Panels



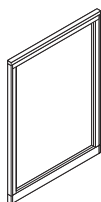
Understanding  
 ▶ Page 12  
 Specifying  
 ▶ Page 202

### Tackable Acoustical

	18 <sup>5</sup> / <sub>16</sub> "W	24 <sup>5</sup> / <sub>16</sub> "W	30 <sup>5</sup> / <sub>16</sub> "W	36 <sup>5</sup> / <sub>16</sub> "W	42 <sup>5</sup> / <sub>16</sub> "W	48 <sup>5</sup> / <sub>16</sub> "W	60 <sup>9</sup> / <sub>16</sub> "W
33"H	•	•	•	•	•	•	•
41"H	•	•	•	•	•	•	•
53"H	•	•	•	•	•	•	•
65"H	•	•	•	•	•	•	•
80"H	•	•	•	•	•	•	

Replacement surfaces are available. ▶ See page 213.

*Tip: Panel height varies according to the top cap selected.*

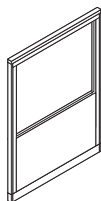


Understanding  
 ▶ Page 16  
 Specifying  
 ▶ Page 204

### Transparent

	24 <sup>5</sup> / <sub>16</sub> "W	30 <sup>5</sup> / <sub>16</sub> "W	36 <sup>5</sup> / <sub>16</sub> "W	42 <sup>5</sup> / <sub>16</sub> "W	48 <sup>5</sup> / <sub>16</sub> "W
65"H	•	•	•	•	•
80"H	•	•	•	•	•

*Tip: Panel height varies according to the top cap selected.*



Understanding  
 ▶ Page 18  
 Specifying  
 ▶ Page 206

### Half-Glass, Half-Fabric Transparent Panels

	24 <sup>5</sup> / <sub>16</sub> "W	30 <sup>5</sup> / <sub>16</sub> "W	36 <sup>5</sup> / <sub>16</sub> "W	42 <sup>5</sup> / <sub>16</sub> "W	48 <sup>5</sup> / <sub>16</sub> "W
65"H	•	•	•	•	•
80"H	•	•	•	•	•

*Tip: Panel height varies according to the top cap selected.*



Tackable  
fabric-covered  
panel stacker



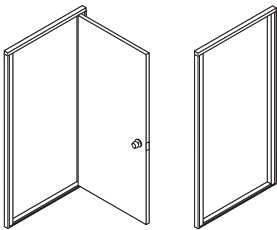
Glass panel  
stacker

Understanding  
▶ Page 20  
Specifying  
▶ Pages 208–210

## Panel Stackers

	18"W	24"W	30"W	36"W	42"W	48"W	60"W
11"H	●	●	●	●	●	●	●
12"H	●	●	●	●	●	●	●
15"H	●	●	●	●	●	●	●
24"H	●	●	●	●	●	●	●

Tip: Panel height varies according to the top cap selected.



Understanding  
▶ Page 22  
Specifying  
▶ Page 212

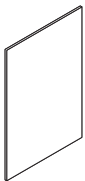
## Panel Door with Frame

42<sup>5</sup>/<sub>16</sub>"W

80"H ●\*

\* = Also available as frame only.

Tip: Panel door frame height varies according to the top cap selected.



Understanding  
▶ Page 12  
Specifying  
▶ Page 213

## Tackable Acoustical Fabric-Covered Replacement Skins

	18"W	24"W	30"W	36"W	42"W	48"W	60"W
33"H	●	●	●	●	●	●	●
41"H	●	●	●	●	●	●	●
53"H	●	●	●	●	●	●	●
65"H	●	●	●	●	●	●	●
80"H	●	●	●	●	●	●	●

Tip: 28<sup>1</sup>/<sub>2</sub>"H replacement panel surfaces are used on 28<sup>1</sup>/<sub>2</sub>"H straight transparent panels. 42"H replacement panel surfaces are used on 42"H tackable acoustical panels and also on 42"H straight transparent panels.

# Tackable Acoustical Panels

**Tackable acoustical panels** are constructed with a steel frame and acoustical surfaces that are attached to each side.  
► Specifying, page 202

**Septum and low-density fiberglass (acoustical insert)** is included on 65" and higher panels.

**Fiberglass material construction** provides a tackable surface, serves as a sound barrier, and improves acoustical qualities.

**Panel surface** is covered with fabric.

**End trim** finishes the vertical edge of the panel.

**Base-end door** slides up to provide access to base cavity and has a knockout for routing cables through a panel run.

**Leveling glides** adjust to install panels on uneven floors.

**Steel top caps** are available in two heights—low (L) and medium (M). Wood top caps are available in two heights—low (L) and medium (M).

**Frame** is constructed with rigid, tubular steel.

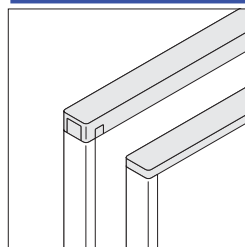
**Slotted channel** accepts panel-supported components in 1" increments.

**Communication cord knockouts** allow cables to pass through the base cover.

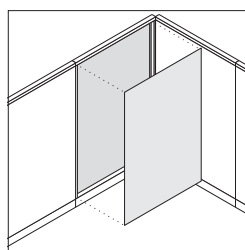
**Base cavity** accepts a factory- or field-installed powerway. Cable routing is also possible.

**Base cover** is removable to allow access to cavities in panel base. Base covers contain "invisible" knockouts for receptacles.  
► Page 48

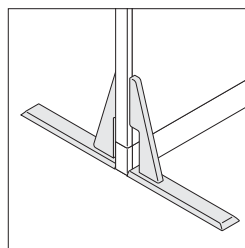
## Product Details



**Top caps** come in two height options that will alter the panel height according to the top cap selected. See dimensions table below.  
► Page 24



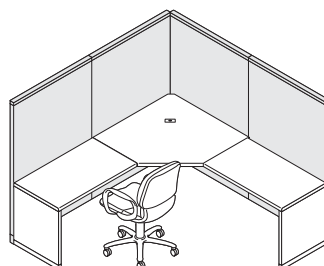
**Panel surface** is removable for replacement with a new surface. The top cap, end trim, and base cover can remain intact during the replacement process. Special tools are not required. Adjacent panels are not disrupted.



**Panel stabilizer feet** are designed to provide additional support for panels when they aren't stabilized by components. Each foot extends 16" from the side of the panel.

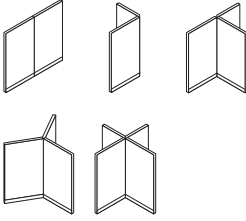
## Actual Dimensions

<b>Depth (thickness)</b>	2"	
<b>Width</b>	18 <sup>5</sup> / <sub>16</sub> ", 24 <sup>5</sup> / <sub>16</sub> ", 30 <sup>5</sup> / <sub>16</sub> ", 36 <sup>5</sup> / <sub>16</sub> ", 42 <sup>5</sup> / <sub>16</sub> ", 48 <sup>5</sup> / <sub>16</sub> ", or 60 <sup>9</sup> / <sub>16</sub> "	
<b>Low top cap height</b>	5 <sup>5</sup> / <sub>8</sub> "	
<b>Medium top cap height</b>	1 <sup>3</sup> / <sub>8</sub> "	
<b>Leveling glide range</b>	1 <sup>1</sup> / <sub>16</sub> "	
<b>Height</b>	with low top cap	with medium top cap
<b>33"H panel</b>	32 <sup>1</sup> / <sub>2</sub> "	33"
<b>41"H panel</b>	40 <sup>1</sup> / <sub>2</sub> "	41 <sup>1</sup> / <sub>4</sub> "
<b>53"H panel</b>	51 <sup>5</sup> / <sub>8</sub> "	52 <sup>3</sup> / <sub>8</sub> "
<b>65"H panel</b>	63 <sup>15</sup> / <sub>16</sub> "	64 <sup>11</sup> / <sub>16</sub> "
<b>80"H panel</b>	79 <sup>3</sup> / <sub>4</sub> "	80 <sup>1</sup> / <sub>2</sub> "



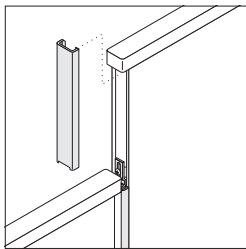


## Connections

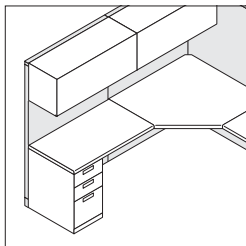


**Universal connector package**, shipped with every panel, joins panels of the same height in a straight line or in L-, T-, Y-, or X-configurations. ▶ Page 25

**Connectors** are available to attach panels to adjacent panels and walls. ▶ Pages 26–30



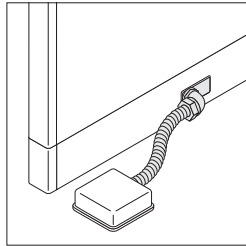
**Change-of-height panel connector** provides a finished edge when panels of varying heights are joined in a straight line, L-, T-, or X-configuration. It will not work with fillers, power poles, or cable poles that are in a T-configuration. ▶ Page 31



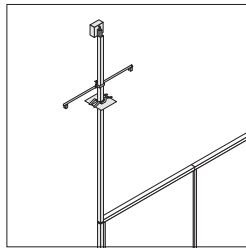
**Panels** can support components, including work-surfaces, shelves, and storage bins.

**Panel-run stability** recommendations vary depending on the width of the panel run and use of panel-supported components. ▶ Pages 58–61

## Wiring & Cabling

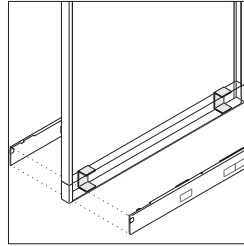


**Base or end power-ins** bring power to the panel run by connecting at a designated receptacle location or at the end of a powerway. ▶ Page 40



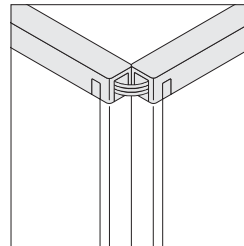
**Power poles and cable poles** attach to the panel end or at L-, T- and X-connections. They bring power or communication cables from the ceiling. ▶ Pages 41–43

**Powerways** can be factory or field installed in the base cavity. Three-circuit or four-circuit powerways are available. 18"W and 24"W powerways have two flag connectors. 30"W and wider powerways have one flag connector. *Exception: 18"W panels accommodate pass-through powerways. These panels are shipped with two plain base covers. Pass-through powerways are shipped in a separate carton for field installation.* ▶ Pages 44–47

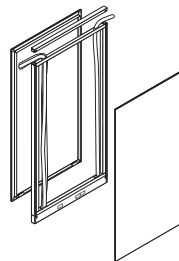


**Base cavity** can be accessed on either side of the panel. It is easier to route cords and cables, and to field install powerways, on the surface-one side because the C-shape foot opens to that side.

**Panel-base end grommet** is available to fit in base-end door knockout to protect cords and cables.



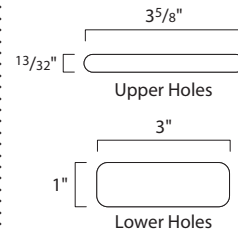
**Cable knockout** allows cable routing through steel medium top caps. *Exceptions: Wood top caps and low top caps do not allow for cable routing.* ▶ Page 24



**Cable-management panel option** is available to allow vertical cable routing.

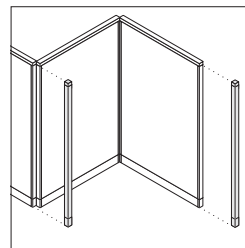
**All cable-management panels** have cable-routing openings in the frame to allow cables to be routed vertically inside the panel.

**Interior frame** of panel surface is notched at bottom to avoid blocking the cable routing channels.



**Openings in panel frame** for vertical cable routing accommodate a wide variety of voice and data cables.

**Cable-management panel option** is available only on tackable acoustical panels that are 24<sup>5</sup>/<sub>16</sub>"W or wider.



**Fillers** aesthetically fill in the space at L-, T-, and X-connections. End-of-run fillers cover the exposed vertical edge of the last panel in a run. All fillers allow cables to run vertically. ▶ Pages 32–34

**Wire separator** is available factory installed, to separate telecommunication cables from the powerway. Field-installed wire separators are available from Service Parts.

**All panels** are UL listed and CSA certified.

## Surface Materials

### Top cap

- Paint (standard)
- Wood (option on low and medium top caps)
- Customiz stain (option on wood)

### End trim

- Paint (standard)
- Fabric (option)

### Base cover

- Paint (standard)

### Panel surface

• Fabric  
*Tip: For most fabrics, fabric application is standard in the warp horizontal direction.* ▶ See *Specification Guidelines for Vertical Fabric Applications*, page 356, for details on these exceptions. Warp vertical is available as an option.

*Tip: If a panel has different surfaces, use these guidelines: the first surface you specify is considered to be surface one. The second surface you specify is surface two. End trims, left, right, or both, are specified while you're facing surface one. Factory-installed powerways are always installed with the green end of the powerway on the left-hand side as you face surface one.*

▶ Pages 44–47

### Slotted channel

- Black paint only

### Leveling glides

- Black only

### Panel-base end grommet

- Black plastic only

## Pricing

**To price a panel** with surface materials at different prices, add the two prices together and divide by two.

**Application Topics**

**Base Covers and  
Receptacles**

▶ Pages 48-49

**Panel Creep**

▶ Page 51

**How Connectors  
Affect Panel-Supported  
Components**

▶ Page 56

**How Connectors Affect  
Power Flow**

▶ Page 57

**Wiring and Cabling**

▶ Pages 173–193

**Cable Capacities**

▶ Pages 192-193



# Transparent Panels

**Transparent panels** define boundaries while remaining visually open.  
 ▶ Specifying, page 204

**Transparent panel inserts** are available with clear tempered glass.

**End trim** finishes the vertical edge of the panel.

**Frame surface** surrounding the transparent panel insert is covered with paint. Frame is constructed with rigid, tubular steel.

**Base-end door** slides up to provide access to base cavity and has a knockout for routing cables through a panel run.

**Leveling glides** adjust to install panels on uneven floors.

**Steel top caps** are available in two heights—low (L) and medium (M). Wood top caps are available in two heights—low (L) and medium (M).

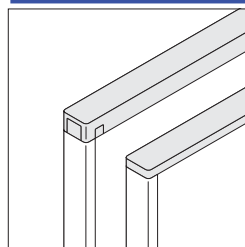
**Slotted channel** accepts panel-supported components in 1" increments.

**Communication cord knockouts** allow cables to pass through the base cover.

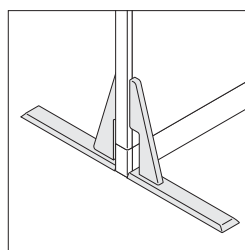
**Base cavity** accepts a factory- or field-installed powerway. Cable routing is also possible.

**Base cover** is removable to allow access to cavities in panel base. Base cover contains "invisible" knockouts for receptacles.  
 ▶ Page 48

## Product Details



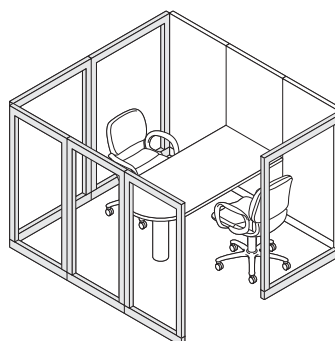
**Top caps** come in two height options that will alter the panel height according to the top cap selected. See dimensions table below.  
 ▶ Page 24



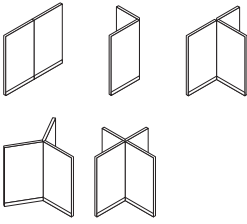
**Panel stabilizer feet** are designed to provide additional support for panels when they aren't stabilized by components. Each foot extends 16" from the side of the panel.  
 ▶ Page 38

## Actual Dimensions

<b>Depth (thickness)</b>	2"	
<b>Width</b>	24 <sup>5</sup> / <sub>16</sub> " or 48 <sup>5</sup> / <sub>16</sub> "	
<b>Insert depth (thickness)</b>	1/4"	
<b>Insert width</b>	19 <sup>1</sup> / <sub>8</sub> ", 25 <sup>1</sup> / <sub>8</sub> ", 31 <sup>1</sup> / <sub>8</sub> ", or 43 <sup>1</sup> / <sub>8</sub> "	
<b>Insert height</b>	55 <sup>3</sup> / <sub>16</sub> " or 71"	
<b>Low top cap height</b>	5/8"	
<b>Medium top cap height</b>	1 <sup>3</sup> / <sub>8</sub> "	
<b>Leveling glide range</b>	1 <sup>1</sup> / <sub>16</sub> "	
<b>Height</b>	with low top cap	with medium top cap
<b>65"H panel</b>	63 <sup>15</sup> / <sub>16</sub> "	64 <sup>11</sup> / <sub>16</sub> "
<b>80"H panel</b>	79 <sup>3</sup> / <sub>4</sub> "	80 <sup>1</sup> / <sub>2</sub> "



## Connections

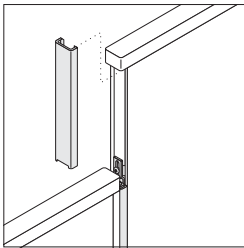


**Universal connector package**, shipped with every panel, joins panels of the same height in a straight line or in L-, T-, Y-, or X-configurations.

► Page 25

**Connectors** are available to attach panels to adjacent panels and walls.

► Pages 26–30



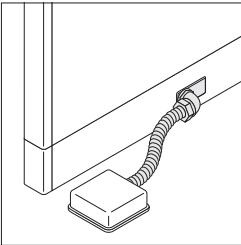
**Change-of-height panel connector** provides a finished edge when panels of varying heights are joined in a straight line, L-, T-, or X-configuration. It will not work with fillers, power poles, or cable poles that are in a T-configuration.

► Page 31

**Panel-run stability** recommendations vary depending on the width of the panel run and use of panel-supported components.

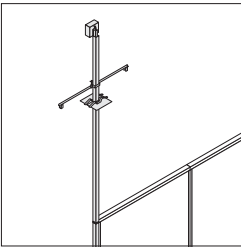
► Pages 58–61

## Wiring & Cabling



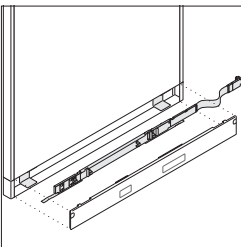
**Base or end power-ins** bring power to the panel run by connecting at a designated receptacle location or at the end of a powerway.

► Page 40



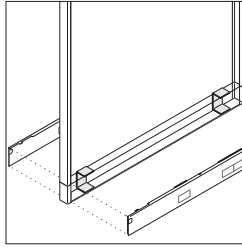
**Power poles and cable poles** attach to the panel end or at L-, T- and X-connections. They bring power or communication cables from the ceiling.

► Pages 41–43



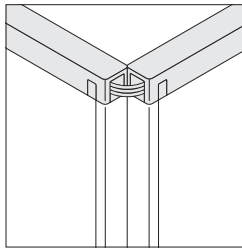
**Powerways** can be factory or field installed in the base cavity. Three-circuit or four-circuit powerways are available. 18"W and 24"W powerways have two flag connectors. 30"W and wider powerways have one flag connector.

► Pages 44–47



**Base cavity** can be accessed on either side of the panel. It is easier to route cords and cables, and to field install powerways, on the surface-one side because the C-shape foot opens to that side.

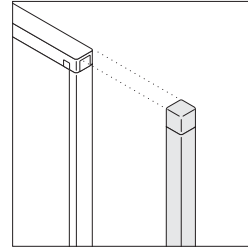
**Panel-base end grommet** is available to fit in base-end door knockout to protect cords and cables.



**Cable knockout** allows cable routing through steel medium top caps.

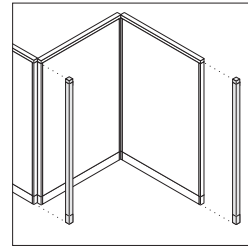
*Exceptions: Wood top caps and low top caps do not allow for cable routing.*

► Page 24



**End-of-run filler** covers the exposed vertical edge of the last panel in a run. Fillers allow cables to run vertically at the end of a run of panels.

► Page 34



**Fillers** conceal cables running vertically and aesthetically fill in the space at L-, T-, and X- connections.

► Pages 32–34

**Wire separator** is available factory installed, to separate telecommunication cables from the powerway. Field-installed wire separators are available from Service Parts.

**All panels** are UL listed and CSA certified.

## Surface Materials

### Top cap

- Paint (standard)
- Wood (option on low and medium top caps)
- Customiz stain (option on wood)

### Frame surface

- Paint (standard)

### End trim

- Paint (standard)
- Fabric (option)

*Tip: For most fabrics, fabric application is standard in the warp horizontal direction.*

► See *Specification Guidelines for Vertical Fabric Applications*, page 356, for details on these exceptions. Warp vertical is available as an option.

### Base cover

- Paint (standard)

### Panel insert

- 6500 Clear glass

### Slotted channel

- Black paint only

### Leveling glides

- Black only

### Panel-base end grommet

- Black plastic only

## Application Topics

### Base Covers and Receptacles

► Page 48

### Panel Creep

► Page 51

### How Connectors Affect Power Flow

► Page 57

### Wiring and Cabling

► Pages 173–193

### Cable Capacities

► Pages 192–193

# Half Glass, Half Fabric Transparent Panels

## Half glass, half fabric transparent panels

define boundaries while remaining visually open.

► Specifying, pages 206-207

**Transparent panel inserts** are available with clear or tinted tempered safety glass.

**End trim** finishes the vertical edge of the panel.

**Frame surface** surrounding the transparent panel insert is covered with paint. Frame is constructed with rigid, tubular steel.

**Fabric panel** is a non-replaceable, nontackable steel surface.

**Base-end door** slides up to provide access to base cavity and has a knockout for routing cables through a panel run.

**Leveling glides** adjust to install panels on uneven floors.

**Steel top caps** are available in two heights—low (L) and medium (M). Wood top caps are available in two heights—low (L) and medium (M).

**Slotted channel** accepts panel-supported components in 1" increments.

**Sill** height is 28½" high.

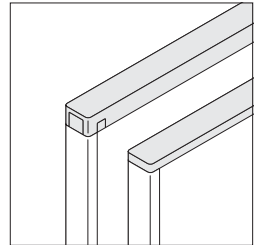
**Communication cord knockouts** allow cables to pass through the base cover.

**Base cavity** accepts a factory- or field-installed powerway. Cable routing is also possible.

**Base cover** is removable to allow access to cavities in panel base. Base cover contains "invisible" knockouts for receptacles.

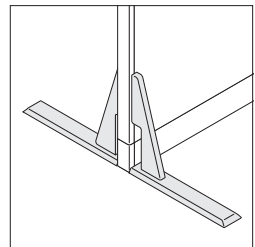
► Page 48

## Product Details



**Top caps** come in two height options that will alter the panel height according to the top cap selected. See dimensions table below.

► Page 24

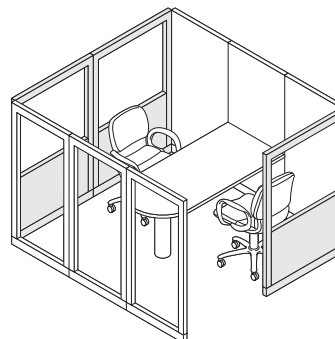


**Panel stabilizer feet** are designed to provide additional support for panels when they aren't stabilized by components. Each foot extends 16" from the side of the panel.

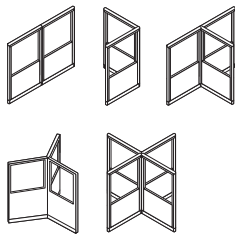
► Page 38

## Actual Dimensions

<b>Depth (thickness)</b>	2"	
<b>Width</b>	24 <sup>5</sup> / <sub>16</sub> " or 48 <sup>5</sup> / <sub>16</sub> "	
<b>Insert depth (thickness) on glass</b>	¼"	
<b>Insert width on glass</b>	19 <sup>1</sup> / <sub>8</sub> ", 25 <sup>1</sup> / <sub>8</sub> ", 31 <sup>1</sup> / <sub>8</sub> ", 37 <sup>1</sup> / <sub>8</sub> ", or 43 <sup>1</sup> / <sub>8</sub> "	
<b>Insert height on glass</b>	32 <sup>11</sup> / <sub>16</sub> " or 48 <sup>1</sup> / <sub>2</sub> "	
<b>Low top cap height</b>	5/8"	
<b>Medium top cap height</b>	1 3/8"	
<b>Leveling glide range</b>	1 1/16"	
<b>Height</b>	with low top cap	with medium top cap
<b>65"H panel</b>	63 <sup>15</sup> / <sub>16</sub> "	64 <sup>11</sup> / <sub>16</sub> "
<b>80"H panel</b>	79 <sup>3</sup> / <sub>4</sub> "	80 <sup>1</sup> / <sub>2</sub> "

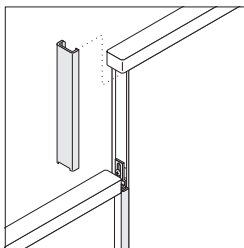


## Connections



**Universal connector package**, shipped with every panel, joins panels of the same height in a straight line or in L-, T-, Y-, or X-configurations.  
▶ Page 25

**Connectors** are available to attach panels to adjacent panels and walls.  
▶ Pages 26–30

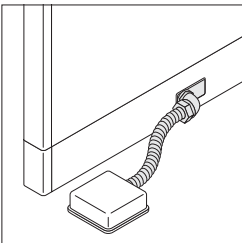


**Change-of-height panel connector** provides a finished edge when panels of varying heights are joined in a straight line, L-, T-, or X-configuration. It will not work with fillers, power poles, or cable poles that are in a T-configuration.  
▶ Page 31

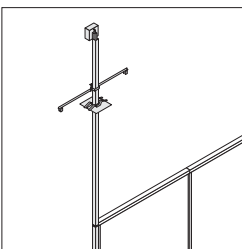
**Panel-supported components** should not be used on transparent panels.

**Panel-run stability** recommendations vary depending on the width of the panel run and use of panel-supported components.  
▶ Pages 58–61

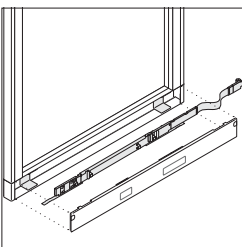
## Wiring & Cabling



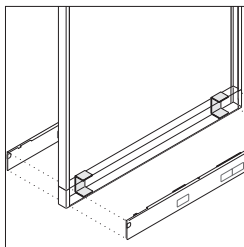
**Base or end power-ins** bring power to the panel run by connecting at a designated receptacle location or at the end of a powerway.  
▶ Page 40



**Power poles and cable poles** attach to the panel end or at L-, T- and X-connections. They bring power or communication cables from the ceiling.  
▶ Pages 41–42

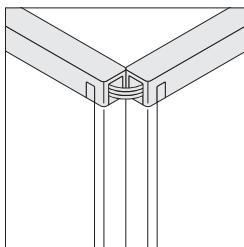


**Powerways** can be factory or field installed in the base cavity. Three-circuit or four-circuit powerways are available. 18"W and 24"W powerways have two flag connectors. 30"W and wider powerways have one flag connector.  
▶ Pages 44–47

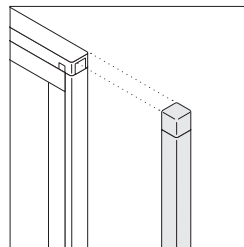


**Base cavity** can be accessed on either side of the panel. It is easier to route cords and cables, and to field install powerways, using the open side of the C-shape foot.

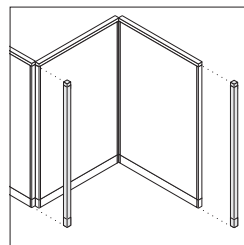
**Panel-base end grommet** is available to fit in base-end door knockout to protect cords and cables.



**Cable knockout** allows cable routing through steel medium top caps.  
*Exceptions: Wood top caps and low top caps do not allow for cable routing.*  
▶ Page 24



**End-of-run filler** covers the exposed vertical edge of the last panel in a run. Fillers allow cables to run vertically at the end of a run of panels.  
▶ Page 34



**Fillers** can conceal cables running vertically and aesthetically fill in the space at L-, T-, and X-connections.  
▶ Page 32

**Wire separator** is available factory installed, to separate telecommunication cables from the powerway. Field-installed wire separators are available from Service Parts.

**All panels** are UL listed and CSA certified.

## Surface Materials

### Top cap

- Paint (standard)
- Wood (option on low and medium top caps)
- Customiz stain (option on wood)

### Frame surface

- Paint (standard)

### End trim

- Paint (standard)
- Fabric (option)

*Tip: For most fabrics, fabric application is standard in the warp horizontal direction.*  
▶ See *Specification Guidelines for Vertical Fabric Applications*, page 356, for details on these exceptions. Warp vertical is available as an option.

### Base cover

- Paint (standard)

### Panel insert

- 6500 Clear glass

### Slotted channel

- Black paint only

### Leveling glides

- Black only

### Panel-base end grommet

- Black plastic only

## Application Topics

### Base Covers and Receptacles

▶ Page 48

### Panel Creep

▶ Page 51

### How Connectors Affect Power Flow

▶ Page 57

### Wiring and Cabling

▶ Pages 173–193

### Cable Capacities

▶ Page 192

# Panel Stackers

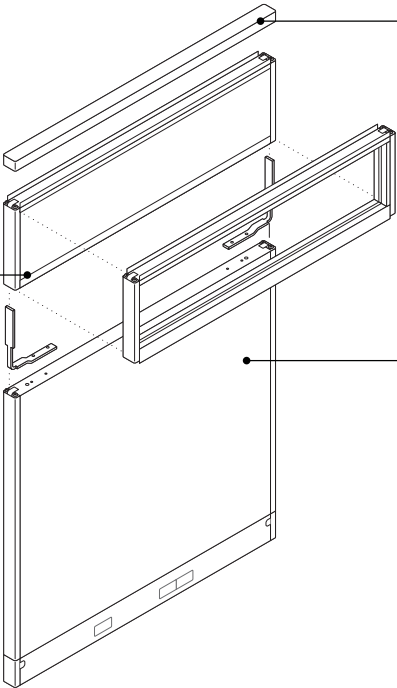
## Tackable and Glass

**Panel stackers** provide visual privacy to existing panels.

**Panel stackers** are constructed of extruded, painted, aluminum frame. Choices include tackable—skin on each side covered with vertical surface fabric, and glass—single panel of clear, tempered safety glass on panel centerline.

**Panel stackers** are not designed to fit over Avenir panel doors or on the top of glass panels.  
► Specifying, pages 208–211

**Stackers** are designed for single stacking. Panel stackers cannot be stacked on top of one another.



**Top cap** from base panel is used to trim the top of the stacker. Wood top caps can be field modified to fit onto stackers.

**Stacker panels** do not have slotted channels and thus are non-load bearing for components.

### Product Details

**Top caps** are removed from the base panel and are used to trim the top of the stacker. Fabric panel surface is non-removable and non-replaceable.

**Stacker panels** are connected to the base panels with two attachment brackets that use existing holes in the Avenir panel frame. For panels manufactured prior to 1999, optional screws are required. They are included in the stacker hardware package. The top reveal from the base panel is removed and used on the top of the stacker.

### Connections

**Panel stackers** are provided with a panel attachment bracket to align and connect stackers at the same height to adjoining panels or other panel stackers. The panel attachment bracket helps stabilize and align the stackers for proper fit and finish.

### Actual Dimensions

<b>Depth (thickness)</b> 2"	
<b>Width</b>	18 <sup>5</sup> / <sub>16</sub> ", 24 <sup>5</sup> / <sub>16</sub> ", 30 <sup>5</sup> / <sub>16</sub> ", 36 <sup>5</sup> / <sub>16</sub> ", 42 <sup>5</sup> / <sub>16</sub> ", 48 <sup>5</sup> / <sub>16</sub> ", or 60 <sup>9</sup> / <sub>16</sub> "
<b>Height</b>	11 <sup>1</sup> / <sub>8</sub> ", 12 <sup>5</sup> / <sub>16</sub> ", 15 <sup>13</sup> / <sub>16</sub> ", or 23 <sup>7</sup> / <sub>16</sub> "



## Wiring & Cabling

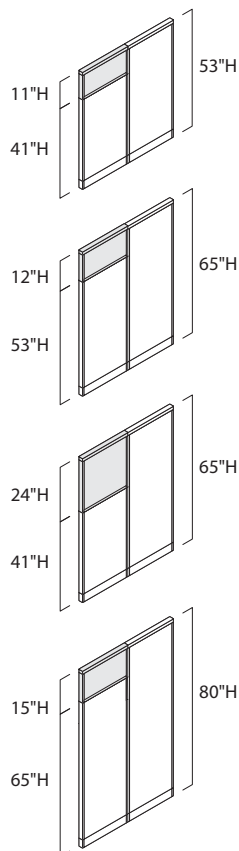
**Power and cables** cannot be routed vertically or horizontally or accessed in panel stackers. There is no change-of-height cable management available with panel stackers.

## Surface Materials

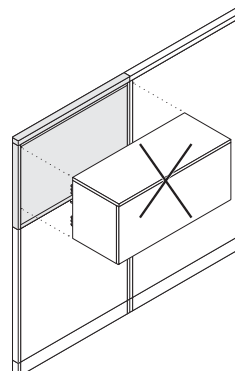
**The fabric** specified for tackable fabric stackers is the same on both sides of the panel stacker. The glass stacker is offered in 6500 Clear Tempered glass and 6530 Frosted Glass (option).

**For most fabrics**, fabric application is standard in the warp horizontal direction.  
 ▶ See *Specification Guidelines for Vertical Fabric Applications*, page 356, for details on these exceptions.  
 Warp vertical is available as an option.

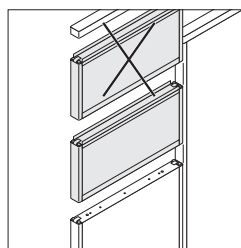
## Application Topics



**Panel stackers** are available in four heights. 11" heights are used when aligning stackers on 42"H base panels to adjoining 53"H base panels. 12" heights are used when aligning 53"H base panels to adjoining 65"H base panels. 15" heights are used when aligning 65"H base panel to adjoining 80"H base panels. 24" heights are used when aligning 41"H base panels to adjoining 65"H base panels. In applications where the stackers are not aligning to adjacent base panels, any of the four heights can be used.



**Hanging components** cannot be used on panel stackers. Panel stackers are non-load bearing.



**Panel stackers** cannot be stacked on top of another panel stacker.

**Panel stackers** are UL-listed and CSA-certified.

**Panel stackers** are not designed to fit over Avenir panel doors or on the top of glass panels.

### Rules for Panel Stacker Stability

▶ See Page 61

# Panel Door with Frame

**Panel door** can be added to workstations for additional privacy.

► Specifying, page 212

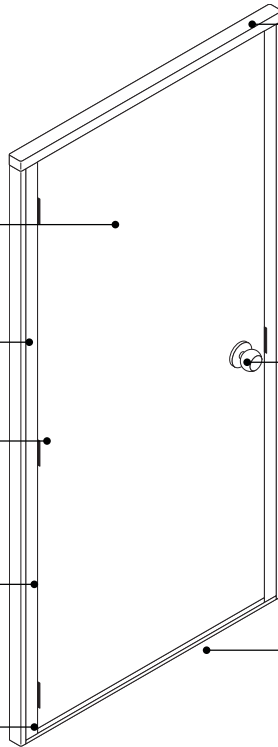
**Door** has a honeycomb core with a laminate surface.

**Frame** is constructed with rigid, tubular steel.

**Hinges** are standard on the left, but are field reversible allowing the door to swing inward or outward.

**Side jambs** support the hinged door.

**D-shape molding** seals the side jambs and door. It also absorbs sound when the door is opened and closed.

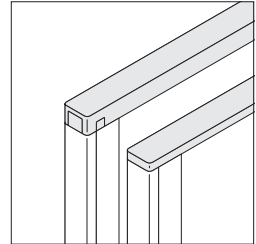


**Steel top caps** are available in two heights—low (L) and medium (M). Wood top caps are available in two heights—low (L) and medium (M).

**Doorknob and lock** are centered on the door and are standard on the right, but can be reversed in the field. Optional door handle with lock is available.

**Threshold** has an adjustable assembly for installation on an uneven floor.

## Product Details



**Top caps** come in two height options that will alter the frame height according to the top cap selected. See dimensions table below.

► Page 24

**Frame** alone may be used with locally obtained, non-drilled door and hardware.

**Door frame** can be installed so that door swings in or out 180°.

**Hinges, lock, and hardware** are included in the package with the door.

**Lock** on the panel door is a Schlage brand lock. Knob and latch are heavy-duty residential grade with 3/4"-diameter latch.

*Tip: A typical industrial-grade latch is 1" diameter and won't fit this door.*

## Actual Dimensions

### Panel door

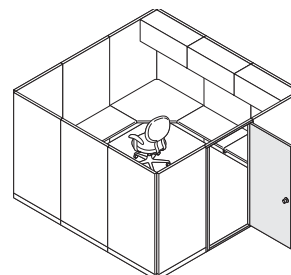
Depth (thickness)	1 <sup>15</sup> / <sub>32</sub> "
Width	35 <sup>25</sup> / <sub>32</sub> "
Height	77 <sup>7</sup> / <sub>8</sub> "

### Frame

Depth (thickness)	2"
Width	42 <sup>5</sup> / <sub>16</sub> "
Low top cap height	5/8"
Medium top cap height	1 <sup>3</sup> / <sub>8</sub> "
Height with low top cap	79 <sup>3</sup> / <sub>4</sub> "
Height with medium top cap	80 <sup>1</sup> / <sub>2</sub> "

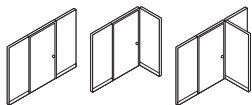
### Interior clearance

Width	36"
Height	78 <sup>5</sup> / <sub>16</sub> "
Threshold adjustment range	1"



**Width of door frame** meets barrier-free standards.

## Connections



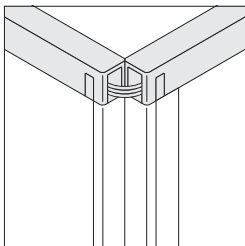
**Universal connector package**, shipped with every door frame, joins panel doors in a straight line or in L- or T-configurations with adjacent 80"H panels.  
▶ Page 25

**Panel run stability** recommendations vary depending on the use of adjacent panels or panel-supported components.  
▶ Pages 58–61

**Building wall** connection is not possible.

**Panel stackers** are not designed to fit over Avenir panel doors.

## Wiring & Cabling



**Cable knockout** allows for cable routing through steel medium top caps.  
*Exceptions: Wood top caps and low top caps do not allow for cable routing.*  
▶ Page 24

## Surface Materials

### Top cap

- Paint (standard)
- Wood (option on low and medium top caps)
- Customiz stain (option on wood)

### Frame

- Paint (standard)

### Threshold

- Stainless Steel only

### Door

- Laminate (standard)  
▶ See *Surface Materials Reference Manual*.
- Open Line laminate (option)  
A program including non-Steelcase laminates that are suitable for use on Steelcase products.  
▶ See *Surface Materials Reference Manual*.

### Hinge

- Brushed Chrome only

### Doorknob

- Brushed Chrome only

## Application Topics

### ⚠ CAUTION

Panel door with frame cannot ship to customer locations in Canada. The frame only style number in conjunction with a locally obtained door should be used for customers in Canada in need of a swing door solution.

### Recommended specifications for locally obtained doors are:

Thickness - 1½"  
Width - 35<sup>25</sup>/<sub>32</sub>"  
Height - 77<sup>7</sup>/<sub>8</sub>"  
Weight - 55 pounds

**Hardware recommendations**, when the frame is ordered alone and a locally obtained door is used, are as follows:

Orbit—Schlage F5IN  
Finish—626  
Latch Bolt—16-107  
Strike—10-026  
McKinney Hinge—T-2714  
Hagger Hinge—1279

### Panel Creep

▶ Page 51

### Wiring and Cabling

▶ Pages 173–193

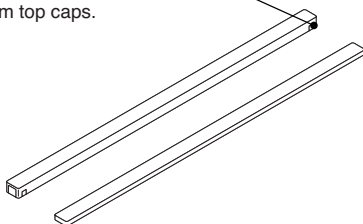
### Cable Capacities

▶ Page 192

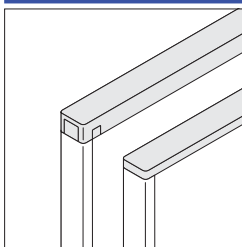
# Top Caps

**Steel top caps** are available in two heights—low (L) and medium (M). Wood top caps are available in two heights—low (L) and medium (M).

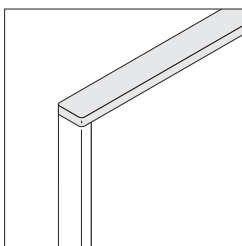
**Cable knockouts** allow for cable distribution through steel medium top caps.



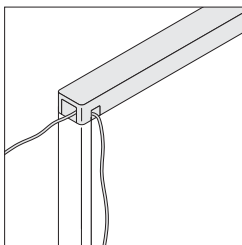
## Product Details



**Panel height** varies depending on which of the two top cap heights you choose.

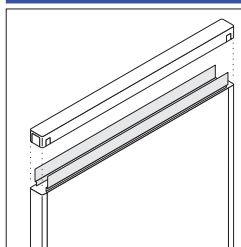


**Wood or steel low top caps** provide a clean profile for use when no cabling is required.



**Steel medium top caps** have a cavity that allows cords and cables to pass through on straight panels. Cable knockouts are available as an option. Wood medium top caps do not allow for cord and cable routing.

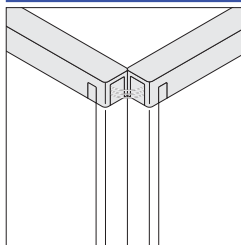
## Connections



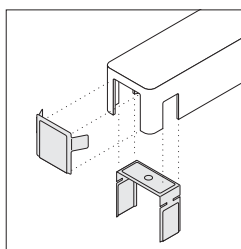
**Continuous clip**, located on the top of the panel, allows the steel top cap to snap into place. Wood top cap slides onto compression dowels.

**Substituting** different height top caps can be accomplished in the field.

## Wiring & Cabling



**Cable knockouts** are optional on steel medium top caps to allow cables to be routed through a panel run or to exit the top cap. *Exception: Wood top caps and low top caps are not equipped with knockouts.*



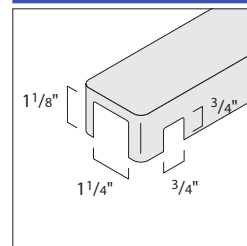
**Cable knockout filler package** inserts in the top cap to fill the knockout holes when they are no longer needed.

## Surface Materials

### Top cap

- Paint (standard)
- Wood (option on low and medium top caps)
- Customiz stain (option on wood)

## Application Topics



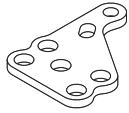
**Medium top cap** cable knockout dimensions.

## Actual Dimensions

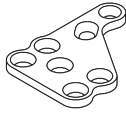
<b>Depth</b>	2"
<b>Width</b>	18 <sup>17/64</sup> ", 24 <sup>17/64</sup> ", 30 <sup>17/64</sup> ", 36 <sup>17/64</sup> ", 42 <sup>17/64</sup> ", 48 <sup>17/64</sup> ", or 60 <sup>1/2</sup> "
<b>Low top cap height</b>	5/8"
<b>Medium top cap height</b>	1 3/8"

## Universal Connector Package

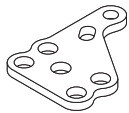
**Universal connector package** is shipped with every panel. Additional packages are available through Service Parts.



**Top connector plate for steel top cap**



**Top connector plate for wood top cap**



**Bottom connector plate**



**Tear-drop filler**

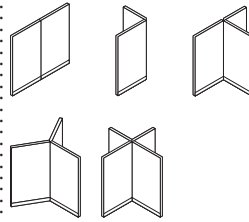


**End filler**



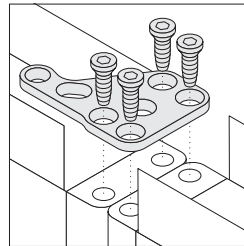
**Pins**

## Connections

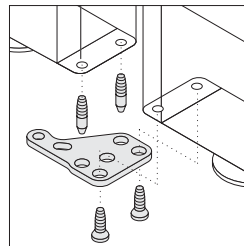


**Connects** panels of the same height in straight, L-, T-, Y-, or X-configurations.

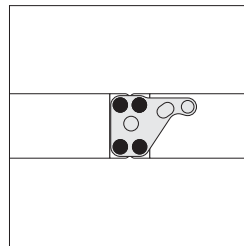
**Each panel** is provided with two connector plates, fillers, mounting screws, and pins.



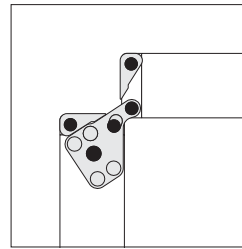
**Top connector plate** attaches to tops of panels.



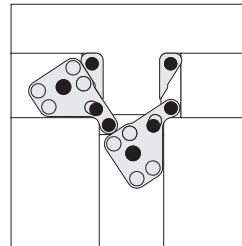
**Bottom connector plate** connects panels in the same way as the top connector plate.



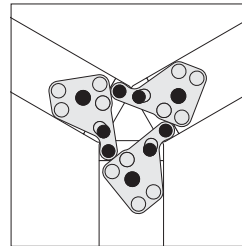
**Straight configuration**



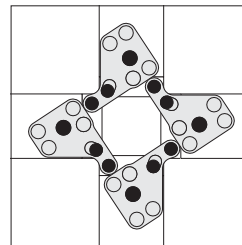
**L-configuration**



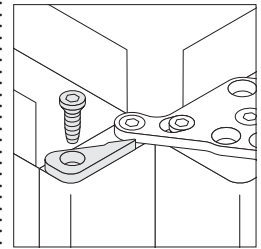
**T-configuration**



**Y-configuration** can be achieved at any angle when two universal connectors are used, because one panel can pivot from where it is attached. A Y-configuration with three 120° angles can be locked in place by using three connectors instead of two.

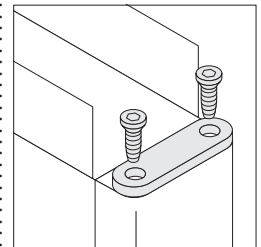


**X-configuration**



**Tear-drop fillers** continue the black reveal line below the top cap and create a uniform appearance at panel junctions.

**Wood top caps** are standard with a top connector plate that has countersunk holes for the screws so the connection is flush.



**End fillers** continue the black reveal line below the top cap and create a uniform appearance at the end of a panel run.

## Surface Materials

**Universal connector**

- Black paint only

## Application Topics

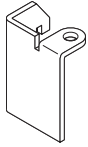
**Power and cable poles** can be attached in the recess that results when panels are joined with the connector in L- or T-configurations.

**Panel Creep**

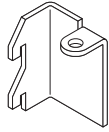
- Page 51 **Solutions to Overhead Storage Problems Caused by PAB2 Brackets**
- Page 53 **How Connectors Affect Panel-Supported Components**
- Page 56 **How Connectors Affect Power Flow**
- Page 57

## Varying-Height Connector Packages (PAB2)

► Specifying, page 214



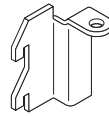
**Right-hand straight connector**



**Left-hand straight connector**



**Right-hand angle connector**



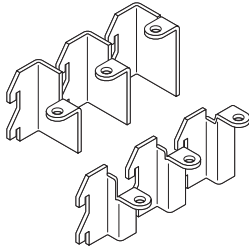
**Left-hand angle connector**



**End Filler**

*Tip: See page 53 for details about relationships between PAB2 brackets and panel-supported overhead storage components.*

### Product Details

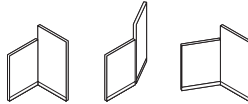


**Three versions of both of these connectors** are available. You must specify the connector package that corresponds with the height of the shorter panel.

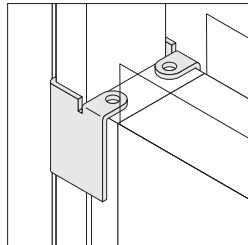
### Connections



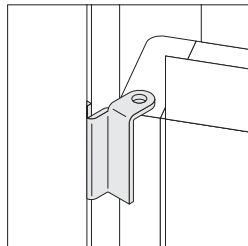
**Straight connectors** attach panels of varying heights in a straight configuration.



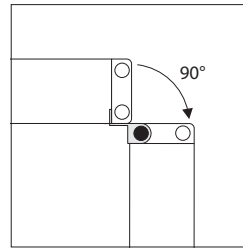
**Angle connectors** attach panels of varying heights and pivot to different angles.



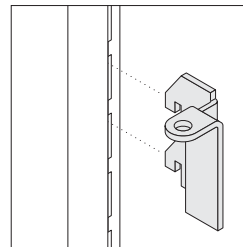
**Straight connectors** attach to the top of the shorter panel, and hook into one or both sides of the taller panel in a straight line. Alternative connectors and mounting screws are shipped in each package.



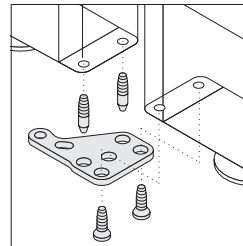
**Angle connectors** attach to the top of the shorter panel, and hook into one side of the taller panel. Alternative connectors and mounting screws are shipped in each package.



**Angle connector** allows a panel to be positioned at any angle up to 90°.



**Connector** occupies two slots in the taller panel's slotted channel.



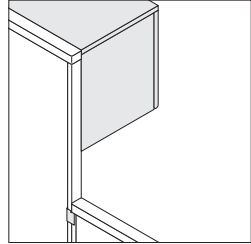
**Bottom connector plate**, part of the universal connector package shipped with every panel, must be attached to the bottom of the shorter panel.

### Surface Materials

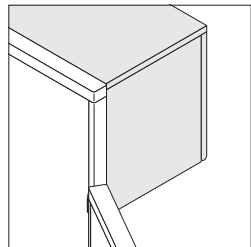
**Varying-height connectors**

- Paint

### Application Topics



**If you plan to attach overhead storage while using a straight connector**, plan the storage location to avoid the connector position because a portion of the slotted channel is blocked on both sides of the taller panel.



**If you plan to attach overhead storage while using an angle connector**, plan overhead storage location to avoid the connector position.

► Page 53

**Power poles and cable poles** can be attached in the recess that results when panels are joined with the angle connector.

**Change-of-Height Panel Connectors**

► Page 31

**Panel Creep**

► Page 51

**Solutions to Overhead Storage Problems Caused by PAB2 Brackets**

► Page 53

**How Connectors Affect Panel-Supported Components**

► Page 56

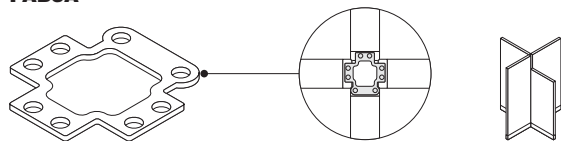
**How Connectors Affect Power Flow**

► Page 57

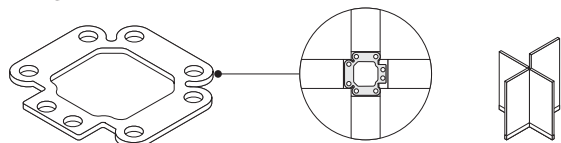
## Varying-Height Connector Packages (PAB5)

► Specifying, page 215

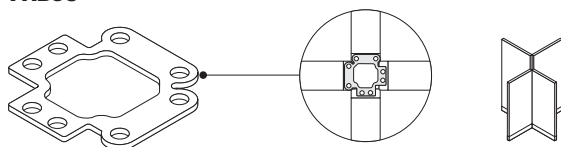
### PAB5A



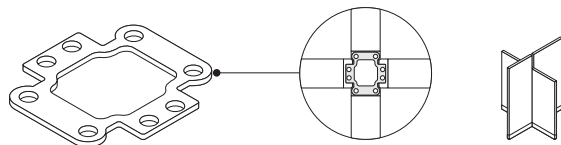
### PAB5B



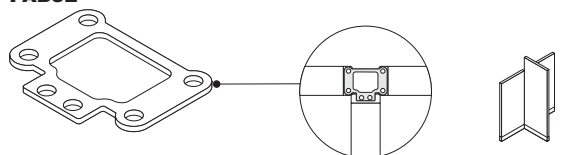
### PAB5C



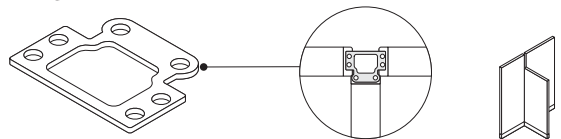
### PAB5D



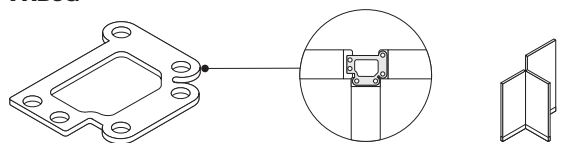
### PAB5E



### PAB5F



### PAB5G

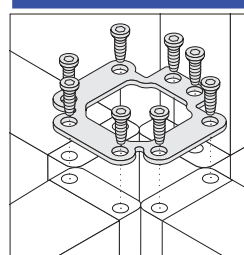


## Product Details

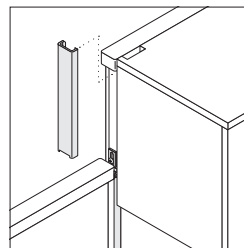
**PAB5 connectors** are available to join panels of different heights in T- and X-configurations without obstructing a panel's slotted channel which could block the installation of overhead storage components.

► For details about these configurations, see page 215

## Connections



**Attaches** to the tops of the panels underneath the top caps. Mounting screws are included with each package.



**Change-of-height panel connectors** are used to join taller panels in configuration.

► Page 31

**Bottom connector** attaches to the bottom of the panels. Mounting screws are included.

**Varying-height connector packages (PAB5)** are used in conjunction with change-of-height panel connectors.

► Page 215

## Wiring & Cabling

**Powerway routing** through the base cavity is not blocked by the PAB5 connectors.

**Cable routing** through the top cap is not blocked by the PAB5 connectors.

**Vertical cable routing** can be accommodated inside a filler.

► Page 34

## Surface Materials

**Varying-height connector**

- Black paint only

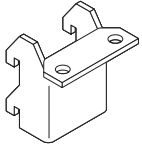
## Application Topics

**Solutions to Overhead Storage Problems Caused by PAB2 Brackets**

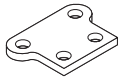
► Page 53

## Varying-Height Perpendicular Connector Packages (PAB3)

► Specifying, page 214



**Varying-height connector**

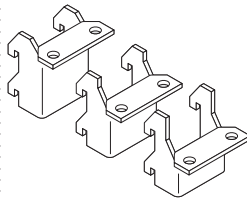


**Bottom connector plate**



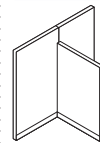
**End Filler**

### Product Details

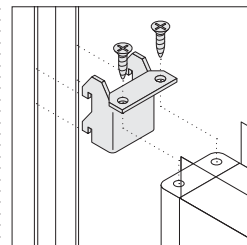


**Three versions** of this connector are available. You must specify the connector package that corresponds with the height of the shorter panel.

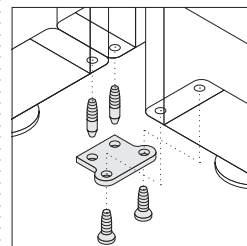
### Connections



**Connects** shorter perpendicular panel to a straight panel run of taller panels. Any height combinations are possible.

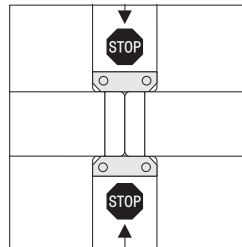


**Attaches** to the top of the shorter panel and hooks into the slotted channels of the taller panels. Mounting screws are included in each package.



**Bottom connector plate** attaches to all three panels.

### Wiring & Cabling



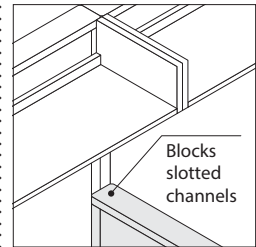
**Powerway** routing through the base cavity ends when it reaches the perpendicular panel. There are no pass-through or bridging capabilities.

### Surface Materials

**Varying-height perpendicular connector**

- Paint

### Application Topics



**Shorter perpendicular panel** blocks a portion of the slotted channels and covers one inch of the surfaces of both adjacent panels. Some panel-supported components may fit depending on the height difference of the panels.

**Change-of-height panel connector** offers an alternative way to connect panels of different heights.

► Page 31

**Panel Creep**

► Page 51

**Solutions to Overhead Storage Problems Caused by PAB2 Brackets**

► Page 53

**How Connectors Affect Panel-Supported Components**

► Page 56

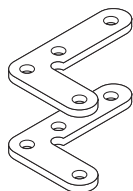
**How Connectors Affect Power Flow**

► Page 57

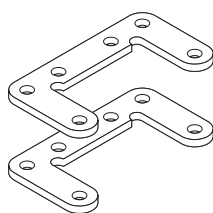


## Closed-Configuration Connector Package (PAB9)

► Specifying, page 216



**L-connectors**

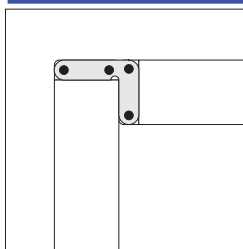


**T-connectors**

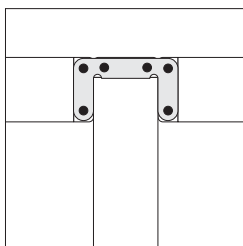


**Pins**

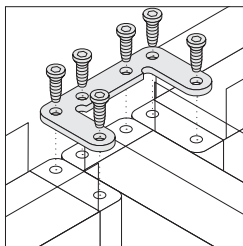
### Connections



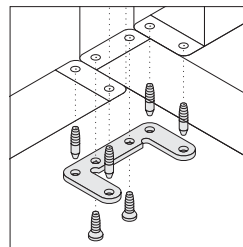
**Connects** two perpendicular panels of the same height and forms a flush corner without the two-inch recess that results when you use a universal connector package in an L-configuration.



**Package also contains** hardware to form a flush T-configuration. Panels must be the same height.

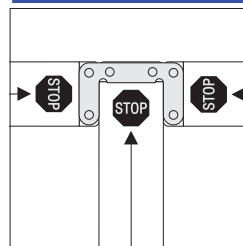


**Attaches** to tops of the panels underneath the top caps. Mounting screws are included in each package.



**Bottom connector** attaches to the bottom of the panels. Mounting screws are included.

### Wiring & Cabling



**Powerway routing** through the base cavity ends when it reaches the perpendicular panel.

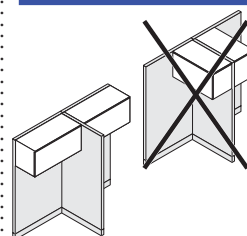
**Electrical routing** is possible through lap joints. Shorter base covers are available upon request to complete this type of installation and to allow access to the base cavity.

### Surface Materials

#### Closed-configuration connector

- Black paint only

### Application Topics



**Slotted channel** and two inches of the perpendicular panel's surface will be blocked. Plan location of panel-supported components accordingly.

#### Panel Creep

► Page 51

#### Solutions to Overhead Storage Problems Caused by PAB2

##### Brackets

► Page 53

#### How Connectors Affect Panel-Supported Components

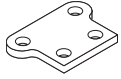
► Page 56

#### How Connectors Affect Power Flow

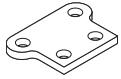
► Page 57

## Perpendicular Connector Package (PAB4)

► Specifying, page 216

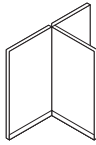


**Top connector plate**

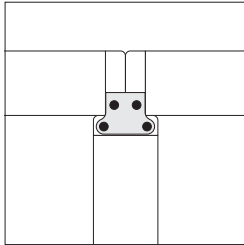


**Bottom connector plate**

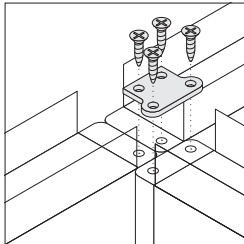
### Connections



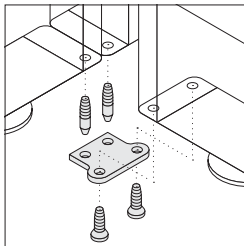
**Connects** a perpendicular panel to a straight panel run. Panels must be the same height.



**Perpendicular connectors eliminate the two-inch gap** that results when you use a universal connector in a T-configuration.

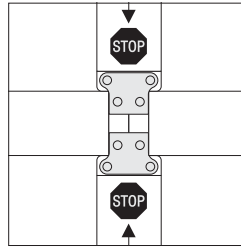


**Attaches** to the tops of panels underneath the top caps of panels. Mounting screws are included in each package.



**Bottom connector plate** attaches to all three panels.

### Wiring & Cabling



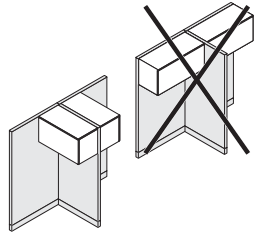
**Powerway** routing through the base cavity ends when it reaches the perpendicular panel. There are no pass-through or bridging capabilities.

### Surface Materials

**Perpendicular connector**

- Black paint only

### Application Topics



**Perpendicular panel** blocks the slotted channels and covers one inch of the surfaces of both adjacent panels. Plan location of panel-supported components accordingly.

#### Panel Creep

► Page 51

#### Solutions to Overhead Storage Problems Caused by PAB2 Brackets

► Page 53

#### How Connectors Affect Panel-Supported Components

► Page 56

#### How Connectors Affect Power Flow

► Page 57

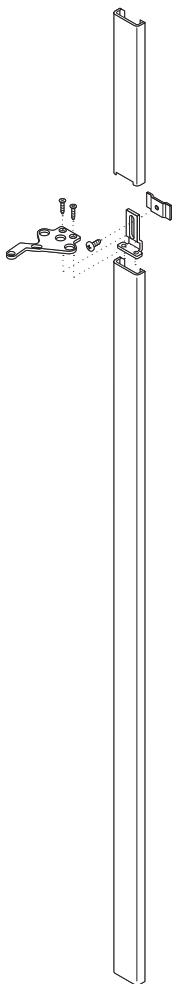
# Change-of-Height Panel Connectors

Change-of-Height  
Panel Connectors

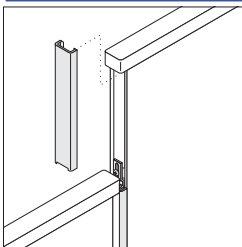
Panels

**Change-of-height panel connector** joins panels at varying heights in a straight line or at a 90° angle. The panel connector is divided into two pieces at the height of the lower panel. It attaches to the taller panel.

► Specifying, page 217



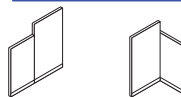
## Product Details



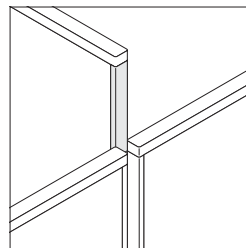
**Change-of-height panel connector** can be field installed on all panels.

**Change-of-height panel connector** provides a cleaner look than the varying-height connector package (PAB2).

## Connections

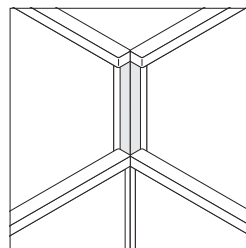


**Straight-line or L-configurations** can use the change-of-height panel connector.



**T-configurations** can use the change-of-height panel connector when the wings of the "T" are the same height and the perpendicular panel of the "T" is the higher panel.

**A varying-height connector package (PAB2)** must be used when the perpendicular panel of the "T" is shorter than the wings of the "T".



**X-configurations** require two change-of-height panel connectors and two varying-height connector packages (PAB2). The change-of-height panel connectors are used to connect a taller panel to a shorter panel at a 90° angle. The varying-height connector package (PAB2) joins these two 90° connections.

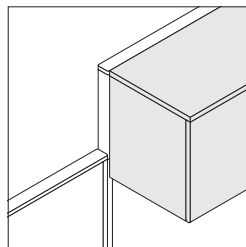
## Surface Materials

### Panel connector

- Paint (standard)
- Fabric (option)

*Tip: For most fabrics, fabric application is standard in the warp horizontal direction.*

► See *Specification Guidelines for Vertical Fabric Applications*, page 356, for details on these exceptions. Warp vertical is available as an option.



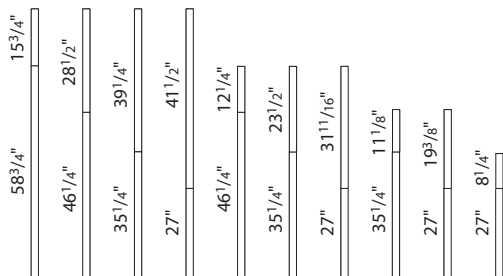
**Upper storage** can be attached anywhere to a panel when a change-of-height connector is used.

### Varying-Height Connector Packages (PAB2)

► Page 26

### Solutions to Overhead Storage Problems Caused by PAB2 Brackets

► Page 53



## Actual Dimensions

**Depth** 5/8"

**Width** 2"

# Filler Packages

**Fillers** close the gap that results when panels form L-, T-, and X-configurations. They also conceal cables that run between and vertically through panels of the same height or different heights.

► Specifying, page 218

**Top cap**, available in two heights, matches the height of the panel top cap and is available in wood or paint.

**Top caps** are available in two heights—low (L) and medium (M).

**Wood top caps** are available in two heights—low (L) and medium (M).

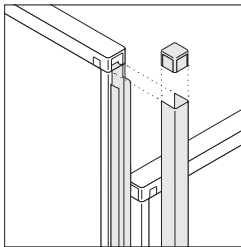
**Carrier** fastens to the edge of the panel and allows the cover to snap into place.

**Filler package** allows cables to be laid in before the cover is snapped into place.

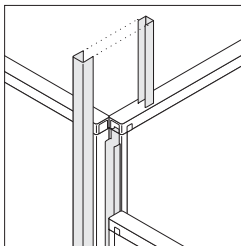
**Fillers** are fabric covered.

**Base cover** matches the base of adjacent panels.

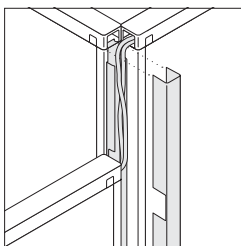
## Product Details



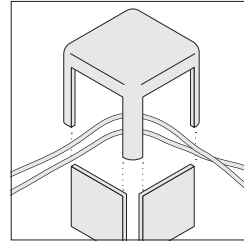
**Carrier** must attach to specific panels in each configuration. In L-configurations, the carrier must attach to the tallest panel. In T-configurations, the carrier must attach to the center panel. In X-configurations, the carrier must attach to the panel opposite the lowest panel in the configuration.



**Back filler** closes the open segment of a filler when the filler extends above its carrier in some T- and X-configurations.

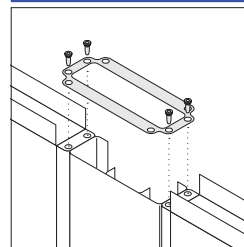


**Knockouts** are provided to accommodate lay-in cable routing through panels of varying heights.

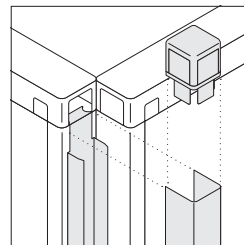


**Reusable doors** in top cap can be removed to permit cable routing.

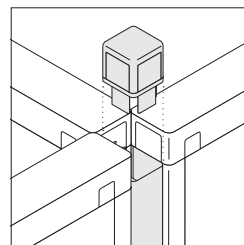
## Connections



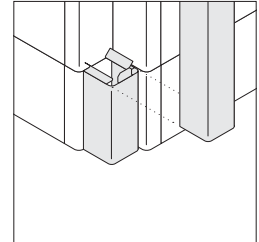
**Carrier** fastens to the end of a panel with screws that attach below the top cap. Panel remains intact so fillers can be removed and relocated later.



**Filler** snaps onto the carrier.



**Top cap and reveal** snap into the top of the filler.



**Base cover** is attached to the filler.

## Surface Materials

### Filler cover

- Fabric
- Tip: For most fabrics, fabric application is standard in the warp horizontal direction.*
- See *Specification Guidelines for Vertical Fabric Applications*, page 356, for details on these exceptions. Warp vertical is available as an option.

### Carrier

- Black paint only

### Top cap

- Paint (standard)
- Wood
- Customiz stain (option on wood)

### Base cover

- Paint (standard)

## Application Topics

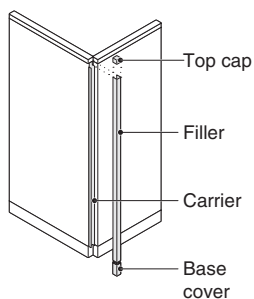
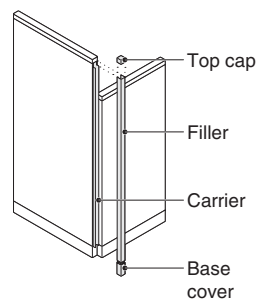
**Panels with low or wood top caps** have no cable routing capability.

## Actual Dimensions

Depth	1 <sup>5</sup> / <sub>8</sub> "	
Width	1 <sup>9</sup> / <sub>16</sub> "	
Height	with low top cap	with medium top cap
41"H panel	40 <sup>1</sup> / <sub>2</sub> "	41 <sup>1</sup> / <sub>4</sub> "
53"H panel	51 <sup>5</sup> / <sub>8</sub> "	52 <sup>3</sup> / <sub>8</sub> "
65"H panel	63 <sup>15</sup> / <sub>16</sub> "	64 <sup>11</sup> / <sub>16</sub> "
80"H panel	79 <sup>3</sup> / <sub>4</sub> "	80 <sup>1</sup> / <sub>2</sub> "

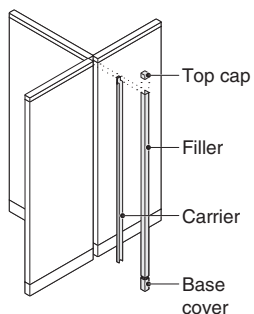
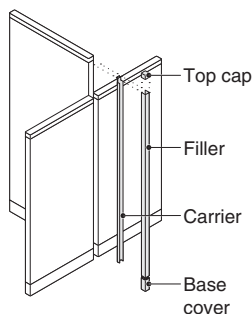
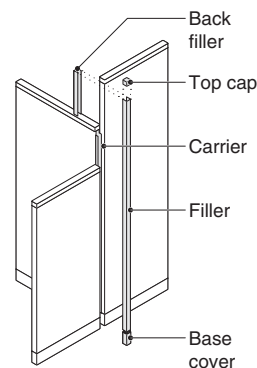
**L-Configurations**

**Carrier** always attaches to the tallest panel in an L-configuration.

**Panels of same height****Panels of different heights****T-Configurations**

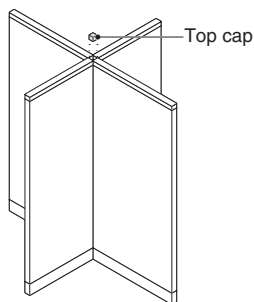
**Carrier** must connect to center panel in a T-configuration.

**Back filler** is needed when the center panel of the T-configuration is exceeded in height by one or more other panels.

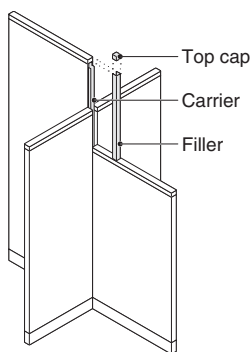
**Panels of same height****Panels of different heights****Panels of different heights****X-Configurations**

**Carrier** must attach to the panel opposite the lowest panel in an X-configuration.

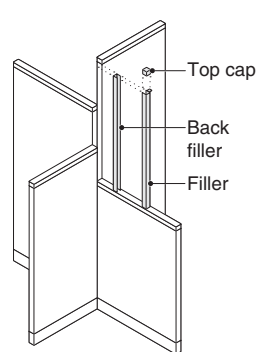
**Back filler** is needed when the panel that the carrier is attached to is exceeded in height by one or more other panels.

**Panels of same height**

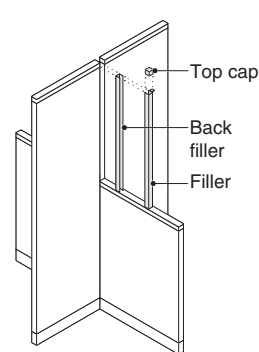
Top cap (without carrier, filler, or base cover) finishes X-configuration with panels of the same height.

**Panels of different heights**

Carrier attaches to panel opposite the shortest panel.

**Panels of different heights**

Filler is positioned against the panel opposite the shortest panel and is held in place beneath the top cap of the tallest panel. Back filler closes gap in filler.

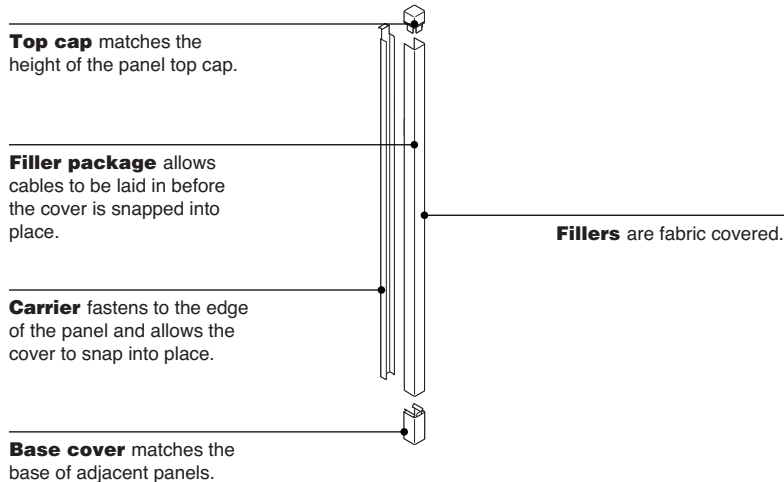
**Panels that form a gap**

Filler fits in gap and is held in place with screws beneath the top cap of the tallest panel. Back filler closes gap in filler.

# End-of-Run Fillers

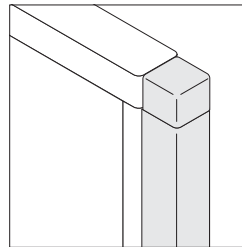
**End-of-run fillers** cover the exposed vertical edge of the last panel in a run. They allow cables to run vertically at the end of a panel run.

► Specifying, page 221



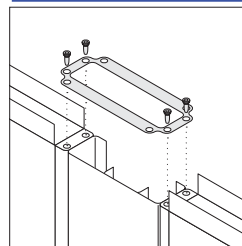
Actual Dimensions	
Depth	1 3/4"
Width	1 3/4"
Medium top cap height	1 3/8"
Height	with medium top cap
41"H panel	41 1/4"
53"H panel	52 3/8"
65"H panel	64 11/16"
80"H panel	80 1/2"

## Product Details

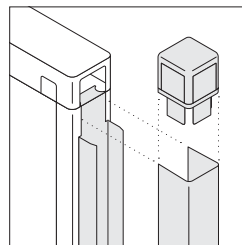


**Filler** must match the height of the panel.

## Connections

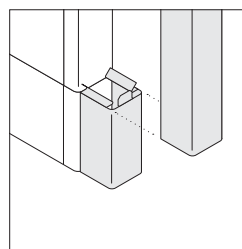


**Carrier** fastens to the end of a panel with screws that attach below the top cap. Panel remains intact so filler can be removed and relocated later.



**Filler** snaps onto the carrier.

**Top cap** and reveal snap into the top of the filler.



**Base cover** is attached to the filler.

## Surface Materials

### Filler cover

- Fabric

*Tip: For most fabrics, fabric application is standard in the warp horizontal direction.*

► See *Specification Guidelines for Vertical Fabric Applications*, page 356, for details on these exceptions. Warp vertical is available as an option.

### Carrier

- Black paint only

### Top cap and base cover

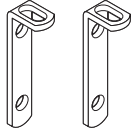
- Paint



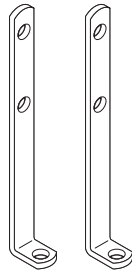
# Panel Bracket Packages

## Panel-to-Wall Bracket Package (PAB6)

► Specifying, page 222

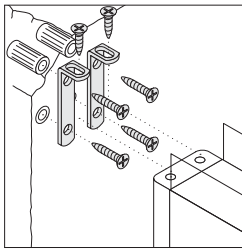


**Top bracket**



**Bottom bracket**

### Connections



**Attaches** the top and bottom of the panel perpendicular to concrete block or reinforced plaster walls. Mounting screws that connect the brackets to the panel are included in each package.

**Also attaches** to large storage units that are the same height or taller than the panel (excluding the top cap).

**Bracket** is 1/8" deep.

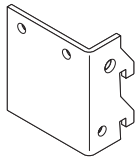
### Surface Materials

#### Panel-to-wall bracket

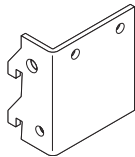
• Black paint only

## Panel-to-Furniture Bracket Package (PAB7)

► Specifying, page 222

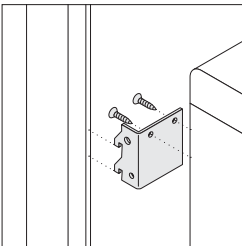


**Right-hand bracket**



**Left-hand bracket**

### Connections



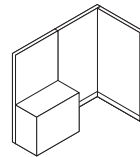
**Bracket** screws to the back of freestanding furniture and hooks into the slotted channel of the panel. Mounting screws are provided.

### Surface Materials

#### Panel-to-furniture bracket

• Black paint only

### Application Topics



**Bracket** allows panels to be stabilized with freestanding furniture.

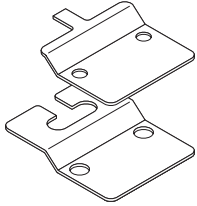
#### Rules for Panel Stability with Components

► Page 59

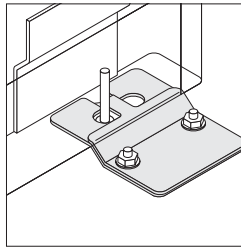


## Anchor Bracket

► Specifying, page 222



### Connections



**Attaches** to the panel glide located at the base of a panel.

**Anchors** a panel to the floor at the power entry point, such as a power pole or base power-in connection, to prevent panel movement and possible electrical wire damage.

**Complies** with the Office of Statewide Health Planning and Development Organization (OSHPD) requirements for 80"H panels that are used in health care occupancies in the state of California.

### Surface Materials

#### Anchor bracket

- Black paint only

### Application Topics

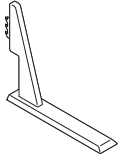
**Breakaway base power-in** may eliminate the need for an anchor bracket on a powered panel if the panel is 65"H or shorter.

#### Special Requirements for Los Angeles

► Page 189

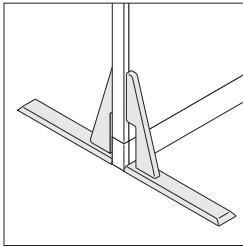
# Panel Accessories

## Panel Stabilizer Foot



► Specifying, page 223

### Application



**Increases the stability** of panel runs when furniture or perpendicular panels are not available to provide stability.

**Pairs** provide the most stability.

### Connections

**Attaches** to all panels, including curved panels. Non-handed design allows foot to attach to either side of the panel.  
*Tip: Panel-stabilizer foot must not be used as the sole source of support for panels.*

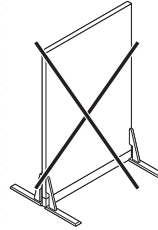
**Each foot** extends 16" from the base of the panel.

### Surface Materials

**Foot**  
• Paint

### Application Topics

**Stabilizes** up to three panels if the panel run doesn't exceed 12'.  
► Pages 58–59

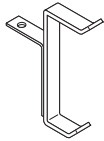


**Panel stabilizer foot** must not be used as the sole source of support for panels.

### Actual Dimensions

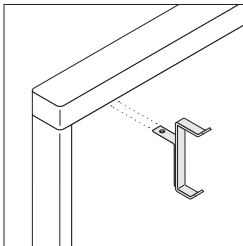
**Depth** 16"  
**Width** 2<sup>3</sup>/<sub>4</sub>"  
**Height** 11<sup>1</sup>/<sub>4</sub>"

## Panel Coat Hook



► Specifying, page 223

### Application



**Provides** a convenient place for hanging coats and similar light objects in workstations.

### Connections

**Fits** anywhere under the top cap reveal of panels with a painted top cap only. Panel coat hook cannot be used with wood top cap.

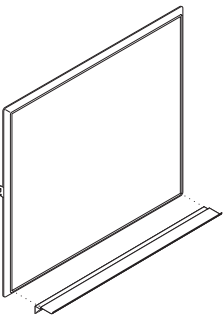
### Surface Materials

**Coat hook**  
• Paint

### Actual Dimensions

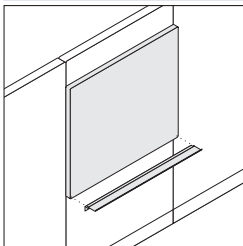
**Depth** 1<sup>7</sup>/<sub>8</sub>"  
**Width** 1<sup>1</sup>/<sub>2</sub>"  
**Height** 4<sup>5</sup>/<sub>16</sub>"

## Markerboard and Tray



► Specifying, page 224

### Application



**Provides** a writing surface on the side of a panel.

**Laminate surface** on board cleans easily.

**Tray** to hold pens and accessories is available as an option.

### Connections

**Markerboard attaches** to panels at any height using brackets that are included.

**Tray** is built into the marker board bottom frame and is available as an option.

### Surface Materials

**Markerboard surface**  
• White laminate only  
**Border and tray**  
• Black only

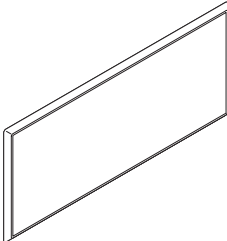
### Application Topics

**Wall channels** are available to attach marker boards to interior walls.

### Actual Dimensions

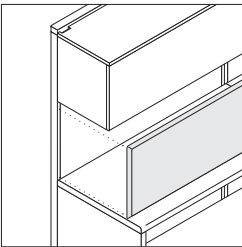
**Board**  
Depth 3<sup>4</sup>/<sub>4</sub>"  
Width 30" or 36"  
Height 33"  
**Tray**  
Depth 1<sup>1</sup>/<sub>2</sub>"  
Width 29<sup>1</sup>/<sub>2</sub>" or 35<sup>1</sup>/<sub>2</sub>"

Tackboard



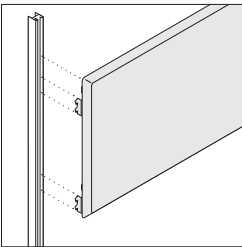
► Specifying, page 224

Application



**Provides increased tackability** between overhead storage and work-surface when non-tackable panels are used.

Connections



**Wall channels** are available to attach tackboards to interior walls.  
► Page 151

**Brackets**, which are factory installed on the back of the tackboard, lock into the slotted channel of panels or into wall channels.

Surface Materials

- Tackboard**
- Fabric
- Tip: Horizontal application is standard. Vertical application is available as an option.*
- Hardware**
- Black paint only

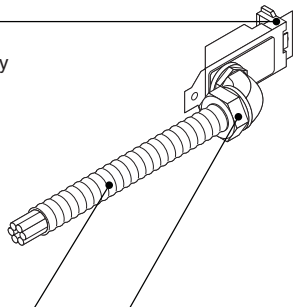
Actual Dimensions

<b>Depth</b>	3/4"
<b>Width</b>	30", 36", 42", 48", 60", or 72"
<b>Height</b>	17 3/4"

# Base Power-Ins

**Base power-ins** are field installed and connect the panel electrical system to the building power source. All five wiring schematics are available.  
► Specifying, page 225

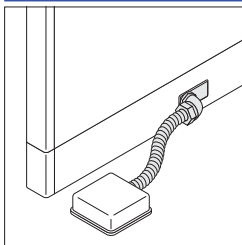
**Connector** plugs into the appropriate powerway terminal.



**Conduit** is flexible and houses wires for 3 or 4 circuits.

**Right-angle elbow** helps position the conduit close to the panel.

## Product Details

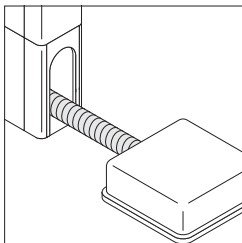


**Power-in** brings power to panel run by connecting to a designated receptacle location or to the end of the powerway.

**Three circuit shared neutral** base power-in fits standard- or larger-size opening receptacles.

**Three circuit separate neutral** and all four circuit base power-ins can only fit in larger-size receptacle openings.

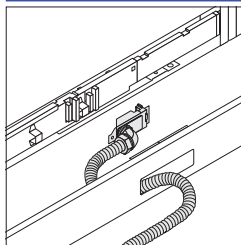
**Conduit** connects power-in to building's power source.



**End power-ins** interface the building power by entering at the end of a panel and connecting to a flag terminal on a powerway. End power-ins occupy the same flag terminal as a power pole. A receptacle opening is not used. If power pole or end power-in and power cable management panel are used together, you must plan accordingly for your installation. If power pole or end power-in and power cable management panel are used together, you must plan accordingly for your installation.

► Page 227

## Connections



**Attaches** to the appropriate location on the powerway depending on powerway width.

**Filler plates** are available so a duplex-size power-in can be used in a larger-size opening.

## Wiring & Cabling

**All the components** in an electrical distribution network must use the same wiring schematic. Components are color coded and keyed to make it impossible to connect mismatched parts.

**Building power source** can come from the floor, wall, or column.

**Conduit leads** must be hardwired to the building wiring by a qualified electrician or engineer.

**Power-ins** are UL listed and CSA certified.

**Local electrical codes vary**, so consult with your local authority having jurisdiction as they have final say if the products as installed are compliant with local code. Consult a qualified electrical contractor or engineer for proper installation of electrical equipment.

**Chicago, New York City, and Los Angeles** have special requirements.  
► Pages 187–189

## Understanding Building Wiring

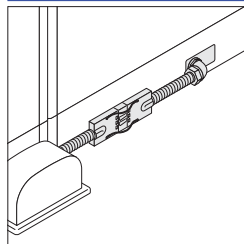
► Page 190

## Surface Materials

### Conduit

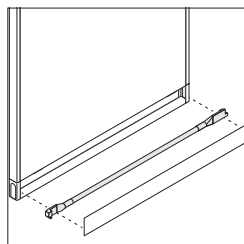
- Black plastic only

## Application Topics



**Breakaway power-in** is mandated for use in health care occupancies in the State of California by the Office of Statewide Health Planning and Development Organization (OSHPD). With 50 pounds of pressure, the connection will come apart to separate live electrical current in the event of panel movement. Breakaway power-ins fit duplex- or over-sized receptacle openings.  
*Tip: This product is not available in Canada.*

► Page 226



**18"W panels** cannot be connected to power-ins because these panels only accommodate pass-through powerways.

## Actual Dimensions

<b>Depth</b>	2½"
<b>Width</b>	5½"
<b>Height</b>	1¾"
<b>Conduit diameter</b>	½"
<b>Conduit length</b>	6'
<b>Elbow depth</b>	1⅝"

# 2" x 2" Power Poles and Cable Poles

2" x 2" Power Poles  
and Cable Poles

Panels

**Power poles** bring building power from the ceiling to the powerways in the base cavity of panels. All five wiring schematics are available. They can also be used to run cables into the top cap or into the panel base cavity.

► Specifying, page 228

**Cable poles** provide a space to route cables from the ceiling to the top cap or base cavity of a panel.

► Specifying, page 230

**Junction box**, at the top of the power pole, encloses the hardwire connection to the building's electrical service.

**Hanger bar** secures the top of the pole to the ceiling grid.

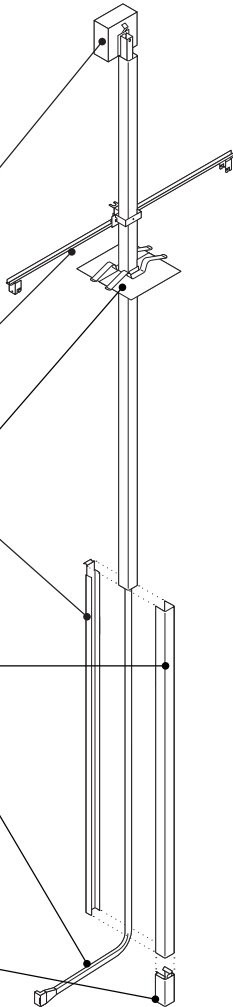
**Ceiling trim plate**

**Carrier** fastens to the edge of the panel and allows the cover to snap into place.

**Filler** conceals power harness and cables routed to the base of the panel.

**Flag connector** attaches to powerway at the designated terminal.

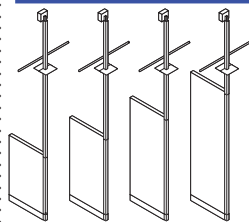
**Base cover** matches the base of adjacent panels.



## Actual Dimensions

Depth	1½"
Width	1⅝"
Hanger bar length	36"

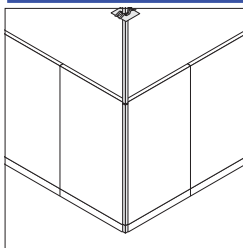
## Product Details



**Four pole heights** are available to correspond to panel heights.

**Ceiling heights** up to 10'4" can be accommodated.

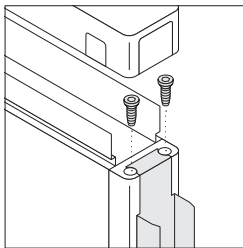
## Connections



**2" x 2" poles** can connect to end-of-run or to an L- or T- configuration. Carrier must always attach to tallest panel. Carrier must attach to center panel in T-configuration.

**Height of the pole** must correspond with the height of the panel it is attached to so that it will connect under the top cap. Adjacent panels can be lower.

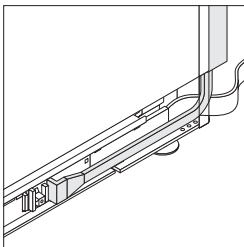
**Alignment rod** links upper and lower parts of pole to ensure straight connection.



**Carrier** fastens to the end of a panel with screws that attach below the top cap. Panel remains undamaged so power and cable pole can be removed and relocated later.

## Wiring & Cabling

**All the components** in an electrical distribution network must use the same wiring schematic. Components are color coded and keyed to make it impossible to connect mismatched parts.



**Flag connector** on the power pole plugs into either end of the powerway. It does not interfere with a receptacle location. If power pole or end power-in and power cable management panel are used together, you must plan accordingly for your installation.

*Exception: Flag connector on the power pole plugs into the green end only of a 24"W powerway.*

**Six to eight ⅜" diameter cables** can be accommodated inside the 2" x 2" power pole or cable pole.

## Surface Materials

**Upper part of pole**

- Paint

**Lower part of pole**

- Fabric

*Tip: For most fabrics, fabric application is standard in the warp horizontal direction.*

► See *Specification Guidelines for Vertical Fabric Applications*, page 356, for details on these exceptions. Warp vertical is available as an option.

**Base**

- Paint (must match upper part)

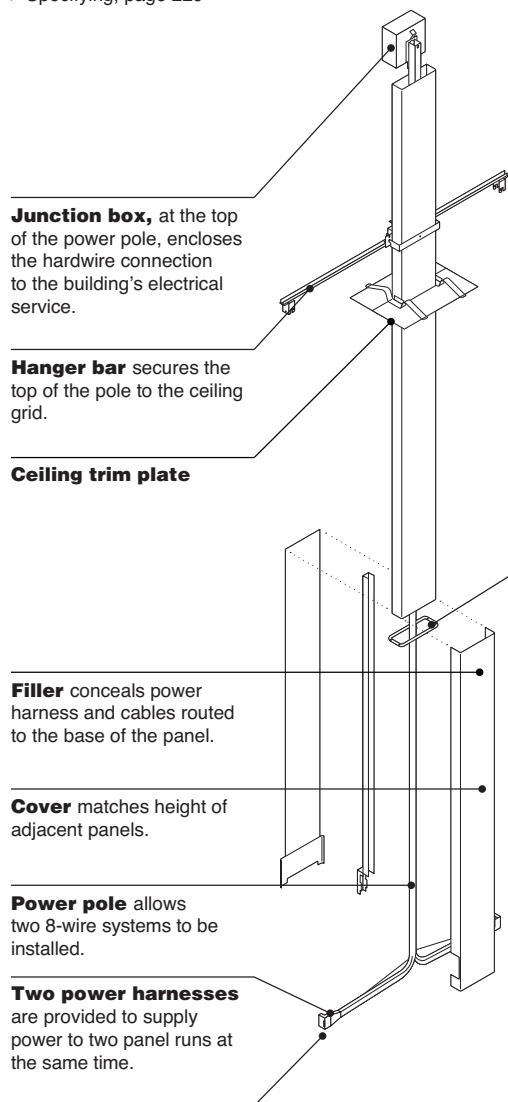
**Ceiling trim plate**

- White paint only

# 2" x 6" Power Poles and Cable Poles

**Power poles** bring building power from the ceiling to the powerways in the base cavity of panels. All five wiring schematics are available. They can also be used to run cables into the top cap or into the panel base cavity.

► Specifying, page 229



**Junction box**, at the top of the power pole, encloses the hardwire connection to the building's electrical service.

**Hanger bar** secures the top of the pole to the ceiling grid.

**Ceiling trim plate**

**Filler** conceals power harness and cables routed to the base of the panel.

**Cover** matches height of adjacent panels.

**Power pole** allows two 8-wire systems to be installed.

**Two power harnesses** are provided to supply power to two panel runs at the same time.

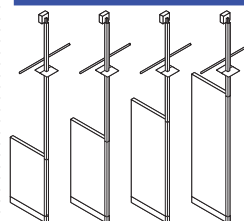
**Flag connector** attaches to powerway at the designated terminal.

**Connector plate** attaches to the top of a panel at the same height as the panel and to the bottom of the panel.

## Actual Dimensions

Depth	2"
Width	6"
Hanger bar length	36"

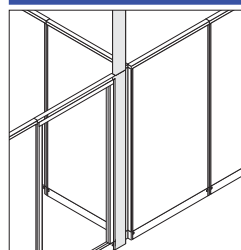
## Product Details



**Four pole heights** are available to correspond to panel heights.

**Ceiling heights** up to 10'4" can be accommodated.

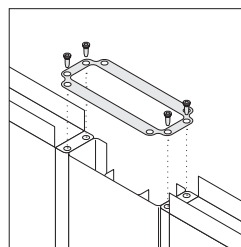
## Connections



**2" x 6" pole** is used in-line with tackable acoustical or transparent panels. It can also be used in L, T, and X configurations.

**Height of the pole** must correspond with the height of the panel it is attached to so that it will connect under the top cap. Adjacent panels must be the same height.

**Alignment rod** links upper and lower parts of pole to ensure straight connection.

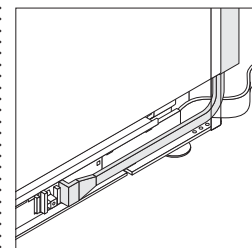


**Connector plate** attaches to the top of a panel at the same height as the panel and to the bottom of the panel.

**Carrier** fastens to the end of a panel with screws that attach below the top cap. Panel remains undamaged so power and cable pole can be removed and relocated later. Plate will be visible after installation.

## Wiring & Cabling

**All the components** in an electrical distribution network must use the same wiring schematic. Components are color coded and keyed to make it impossible to connect mismatched parts.



**Flag connector** on the power pole plugs into either end of the powerway. It does not interfere with a receptacle location. If power pole or end power-in and power cable management panel are used together, you must plan accordingly for your installation.  
*Exception: Flag connector on the power pole plugs into the green end only of a 24"W powerway.*

## Surface Materials

**Upper and lower part of pole**

- Paint

**Connector plate**

- Paint

**Ceiling trim plate**

- White paint only

Application Topics

**2" x 6" power poles** cannot be used in end-of-run applications.

**2" x 6" power poles** cannot be used in a panel change-of-height application.

**Worksurfaces, storage bins, or shelves** cannot be hung from a 2" x 6" power pole.

**Corner fillers** for use with 2" x 6" power poles are available, contact Specials for further information.

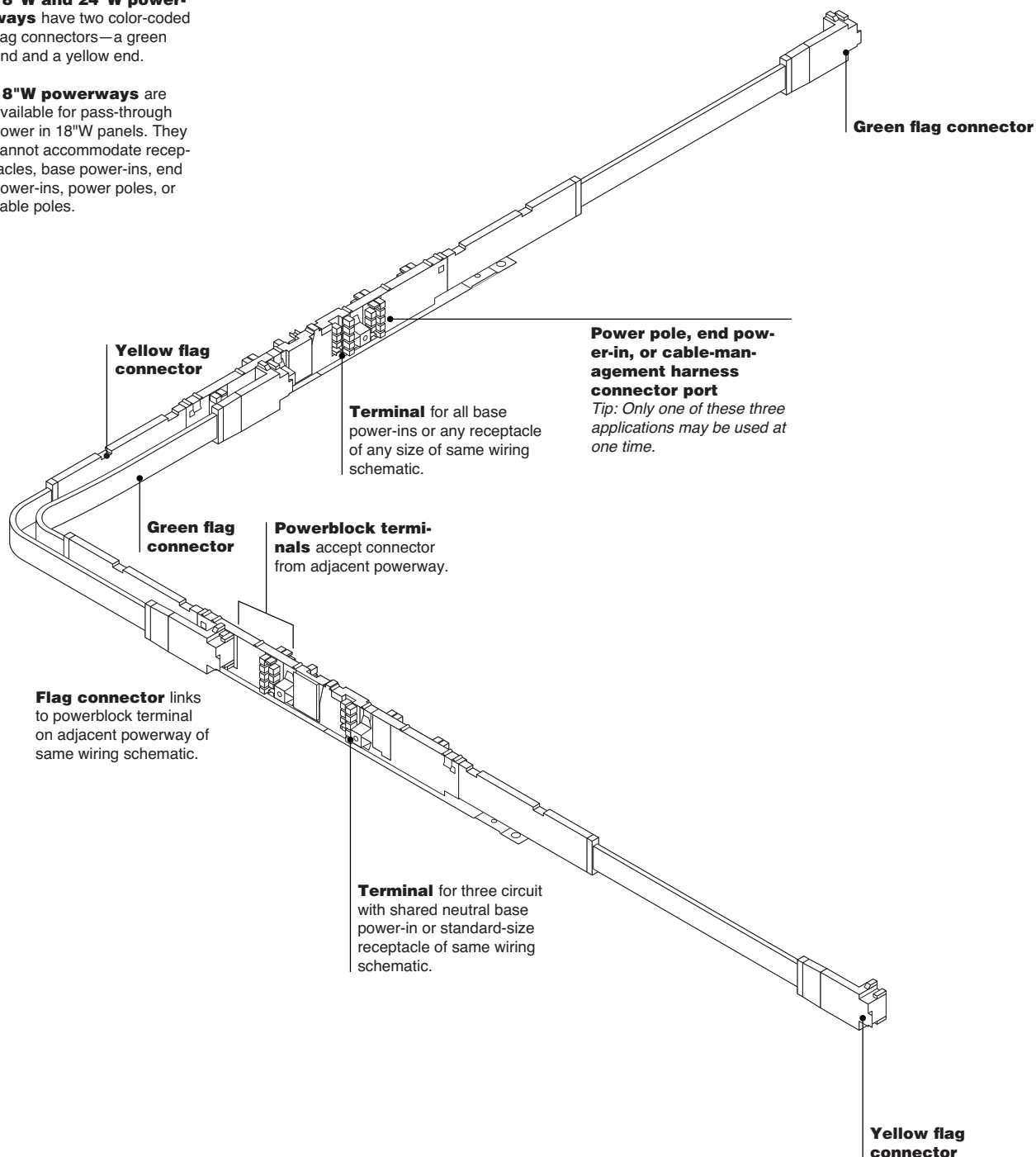
# 18"W and 24"W Powerways

**Powerways** that are installed in the panel base cavity allow power to be distributed wherever panels go. All five wiring schematics are available.

► Specifying, page 231

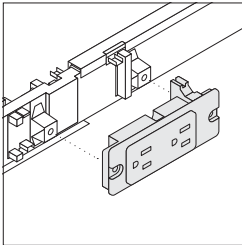
**18"W and 24"W powerways** have two color-coded flag connectors—a green end and a yellow end.

**18"W powerways** are available for pass-through power in 18"W panels. They cannot accommodate receptacles, base power-ins, end power-ins, power poles, or cable poles.





## Product Details



**Receptacles** snap into terminals and are held in place with screws.

- 18"W pass-through powerways have no receptacle locations.
- 24"W powerways have one receptacle location on each side.

► Page 48

## Color coding on 18"W and 24"W powerways

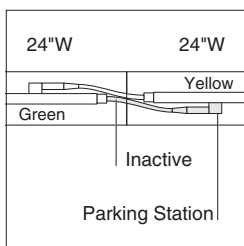
designates opposing ends of the powerway—green represents the power-in end. The yellow end can be used to extend the network to an adjacent powerway.

**Green end of factory-installed powerways** is tagged on the outside of the panel.

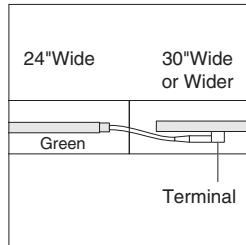
## Connections

**Two rules** for joining 18"W and 24"W powerways apply to every installation:

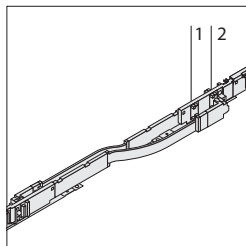
- There must be at least one green end at each intersection.
- There can be no more than one yellow end at each intersection.



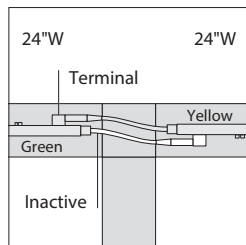
**Flag from the green end of 24"W powerway** is inactive. It connects to parking station on 24"W adjacent powerway.



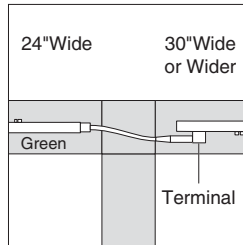
**Flag from the green end of 24"W powerway** connects to the second powerblock terminal of 30"W or wider powerways.



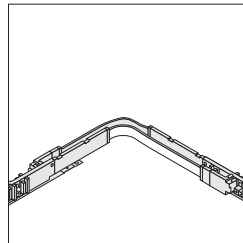
**Straight connection** is formed when a flag connector from the yellow end of one 24"W powerway attaches to the second powerblock terminal on the green end of the adjacent 24"W powerway.



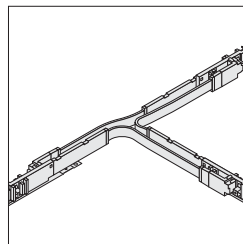
**Straight connection in a T-configuration** requires the flag connector to travel further. It connects from the yellow end of 24"W powerway to the first powerblock terminal on the adjacent 24"W powerway. Flag from the green end of powerway is inactive and parked on adjacent 24"W powerway. Corner wire cover conceals flag connectors.



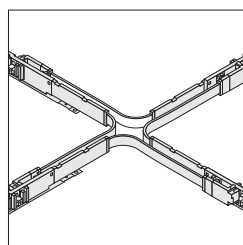
**Straight connection in a T-configuration with 24"W and 30"W or wider powerways** requires flag connector to travel farther. Flag connector from the green end of 24"W powerway connects to first powerblock terminal of 30"W or wider powerway.



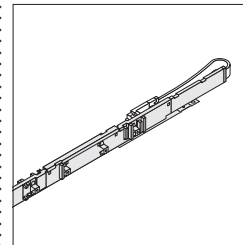
**L-connection** is formed when flag connector turns to left or right.



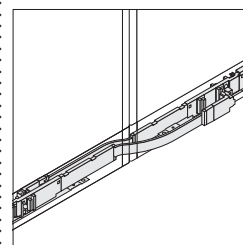
**T-connection** is formed by three flags—two forming an L-connection and the other a straight connection at the junction.



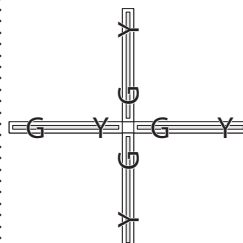
**X-connection** is formed by three flags that make right turns. Remaining connection is inactive.



**End-of-run** is terminated by folding the last flag back and connecting it to its own powerblock terminal.



**In green-green connections the extra flag** can snap onto the extra terminal instead of onto a parking station. This makes a redundant power connection that works the same as a parking station.



**Although it** is possible to power all four panels in an X-configuration with only green ends at the intersection, it is not recommended. One end of a powerway in the intersection should be yellow.

**Wire separator** is available to separate data and telecommunication cables from the powerway. It is available factory installed in tackable acoustical panels. It can be field installed in non-tackable, tackable acoustical, and transparent panels and is available from Service Parts.

## Wiring & Cabling

**All the components in an electrical distribution network** must use the same wiring schematic. Components are color coded and keyed to make it impossible to connect mismatched parts.

**All Steelcase electrical systems** are designed in compliance with the National Electrical Code (NEC) and Canadian Electrical Code (CEC) to function as a multi-wire branch circuit. Installations should be made in accordance with the NEC or CEC provisions for multi-wire branch circuits.

**Local electrical codes vary**, so consult with your local authority having jurisdiction as they have final say if the products as installed are compliant with local code. Consult a qualified electrical contractor or engineer for the proper installation of electrical equipment.

**Chicago, New York City, and Los Angeles** have special requirements. ► Pages 187–189

**Powerways are concealed** when they are properly installed.

## Application Topics

**How Connectors Affect Power Flow**

► Page 57

**Steps to Plan an Electrical Network**

► Page 185

## 30"W to 60"W Powerways

**Powerways** that are installed in the panel base cavity allow power to be distributed wherever panels go. All five wiring schematics are available.

► Specifying, page 231

**30"W and wider powerways** have one green flag connector to extend power to an adjacent powerway. Both ends of the powerway have powerblock terminals.

**Powerblock terminals** accept connector from adjacent powerway of same wiring schematic.

**Terminal** for standard-size receptacle only of same wiring schematic.

**Terminal** for base power-in or receptacle of any size.

**Power pole, end power-in, or cable-management harness connector port** of same wiring schematic.

*Tip: Only one of these three applications may be used at one time on one side of the same panel.*

**Green flag connector**

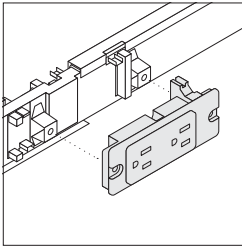
**Powerblock terminals** accept connector from adjacent powerway of same wiring schematic.

**Terminal** for standard-size receptacle only of same wiring schematic.

**Terminal** for any base power-in or any receptacles of any size of same wiring schematic.

**Power pole, end power-in, or cable-management harness connector port** of same wiring schematic.

## Product Details



**Receptacles** snap into terminals and are held in place with screws. 30"W and wider powerways have one receptacle location on each side. 36"W and wider powerways have two receptacle locations on each side.

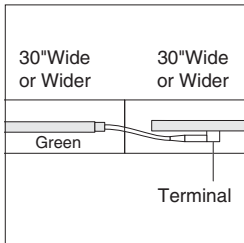
► Page 48

**Green end** of factory-installed powerways is tagged on the outside of the panel.

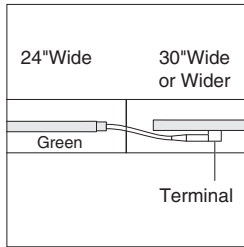
## Connections

**One rule** for joining 30"W and wider powerways applies to every installation:

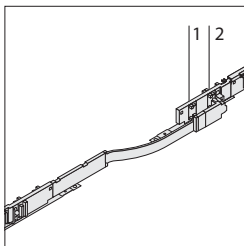
- There must be at least one green end at each intersection.



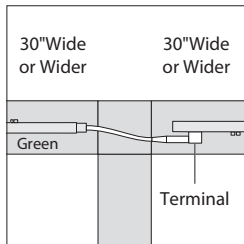
**Flag from the green end** of 30"W or wider powerway is connected to powerblock terminal on adjacent powerway.



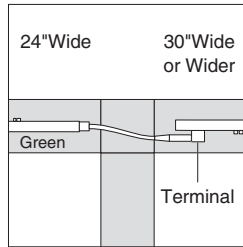
**Flag from the green end** of 24"W powerway connects to the second powerblock terminal of 30"W or wider powerways.



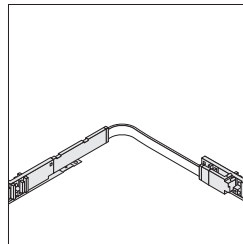
**Straight connection** is formed when a flag connector from one 30"W or wider powerway attaches to the second powerblock terminal on the end of the adjacent 30"W or wider powerway.



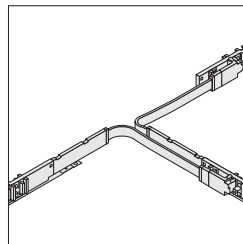
**Straight connection in a T-configuration** of 30"W or wider powerways requires the flag connector to travel farther. It connects to the first powerblock terminal on the adjacent powerway. Corner wire cover conceals flag connectors.



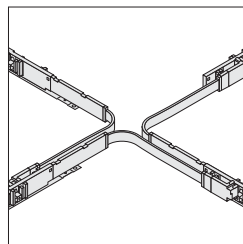
**Straight connection in a T-configuration** with 24"W and 30"W powerways requires flag connector to travel farther. Flag connector from the green end of 24"W powerway connects to first powerblock terminal of 30"W or wider powerway.



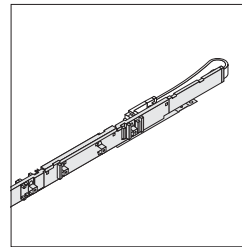
**L-connection** is formed when flag connector turns to left or right.



**T-connection** is formed by two flags that make right turns.



**X-connection** is formed by three flags that make right turns.



**End-of-run** is terminated by folding the last flag back and connecting it to its own powerblock terminal.



**Panel-to-panel connector** can be used with 30"W and wider powerways to create a power link where no flag is available. It also can be used to correct planning and installation oversights without having to reconfigure.

► Page 232

**Wire separator** is available to separate data and telecommunication cables from the powerway. It is available factory installed in tackable acoustical panels. It can be field installed in non-tackable, tackable acoustical, and transparent panels and is available from Service Parts.

## Wiring & Cabling

**All the components** in an electrical distribution network must use the same wiring schematic. Components are color coded and keyed to make it impossible to connect mismatched parts.

**All Steelcase electrical systems** are designed in compliance with the National Electrical Code (NEC) and Canadian Electrical Code (CEC) to function as a multi-wire branch circuit. Installations should be made in accordance with the NEC or CEC provisions for multi-wire branch circuits.

**Local electrical codes vary**, so consult with your local authority having jurisdiction as they have final say if the products as installed are compliant with local code. Consult a qualified electrical contractor or engineer for the proper installation of electrical equipment.

**Chicago, New York City, and Los Angeles** have special requirements.

► Pages 187–189

**Powerways are concealed** when they are properly installed.

## Application Topics

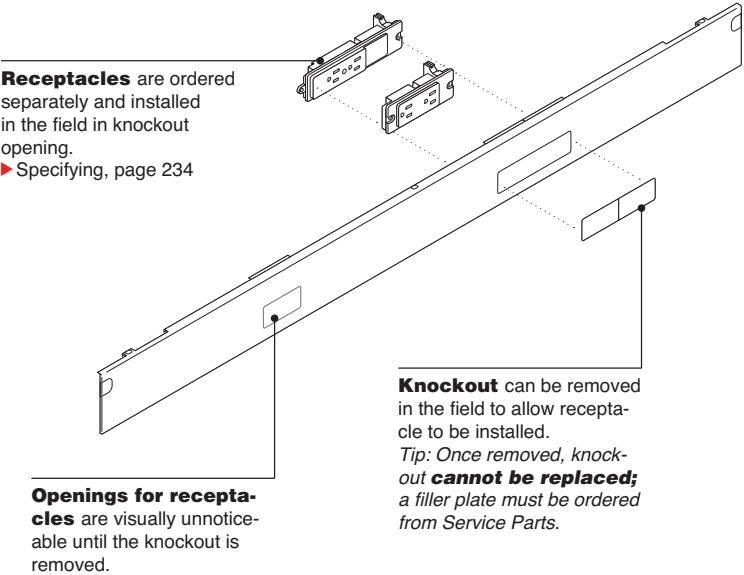
**How Connectors Affect Power Flow**

► Page 57

**Steps to Plan an Electrical Network**

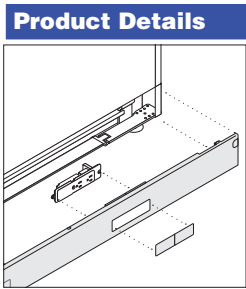
► Page 185

# Base Covers and Receptacles



## Actual Dimensions

Base cover	
Width	17 <sup>3</sup> / <sub>32</sub> " 23 <sup>3</sup> / <sub>32</sub> " 29 <sup>3</sup> / <sub>32</sub> " 35 <sup>3</sup> / <sub>32</sub> " 41 <sup>3</sup> / <sub>32</sub> " 47 <sup>3</sup> / <sub>32</sub> " or 59 <sup>21</sup> / <sub>64</sub> "
Height	3 <sup>23</sup> / <sub>32</sub> "
Receptacle opening	
Width of left opening	2 <sup>3</sup> / <sub>4</sub> "
Width of right opening	5 <sup>1</sup> / <sub>4</sub> "
Height	1 <sup>3</sup> / <sub>8</sub> "



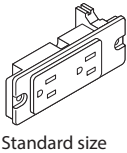
**Base cover** is removable to allow access to cavities in panel base. Base cover contains "invisible" knockouts for receptacles.

**Base covers** have one standard-size opening on the left and a larger-size opening on the right.  
*Exceptions: 24"W and 30"W base covers don't have enough space for two receptacles on each face, so they have a standard-size opening on one side of the panel and a larger-size opening on the reverse side. 18"W panels accommodate pass-through power only, so their base covers do not have receptacle knockouts.*

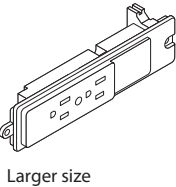
**Knockouts** cannot be accidentally removed by kicking them or striking them with a vacuum cleaner because the pressure to remove the knockout must be applied from the back of the panel. Once removed, knockout cannot be replaced.

**Reusable filler plates** are available to replace the knockout or to fill the gap that results when you use a standard-size receptacle in an oversize opening. Filler plates are available through Service Parts.

**Receptacles** are available in 15-amp and 20-amp versions and are designed to link to a specific circuit. All receptacles are duplex, meaning that they have two outlets, but some are designed to fit in the larger openings of Avenir base covers. As a result, specific lines may be limited to and fit only in specific receptacle locations in the base.



**Duplex receptacles** are one of two sizes. Standard-size receptacles fit in the smaller-size openings (2<sup>3</sup>/<sub>4</sub>"W x 1<sup>3</sup>/<sub>8</sub>"H) of the base cover. The standard-size receptacles will also fit in the larger-size (5<sup>1</sup>/<sub>4</sub>"W x 1<sup>3</sup>/<sub>8</sub>"H) openings with a filler.



**Oversized duplex receptacles** with two outlets will only fit in the larger-size opening of the base cover (5<sup>1</sup>/<sub>4</sub>"W x 1<sup>3</sup>/<sub>8</sub>"H) in 36"W through 60"W panels.

**3-Circuit, Shared**

Line	Size
1	Standard
2	Standard
3	Standard

**3-Circuit, Separate Neutrals**

Line	Size
A	Standard
B	Standard
C	Larger size

**3+D**

Line	Size
1	Standard
2	Standard
3	Standard
4	Larger size

**3I+1**

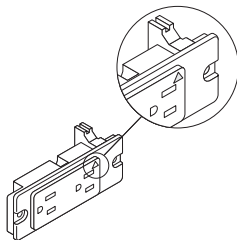
Line	Size
1	Standard
2	Standard
3	Standard
4	Larger size

**2+2**

Line	Size
1	Standard
2	Standard
3	Larger size
4	Larger size

**Numbers** printed on the receptacles indicate the line number. With the 3-circuit, separate neutral system these designations are with letters A, B, or C as compared to 1, 2, 3, or 4 in the other systems.

**Label on receptacle** indicates which circuit the receptacle connects to, so the user can control which devices are on specific circuits.



**Orange triangle** indicates to users the receptacles that are connected to isolated grounds. The following receptacles have isolated ground circuits.

**3 circuit, separate neutrals**

Line A

Line B

**4 circuit, 3+D**

Line 4

**4 circuit, 3I+1**

Line 1

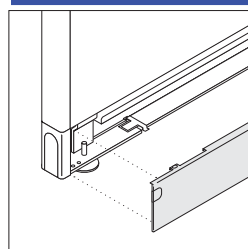
Line 2

Line 3

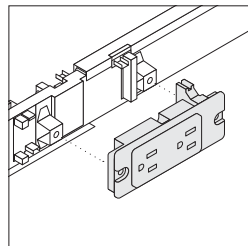
**4 circuit, 2+2**

Line 3

Line 4

**Connections**

**Base covers** are attached to panels with concealed clips and are removable.

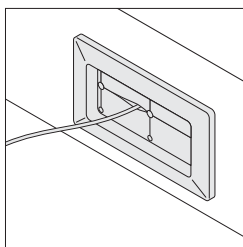


**Receptacles** plug into terminals on powerway and are secured with screws.

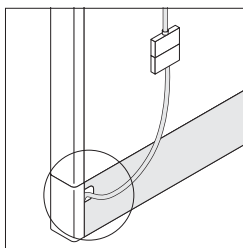
**Wiring & Cabling**

**Any circuit** can be accessed at any receptacle location by using the appropriate receptacle. All five wiring schematics are available.

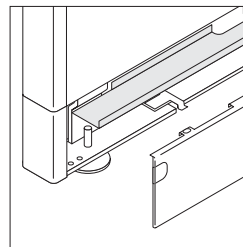
*Tip: All the components in an electrical distribution network must use the same wiring schematic. Components are color coded and keyed to make it impossible to connect mismatched parts.*



**Cable grommets** can be inserted in duplex-size receptacle openings to route cables from the panel base to the worksurface.



**Cable knockouts** at each end of every base cover allow cables to pass through.



**Wire separator** is available to separate telecommunication cables from the powerway. Wire separator is available factory installed in tackable acoustical panels. It can be field installed in non-tackable, tackable acoustical, and transparent panels and is available from Service Parts.

**Surface Materials****Base covers**

- Paint (standard)

**Receptacle**

- Plastic

**Application Topics**

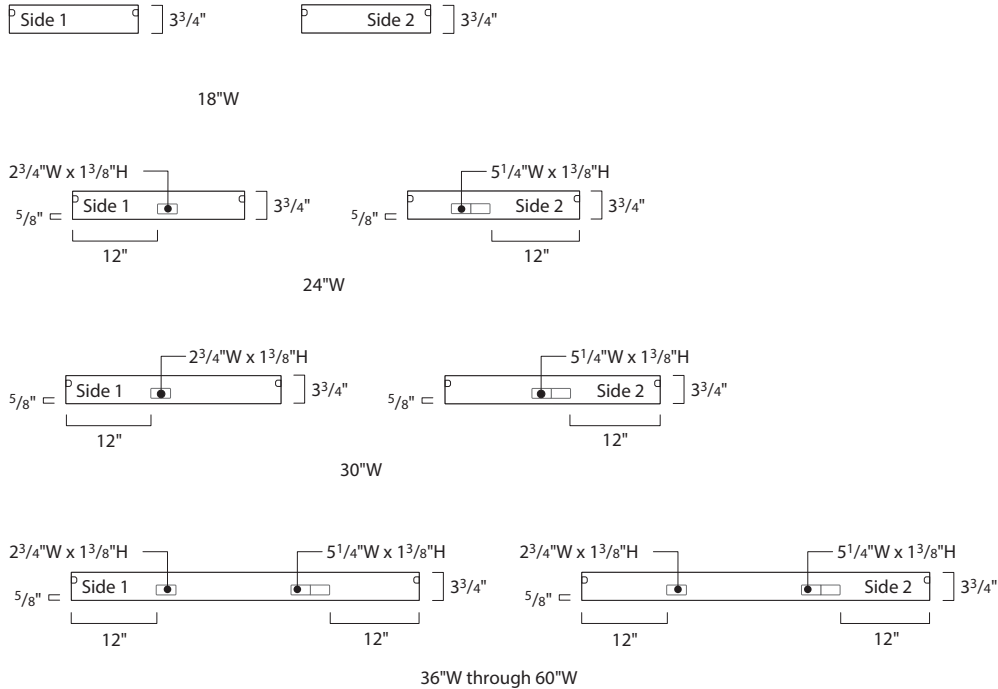
**18"W panels** accommodate pass-through powerways only, so their base covers do not have receptacle openings.

**Base power-ins** are available to fit standard-size or larger-size openings. To avoid using a receptacle position for a base power-in, use an end power-in, or power pole of same wiring schematic.

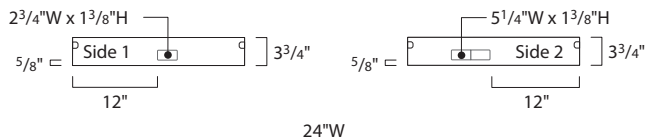
► Page 40

# Receptacle Locations

## Straight Non-Tackable and Tackable Acoustical Panels



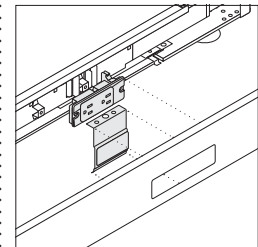
## Straight Transparent Panels



**All panels** can be part of a distribution network, but receptacles are available only in the base covers shown below. Standard-size receptacles can be positioned in any opening. Over-size receptacles fit in larger-size openings.

**18\"W panels** accommodate pass-through powerways only, so their base covers do not have receptacle openings.

**Base covers** can be moved to the other side of a straight panel in the field.



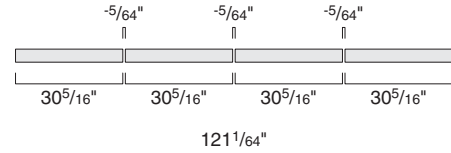
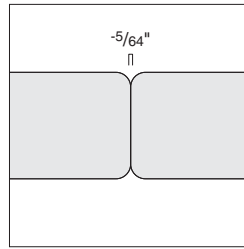
**Gap** that results when you use a standard-size receptacle, or a standard-size base power-in, in a larger-size opening must be closed with a filler plate. Filler plates are available through Service Parts.

**Base power-ins** are available to fit standard-size or larger-size receptacle openings. To avoid using a receptacle position for a base power-in, use an end power-in.

► Page 40

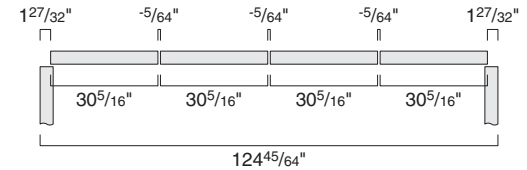
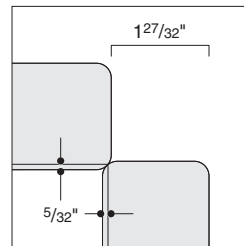
**Small increments** are added or deducted to the length of a run of panels because of the different ways that panels are connected to each other. The accumulation of these increments is called panel creep.

**Deduct  $\frac{5}{64}$ "** at each panel seam when panels are connected in line.



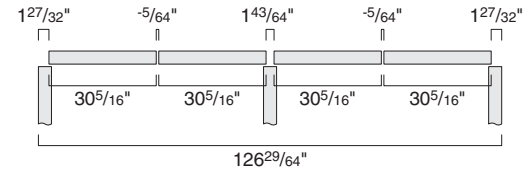
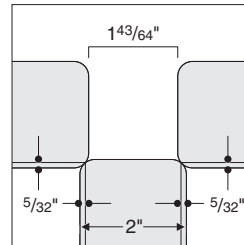
$$30\frac{5}{16}'' + 30\frac{5}{16}'' + 30\frac{5}{16}'' + 30\frac{5}{16}'' + (-\frac{5}{64}'' + -\frac{5}{64}'' + -\frac{5}{64}'') = 121\frac{1}{64}''$$

**Add  $1\frac{27}{32}$ "** each time a perpendicular panel is joined to the end of a panel run with a universal connector.



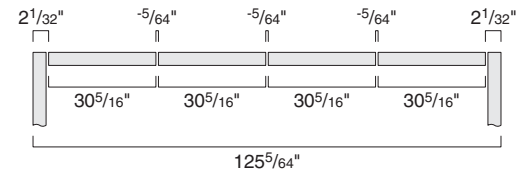
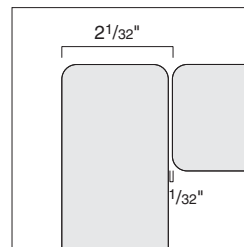
$$30\frac{5}{16}'' + 30\frac{5}{16}'' + 30\frac{5}{16}'' + 30\frac{5}{16}'' + (-\frac{5}{64}'' + -\frac{5}{64}'' + -\frac{5}{64}'') + 1\frac{27}{32}'' + 1\frac{27}{32}'' = 124\frac{45}{64}''$$

**Add  $1\frac{43}{64}$ "** each time a perpendicular panel is inserted into a run of panels with universal connectors.



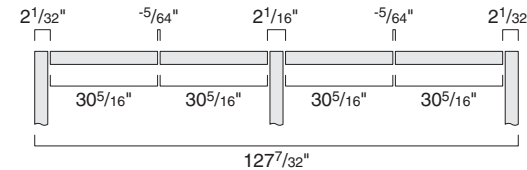
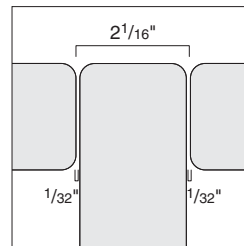
$$30\frac{5}{16}'' + 30\frac{5}{16}'' + 30\frac{5}{16}'' + 30\frac{5}{16}'' + (-\frac{5}{64}'' + -\frac{5}{64}'' + -\frac{5}{64}'') + 1\frac{27}{32}'' + 1\frac{27}{32}'' + 1\frac{43}{64}'' = 126\frac{29}{64}''$$

**Add  $2\frac{1}{32}$ "** each time a closed-configuration connector is used to join a perpendicular panel at the end of a panel run.



$$30\frac{5}{16}'' + 30\frac{5}{16}'' + 30\frac{5}{16}'' + 30\frac{5}{16}'' + (-\frac{5}{64}'' + -\frac{5}{64}'' + -\frac{5}{64}'') + 2\frac{1}{32}'' + 2\frac{1}{32}'' = 125\frac{5}{64}''$$

**Add  $2\frac{1}{16}$ "** each time a closed-configuration connector is used to insert a perpendicular panel into a run of panels.



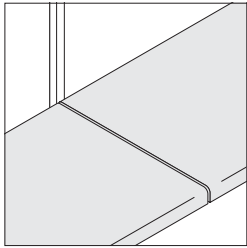
$$30\frac{5}{16}'' + 30\frac{5}{16}'' + 30\frac{5}{16}'' + 30\frac{5}{16}'' + (-\frac{5}{64}'' + -\frac{5}{64}'' + -\frac{5}{64}'') + 2\frac{1}{32}'' + 2\frac{1}{32}'' + 2\frac{1}{16}'' = 127\frac{7}{32}''$$



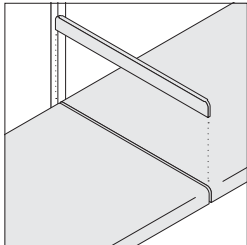
# How Panel-Supported Components Fit

**Dimensions** of panels and panel-supported components, such as worksurfaces, shelves, and overhead storage bins, don't match exactly. Panels are slightly larger to allow for the  $\frac{5}{32}$ " overlap of perpendicular panels.

► Page 51



**Two smaller worksurfaces** can fit in the space of a single large worksurface, but a slight gap will result where the worksurfaces meet. For example, two 30"W worksurfaces can be used in place of a single  $60\frac{9}{32}$ "W worksurface.

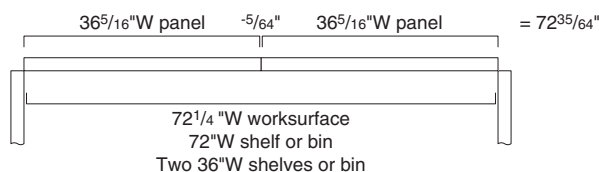
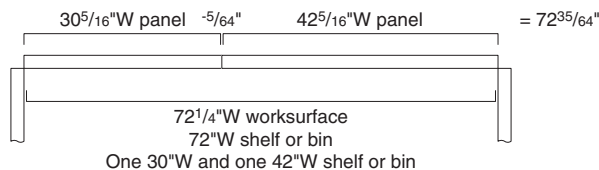
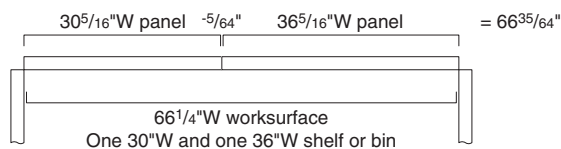
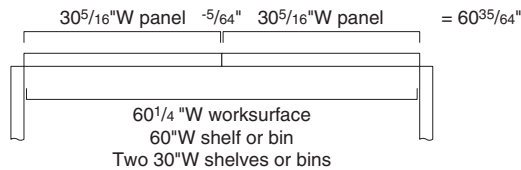
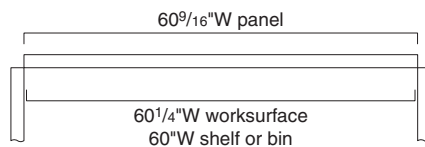
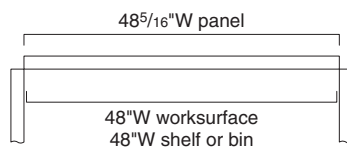
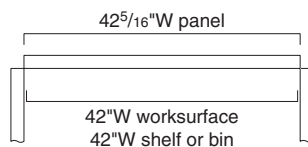
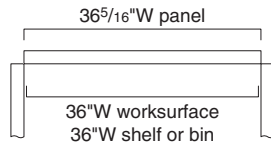
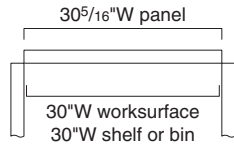


**Worksurface fillers** can be used to fill in the slight gaps that result in unusual configurations.

*Tip: Because of different furniture applications and installation techniques, it is suggested that worksurface fillers be ordered after the worksurface installation.*

**Corner worksurfaces** are never wrapped by panels on both ends, like rectangular worksurfaces. Therefore, they are slightly larger to reduce or eliminate gaps.

## How Furniture Relates to Panel Sizes

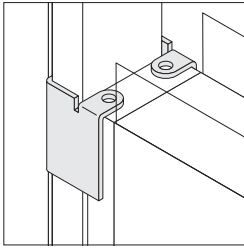




# Solutions to Overhead Storage Problems Caused by PAB2 Brackets

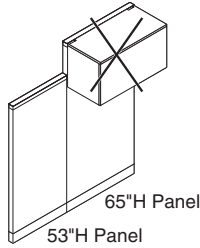
Solutions to Overhead  
Storage Problems Caused  
by PAB2 Brackets

Panels



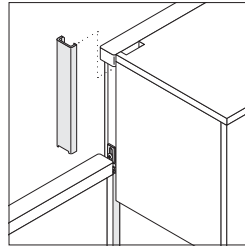
**PAB2 brackets** are used to connect panels of different heights. Because PAB2 brackets occupy a portion of the slotted channel in the taller panel, they prevent overhead storage cabinets and shelves from being attached in some configurations.

► Page 26



**When a PAB2 bracket** is used to attach a 53"H or 65"H panel to a taller panel, the slotted channel of the taller panel will be partially blocked and prevent the overhead storage component from being attached to the taller panel.

*Tip: Mounting overhead storage components higher or lower than the standard height or mounting them on adjacent panels may be an acceptable solution in some installations.*



**Change-of-height panel connectors** can be used instead of PAB2 connectors in many configurations to allow overhead storage components to be attached.

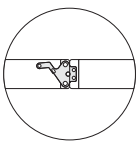
► Page 31

## Diagrams below and on the following pages

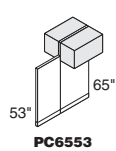
show how to configure change-of-height installations to avoid blocking the slotted channels. Most use one or more change-of-height panel connectors.

The style numbers are shown under the individual drawings. Some installations also require the special connector bracket. The frames and quantities of all the components needed are listed underneath the round detail drawings.

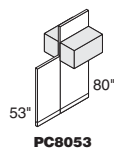
## Straight Connections



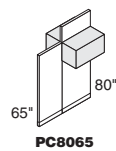
1 Change-of-Height  
Panel Connector



PC6553

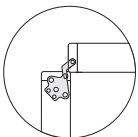


PC8053

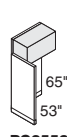


PC8065

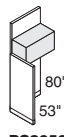
## L-Connections



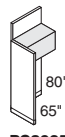
1 Change-of-Height  
Panel Connector



PC6553



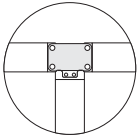
PC8053



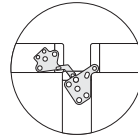
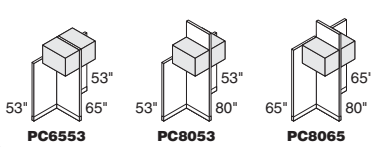
PC8065

## Solutions to Overhead Storage Problems Caused by PAB2 Brackets, continued

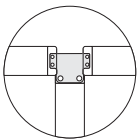
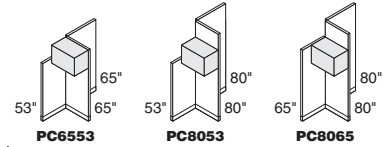
### T-Connections



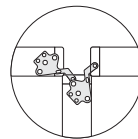
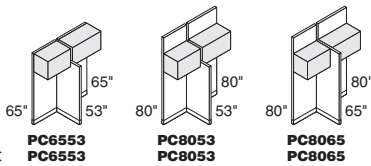
- 1 Change-of-Height Panel Connector
- 1 PAB5E Connector Bracket



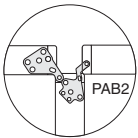
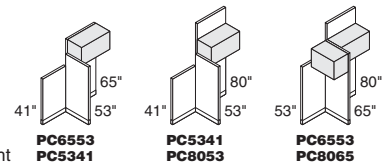
- 1 Change-of-Height Panel Connector
- 1 Universal Connector



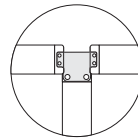
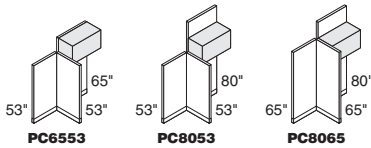
- 2 Change-of-Height Panel Connectors
- 1 PAB5F Connector Bracket



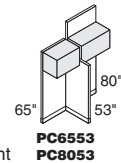
- 2 Change-of-Height Panel Connectors



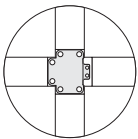
- 1 Change-of-Height Panel Connector
- 1 Universal Connector or PAB5G Connector Bracket for fixed-T Connection



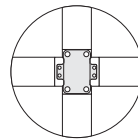
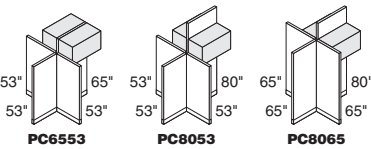
- 2 Change-of-Height Panel Connectors
- 1 PAB5F Connector Bracket



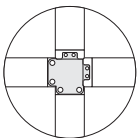
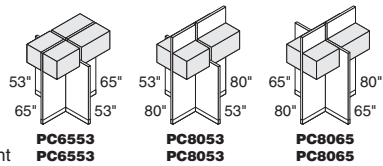
### X-Connections



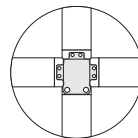
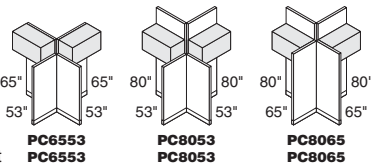
- 1 Change-of-Height Panel Connector
- 1 PAB5B Connector Bracket



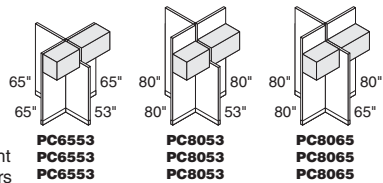
- 2 Change-of-Height Panel Connectors
- 1 PAB5D Connector Bracket



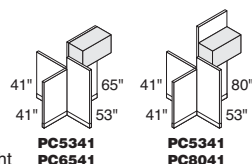
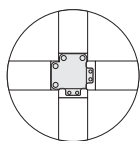
- 2 Change-of-Height Panel Connectors
- 1 PAB5C Connector Bracket



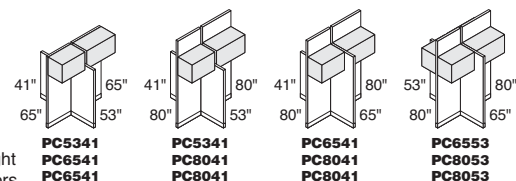
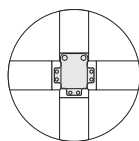
- 3 Change-of-Height Panel Connectors
- 1 PAB5A Connector Bracket



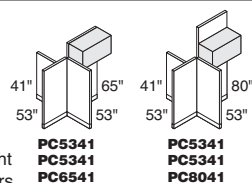
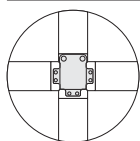
## X-Connections, continued



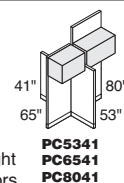
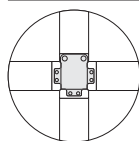
2 Change-of-Height  
Panel Connectors  
1 PAB5C  
Connector Bracket



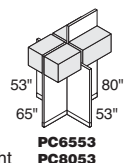
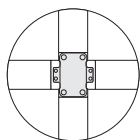
3 Change-of-Height  
Panel Connectors  
1 PAB5A  
Connector Bracket



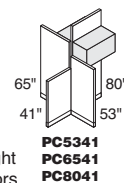
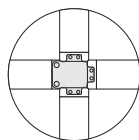
3 Change-of-Height  
Panel Connectors  
1 PAB5A  
Connector Bracket



3 Change-of-Height  
Panel Connectors  
1 PAB5A  
Connector Bracket



2 Change-of-Height  
Panel Connectors  
1 PAB5D  
Connector Bracket

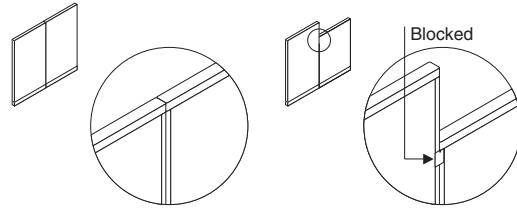


3 Change-of-Height  
Panel Connectors  
1 PAB5A  
Connector Bracket

# How Connectors Affect Panel-Supported Components

**Panel's ability** to support components is directly affected by the way panels are connected. Choose a connector that will accommodate your workstation's needs.

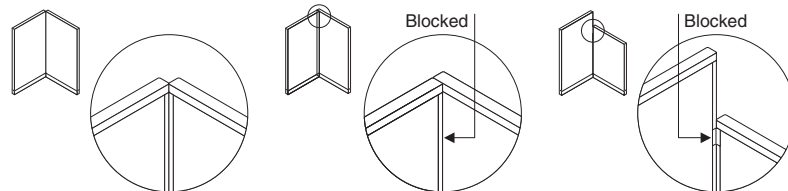
## Straight Connections



**Universal connectors** do not interfere with panel-supported components.

**Varying-height connector packages (PAB2)** block a portion of the slotted channel on both sides of the taller panel.

## L-Connections

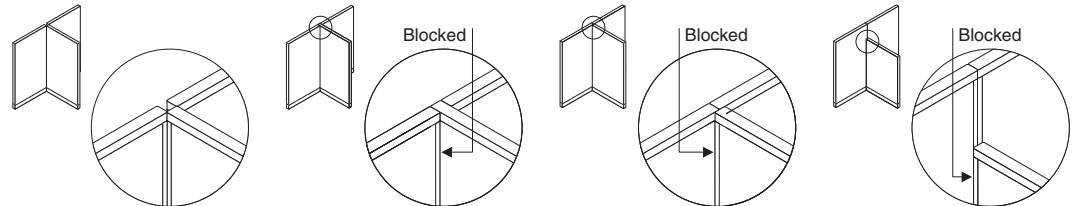


**Universal connectors** do not interfere with panel-supported components.

**Closed-configuration connector packages (PAB9)** block the slotted channel on one side of the perpendicular panel.

**Varying-height connector packages (PAB2)** block a portion of the slotted channel on one side of the taller panel.

## T-Connections



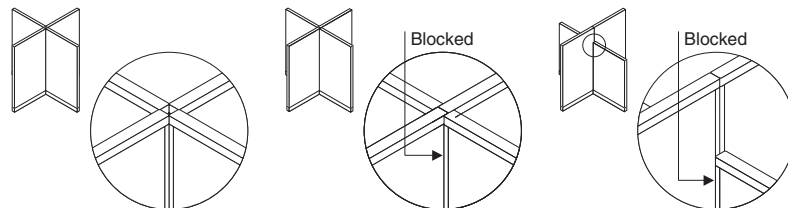
**Universal connectors** do not interfere with panel-supported components.

**Closed-configuration connector packages (PAB9)** block the slotted channel on both sides of the perpendicular panel.

**Perpendicular connector packages (PAB4)** block the slotted channels of the two in-line panels.

**Varying-height perpendicular connector packages (PAB3)** block a portion of the slotted channel on one side of each of the taller panels.

## X-Connections



**Universal connectors** do not interfere with panel-supported components.

**Perpendicular connector packages (PAB4)** block the slotted channels of the two in-line panels.

**Varying-height perpendicular connector packages (PAB3)** block a portion of the slotted channel on each side of each of the taller panels.

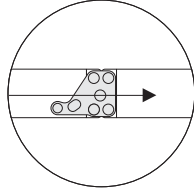
# How Connectors Affect Power Flow

How Connectors Affect  
Power Flow

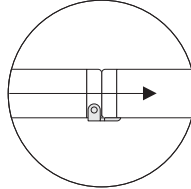
Panels

**Panel connections** affect how power flows through panels. Choose a connector that will accommodate your workstation's needs.

## Straight Connections

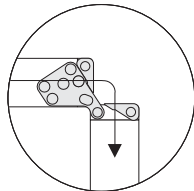


**Universal connectors** do not interrupt power flow.

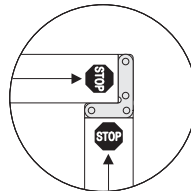


**Varying-height connector packages** do not interrupt power flow.

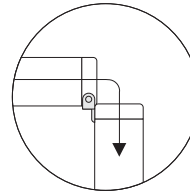
## L-Connections



**Universal connectors** do not interrupt power flow.

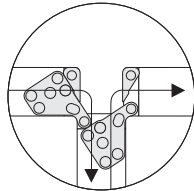


**Closed-configuration connector packages** do not interrupt power flow if lap joints and shorter base covers are used. They are available upon request.

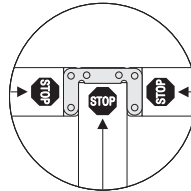


**Varying-height connector packages** do not interrupt power flow.

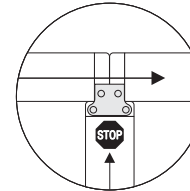
## T-Connections



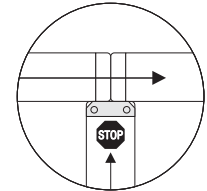
**Universal connectors** do not interrupt power flow.



**Closed-configuration connector packages** do not interrupt power flow if lap joints and shorter base covers are used. They are available upon request.

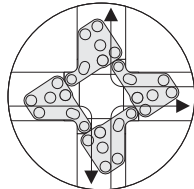


**Perpendicular connector packages** disrupt power flow in the perpendicular panel.

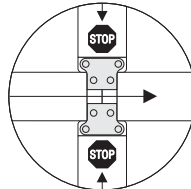


**Varying-height perpendicular connector packages** disrupt power flow in the perpendicular panel.

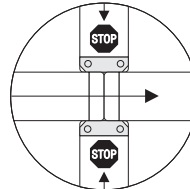
## X-Connections



**Universal connectors** do not interrupt power flow.



**Perpendicular connector packages** disrupt power flow in both perpendicular panels.



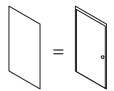
**Varying-height perpendicular connector packages** disrupt power flow in both perpendicular panels.

# Rules for Panel Stability

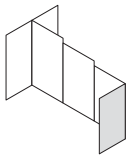
**Avenir, when properly installed**, is designed to be a very stable furniture system. The guidelines presented here are methods that will help you maximize the performance of workstations using panels alone or panel-supported components. To maximize performance and stability, the installation instructions that accompany each furniture should be strictly observed.



An **"X"** over a drawing means that this application is not recommended.



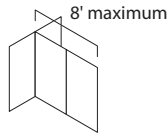
**Panel doors and door frames** follow the same stability rules as non-tackable and tackable acoustical panels.



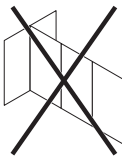
**Change of height** has no effect on these stability rules.

## Rules for Non-Tackable and Tackable Acoustical Panels

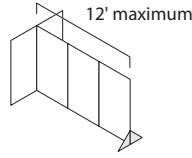
### Two-Panel Runs



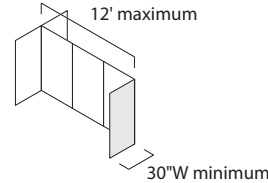
### Three-Panel Runs



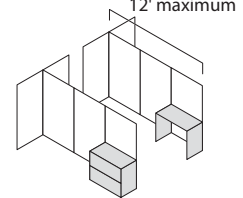
**Unstable.** Requires additional support at end of panel run.



**Stabilizer feet** provide stability at end of panel run.

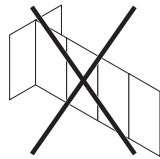


**Perpendicular panel** provides stability at end of panel run.

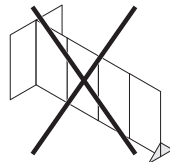


**Furniture** provides stability at end of panel run.  
*Tip: Not recommended on 80"H panels in a 12' run.*

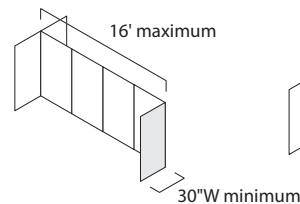
### Four-Panel Runs



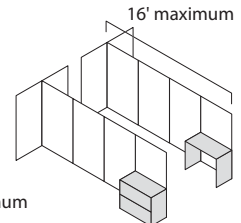
**Unstable.** Requires additional support at end of panel run.



**Unstable.** Requires a perpendicular panel or furniture as support at end of panel run.

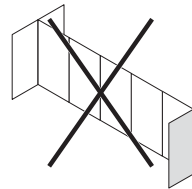


**Perpendicular panel provides** stability at end of panel run.



**Furniture** provides stability at end of panel run.  
*Tip: Not recommended on 80"H panels in a 16' run.*

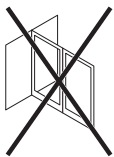
### Five-Panel Runs



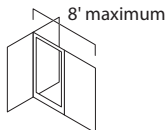
**Unstable.** Requires additional support.

## Rules for Transparent Panels

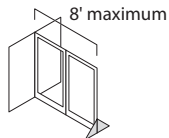
## Two-Panel Runs



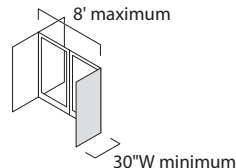
**Two transparent panels** require additional support.



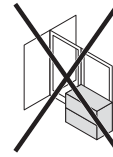
**Two panels** are stable if transparent panel is not at end of run.



**Stabilizer feet** provide stability at end of panel run.

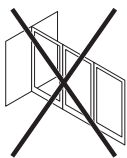


**Perpendicular panel** provides stability at end of panel run.

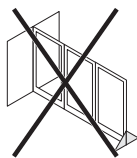


**Furniture** used in front of transparent panels adds stability but blocks the view.

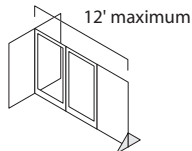
## Three-Panel Runs



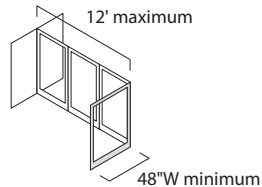
**Unstable.** Requires additional support at end of panel run.



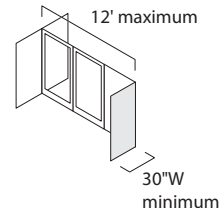
**Unstable.** Requires a perpendicular panel or furniture as support at end of panel run.



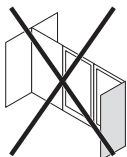
**Stabilizer feet** provide stability if last panel is not a transparent panel.



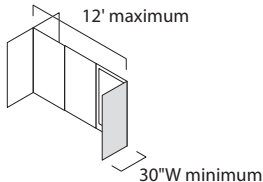
**Straight transparent perpendicular panel** provides stability at end of a three-panel run of straight transparent panels.



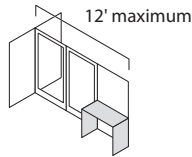
**Tackable acoustical panel** provides stability if two transparent panels are not at the end of a run.



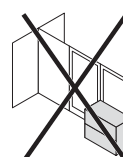
**Unstable.** Two transparent panels require additional support if they're at the end of a three-panel run.



**Tackable acoustical panel** provides stability if only one transparent panel is at the end of a run.

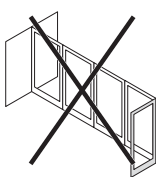


**Furniture** provides stability if transparent panel is not at the end of a run.  
*Tip: Not recommended on 80"H panels in a 12' run.*

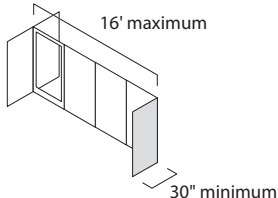


**Furniture** used in front of transparent panels adds stability but blocks the view.

## Four-Panel Runs

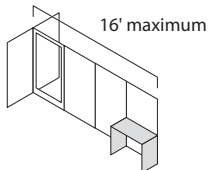


**Unstable.** Transparent panels do not provide stability as a complete panel run.



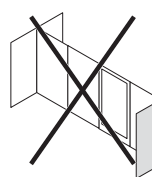
**Perpendicular panel** provides stability at end of panel run.

**Straight transparent panels** can only be used in the first and second positions.

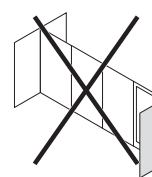


**Furniture** provides stability at end of panel run.

**Straight transparent panels** can only be used in the first and second positions.



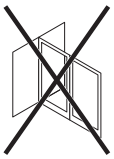
**Unstable.** Transparent panel requires additional support at the end of a run.



**Unstable.** Transparent panel requires additional support at the end of a run.

# Rules for Panel Stacker Stability

**Avenir, when properly installed,** is designed to be a very stable furniture system. The guidelines presented here are methods that will help you maximize the performance of workstations using panels alone or panel-supported components. To maximize performance and stability, the installation instructions that accompany each furniture should be strictly observed.



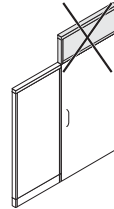
An “X” over a drawing means that this application is not recommended.

In general, the rules for panel stackers apply the same as if the stacker and base panel were one panel (See Rules for Panel Stability).

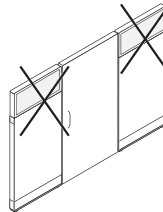
**Maximum height.** Stackers are not designed to go from floor to ceiling. Consult local building codes when stacking above standard panel heights, especially above 72"H.

## Rules for Glass and Fabric Panel Stackers

### Doors

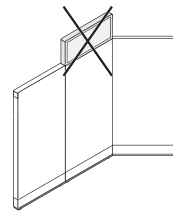


**Unstable.** Stackers do not mount above Avenir panel frames with doors.

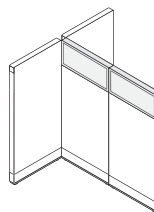


**Unstable.** Door cannot be connected to a panel with a stacker.

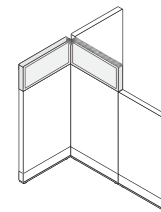
### Freestanding Applications



**Unstable.** Requires a connection to a perpendicular return stacker or panel for rigidity.

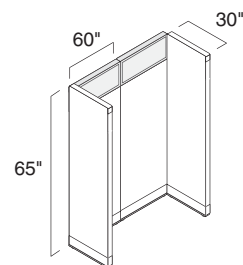


**Perpendicular panel** provides rigidity at end of stacker run.



**Perpendicular panel** provides rigidity at end of stacker run.

### 60"W Stacker Panels



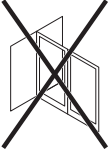
**For stackers on panels,** minimum of 30"W same height return panels are required.



# Rules for Panel Stability with Components\*

Rules for Panel Stability  
with Components\*

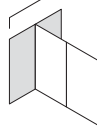
**Maximum panel stability** is always achieved when loads are counterbalanced by similar loads on the opposite side of the panels. The recommendations shown here apply to non-tackable. Components cannot be supported by straight transparent panels.



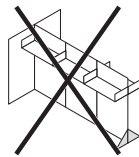
An "X" over a drawing means that this application is not recommended.

## Methods for Stabilizing Panels

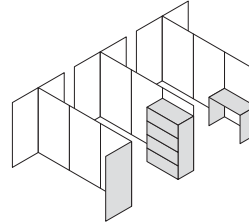
60" minimum



**Connect to a wall** or a perpendicular run of panels at least 60"W.



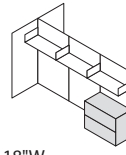
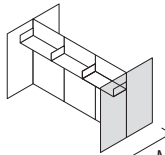
**Stabilizer feet should not be used** when panels have panel-supported components.



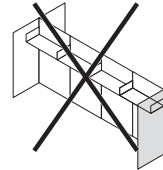
**Connect** to perpendicular panels or a worksurface with at least one end panel or clear-access end panel.

## Rules for Panel Stability

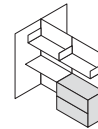
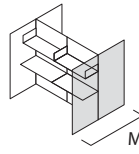
**Panel runs with one** panel-supported component per panel require stability every three panels.



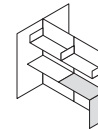
Minimum two 18"W panel run-offs



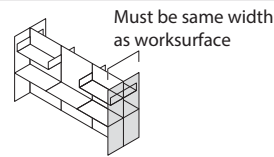
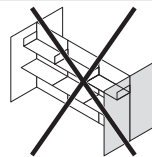
**Panel runs with two** panel-supported components per panel require stability every two panels.



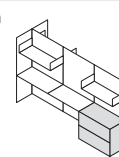
Minimum two 24"W panel run-offs



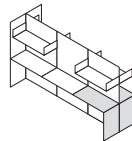
**Panel runs with two** panel-supported components per panel can be extended for three panels, if the center panels only support one component and all loads are counterbalanced.



Must be same width as worksurface

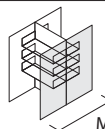


Tip: Not recommended on 80"H panels in a 16' run.



Tip: Not recommended on 80"H panels in a 16' run.

**Fully loaded panels** must be counterbalanced. In addition, panel run-offs are required at both ends of the panel.



Minimum two 18"W panel run-offs

\*Panel components include storage bins, shelves, worksurfaces, and worksurface-supported pedestals.



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# Understanding Worksurfaces and Related Products

## Product Details

Avenir Universal Systems Worksurfaces	65
Avenir Worksurfaces	85



# Understanding Avenir Universal Systems Worksurfaces

	
Statement of Line	66

## 

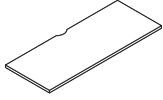
Product Details	
Avenir Universal Systems Worksurfaces	70
Worksurface Support Guidelines	73
Rules for Using Avenir Universal Systems Worksurfaces with Avenir Panels	75
Transaction Worksurfaces	76
Panel-Mounted Universal Systems Worksurface Supports for Avenir Panel Applications	78
Legs and Supports for Avenir Universal Systems Worksurfaces	80
Freestanding Guidelines for Systems Worksurfaces	82

# Statement of Line

## Worksurfaces

### Worksurface dimensions shown

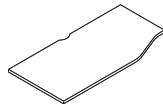
apply to laminate versions of each worksurface.



Understanding  
 ▶ Page 70  
 Specifying  
 ▶ Page 240

## Straight Worksurfaces

	$30\frac{1}{8}"$	$36\frac{1}{8}"$	$42\frac{1}{8}"$	$48\frac{1}{8}"$	$54\frac{11}{32}"$	$60\frac{11}{32}"$		
$18\frac{3}{8}"$								
	553 sq. in.	663 sq. in.	773 sq. in.	884 sq. in.	998 sq. in.	1108 sq. in.		
	$24\frac{1}{8}"$	$30\frac{1}{8}"$	$36\frac{1}{8}"$	$42\frac{1}{8}"$	$48\frac{1}{8}"$	$54\frac{11}{32}"$	$60\frac{11}{32}"$	$66\frac{11}{32}"$
$23\frac{1}{2}"$								
	566 sq. in.	707 sq. in.	848 sq. in.	989 sq. in.	1130 sq. in.	1277 sq. in.	1418 sq. in.	1559 sq. in.
	$24\frac{1}{8}"$	$30\frac{1}{8}"$	$36\frac{1}{8}"$	$42\frac{1}{8}"$	$48\frac{1}{8}"$	$54\frac{11}{32}"$	$60\frac{11}{32}"$	$66\frac{11}{32}"$
$29\frac{1}{2}"$								
	711 sq. in.	888 sq. in.	1065 sq. in.	1242 sq. in.	1419 sq. in.	1603 sq. in.	1780 sq. in.	1957 sq. in.
								$72\frac{11}{32}"$
								2134 sq. in.



Understanding  
 ▶ Page 70  
 Specifying  
 ▶ Page 242

## Transition Worksurfaces\*

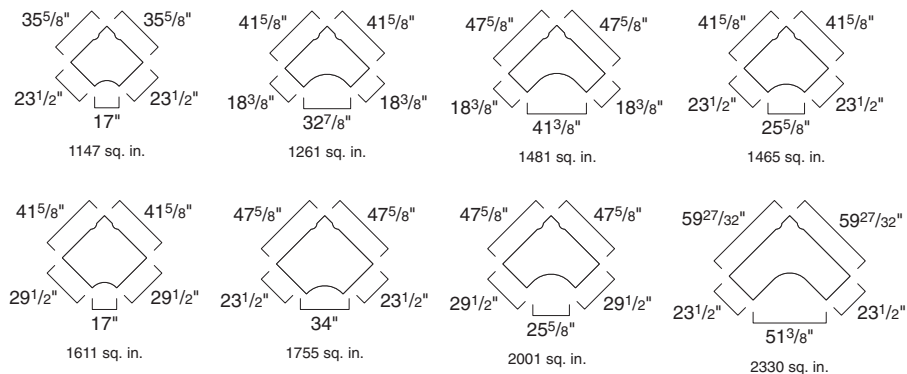
$23\frac{1}{2}"$	$36\frac{1}{8}"$	$18\frac{3}{8}"$	$23\frac{1}{2}"$	$42\frac{1}{8}"$	$18\frac{3}{8}"$	$23\frac{1}{2}"$	$48\frac{1}{8}"$	$18\frac{3}{8}"$	$23\frac{1}{2}"$	$54\frac{11}{32}"$	$18\frac{3}{8}"$	$23\frac{1}{2}"$	$60\frac{11}{32}"$	$18\frac{3}{8}"$
	14"			20"			26"			32"			38"	
	792 sq. in.			933 sq. in.			1074 sq. in.			1221 sq. in.			1362 sq. in.	
$29\frac{1}{2}"$	$36\frac{1}{8}"$	$23\frac{1}{2}"$	$29\frac{1}{2}"$	$42\frac{1}{8}"$	$23\frac{1}{2}"$	$29\frac{1}{2}"$	$48\frac{1}{8}"$	$23\frac{1}{2}"$	$29\frac{1}{2}"$	$54\frac{11}{32}"$	$23\frac{1}{2}"$	$29\frac{1}{2}"$	$60\frac{11}{32}"$	$23\frac{1}{2}"$
	14"			20"			26"			32"			38"	
	993 sq. in.			1170 sq. in.			1347 sq. in.			1531 sq. in.			1708 sq. in.	

\*Left-hand units shown.  
 Right-hand units available.



Understanding  
 ▶ Page 70  
 Specifying  
 ▶ Page 244

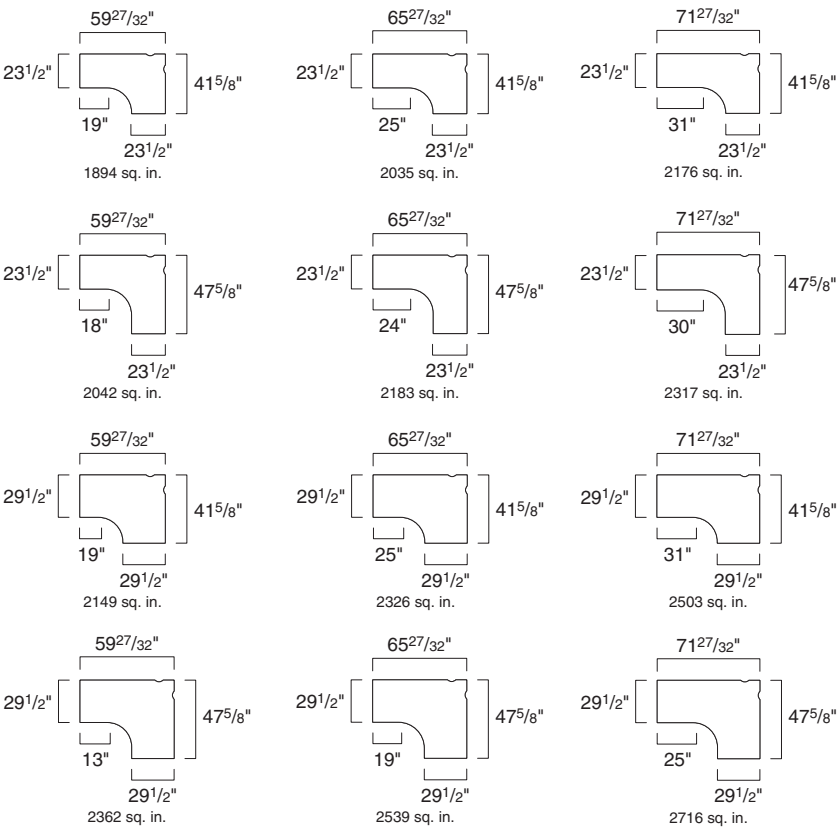
## Corner, Curved-Front Worksurfaces





Understanding  
▶ Page 70  
Specifying  
▶ Page 246

Extended Corner, Curved-Front Worksurfaces\*

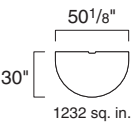


\*Left-hand units shown.  
Right-hand units available.

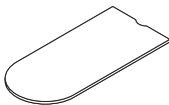


Understanding  
▶ Page 70  
Specifying  
▶ Page 248

Spanner Worksurfaces

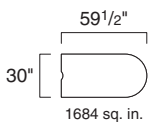


For Panel-Supported  
Applications



Understanding  
▶ Page 70  
Specifying  
▶ Page 249

Bullet Peninsula Worksurfaces

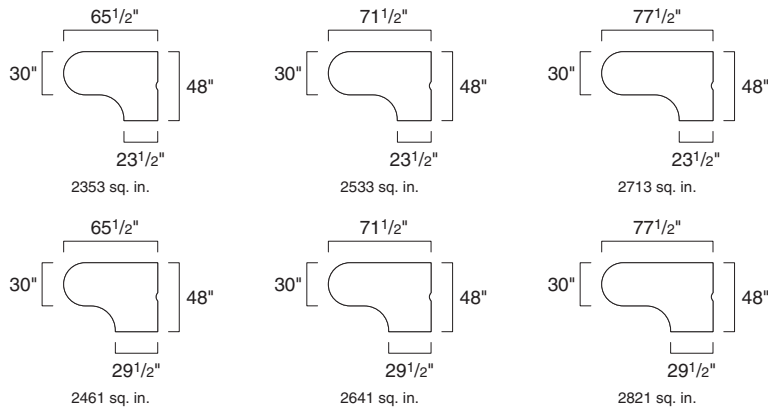






Understanding  
 ▶ Page 70  
 Specifying  
 ▶ Page 250

## Jetty Worksurfaces\*



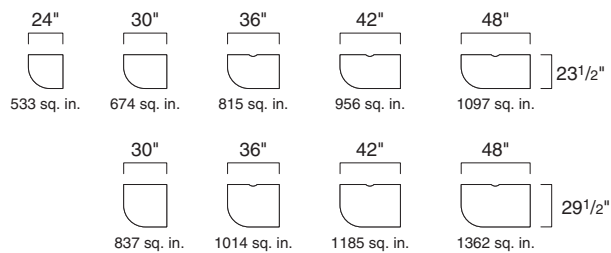
\*Left-hand units shown.  
 Right-hand units available.

*Tip: For P-edge worksurfaces, add 3/8" to 23 1/2" and 29 1/2" depths shown at left.*



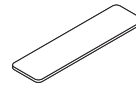
Understanding  
 ▶ Page 70  
 Specifying  
 ▶ Page 252

## Visitor Worksurfaces\*



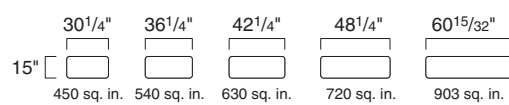
\*Left-hand units shown. Right-hand units available.

*Tip: For P-edge worksurfaces, add 3/8" to 23 1/2" and 29 1/2" depths shown above.*



Understanding  
 ▶ Page 76  
 Specifying  
 ▶ Page 254

## Transaction Worksurfaces

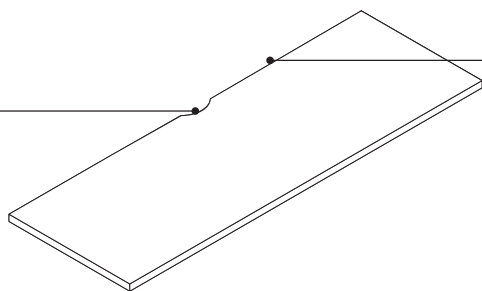


# Avenir Universal Systems Worksurfaces

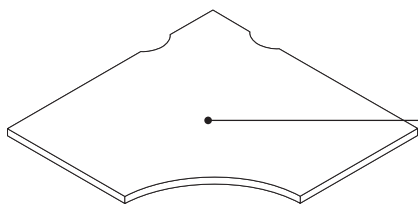
► Specifying Avenir  
Universal Systems  
Worksurfaces,  
pages 240–252

**Cable scallops** allow cords and plugs to pass behind the worksurface. An option to omit cable scallops is available.

**Avenir Universal Systems worksurfaces** are available in three depths. 18<sup>3</sup>/<sub>8</sub>"D worksurfaces match the depth of Universal proud front storage components. 23<sup>1</sup>/<sub>2</sub>"D and 29<sup>1</sup>/<sub>2</sub>"D worksurfaces match the depth of return panels, end panels, and Universal proud front storage components.



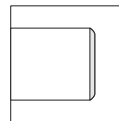
**Worksurfaces** are sized to create a 1/2" cord drop gap at the back edges.



**Worksurface** has a wood core with laminate surface and is 1<sup>3</sup>/<sub>16</sub>" thick.

## Product Details

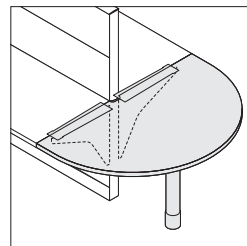
### High-Pressure Laminate Worksurfaces



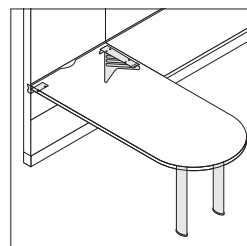
3 mm  
edge profile

**PVC-free, 3 mm edge profiles** are proprietary polyolefin blend for all solid colors and 7 woodgrain finishes. Matching 1 mm side and back edges are also PVC-free. See surface material listing in this book for specific PVC-free availability.

**Edge profile finishes** are specified separately from laminate color.



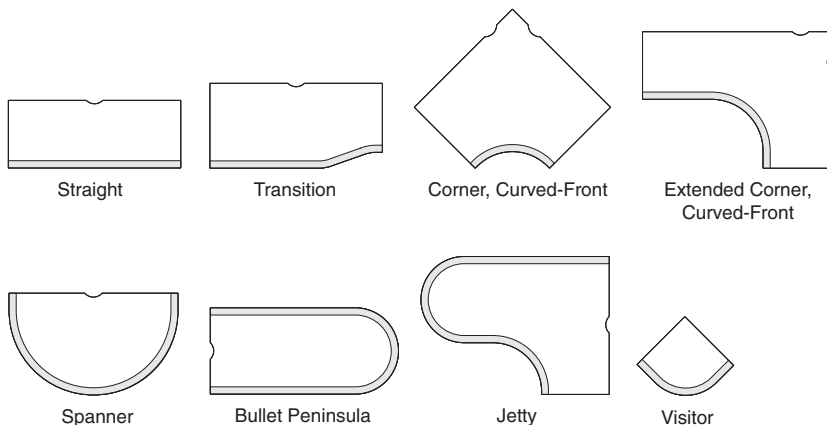
**Spanner worksurfaces** with 2" notch accommodate Avenir panels. Legs and cantilevers or adjustable column and cantilevers must be used for support.



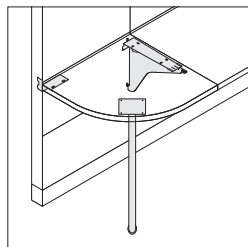
**Bullet peninsula and jetty worksurfaces** require three supports:

- Cantilever
- Side support bracket
- Adjustable column or legs

## Edge Profiles



**Edge profile** is applied to front (user's) edge only.

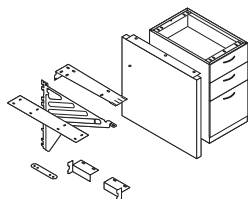


**Visitor worksurfaces** must be supported by a cantilever, a side support bracket, and a leg.

## Connections

**Worksurfaces** can be used freestanding or in panel-supported installations.

**Supports** are ordered separately and installed in the field.

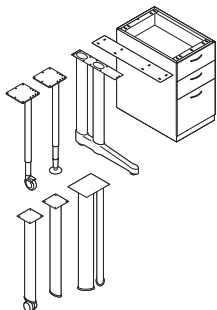


**For panel-supported installations** you can use:

- Side support brackets
- Cantilever with tie plate
- End panel
- Support plate
- Adjustable column or legs

► See page 78 for *Panel-Mounted Universal Systems Worksurface Supports*.

- Avenir pedestal with filler
- Page 79

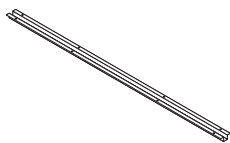


**For freestanding installations** you can use:

- Post legs
- Double post C-leg
- Adjustable legs
- Adjustable column
- Support plate

► See page 80 for *Legs and Supports for Universal Systems Worksurfaces*.

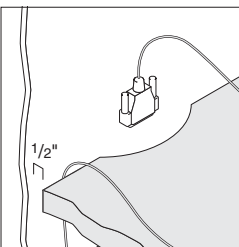
*Tip: Pedestal can also be used in freestanding installations.*



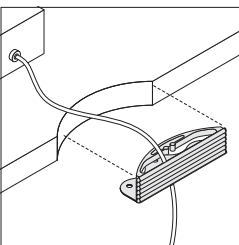
**Worksurface spans greater than 54"** require additional support of a cantilever, pedestal, intermediate support, or leg. Exception; worksurfaces can span up to 60" in heavy load applications and up to 72" in light load applications if a reinforcing channel is used. Reinforcing channel must be specified separately.

► Page 257

## Wiring & Cabling



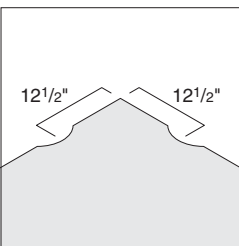
**Worksurface depth** is  $\frac{1}{2}$ " less than nominal and allows cords and cables to pass over at any point. Cable scallops provide space for plugs to pass over the back edge of the worksurface.



**Cable scallop** allows cord plugs to easily pass below the worksurface.

Worksurface wire managers are available to convert cable scallops into grommets in freestanding applications. Wire managers for use with laminate worksurface must be ordered separately.

► Page 235



**Corner worksurfaces**

have scallops located  $12\frac{1}{2}$ " from the rear corner of the worksurface to the center of the scallop. Scallops are centered on the rear edge of all other worksurfaces that include them.

**Cable management devices** are available to help manage conventional and fiber-optic cables beneath the worksurface.

► See *Worksurface Power and Communication in Montage Solutions Specification Guide*.

## Surface Materials

### High-Pressure Laminate Worksurfaces

- Laminate
- ▶ See *Surface Materials Reference Manual*.
- Open Line laminate (option)
- A program including non-Steelcase laminates which are suitable for use on Steelcase products.
- ▶ See *Surface Materials Reference Manual*.

### Front (user's) edge(s)

- Plastic

### Back and side edges

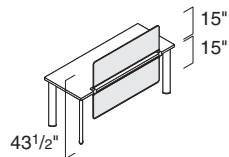
- Plastic color default to match user's edge

## Application Topics

### Avenir Universal Systems Worksurfaces

follow the same application rules as Avenir curvilinear worksurfaces. Not all installations can be panel wrapped.

- ▶ See *Rules for Using Avenir Universal Systems Worksurfaces with Avenir Panels*, page 75.

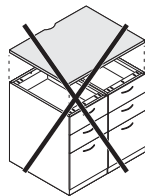


**Screens** mount to work-surfaces in privacy position or below the worksurface for modesty.

- ▶ See *Answer Solutions Specification Guide*.

**Worksurfaces used in panel-supported installations** must follow applicable panel stability guidelines.

- ▶ Page 58



### Do not use an Avenir Universal Systems Worksurface

as a top for storage that matches the worksurface width. Universal Systems Worksurfaces are sized for Avenir panel-wrapped applications and will not fit over full-width storage. Use field-installed storage tops for this type of application.

- ▶ See *Storage Specification Guide*.

## Shipping

**Palletizing** streamlines unloading and staging of worksurfaces. Identical worksurfaces ordered on the same line item are packed on pallets containing 5-50 worksurfaces depending on worksurface size. Remaining worksurfaces are packed individually in cartons. If palletizing is not desired, order in quantities of four or less per line item. For maximum unload efficiency, utilize pallet handling equipment at job site whenever possible. Wood veneer worksurfaces cannot be palletized.

# Worksurface Support Guidelines

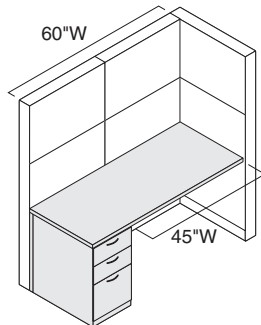
**Worksurface spans greater than 54"** require a brace or additional support to the floor. Spans greater than 72" wide cannot be supported only by a reinforcing channel, and require additional supports to the floor. Calculate span distance by measuring from edge of one end of worksurface to edge of other end of worksurface.

*Exception: When using pedestals or lateral files to support a worksurface, measure from the inside edge of the storage unit.*

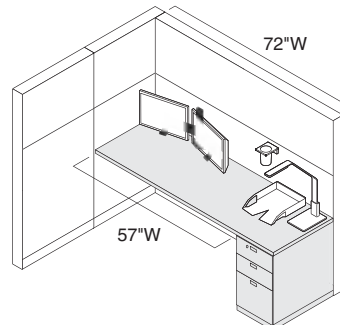
**Worksurfaces** can span up to 60" in heavy load applications and up to 72" in light load applications if a reinforcing channel is used. Reinforcing channel must be specified separately.

► Page 257

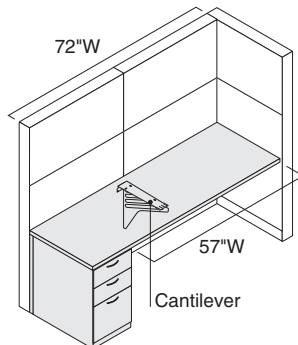
*Exception: Knife edge worksurfaces require support on spans greater than 48"W.*



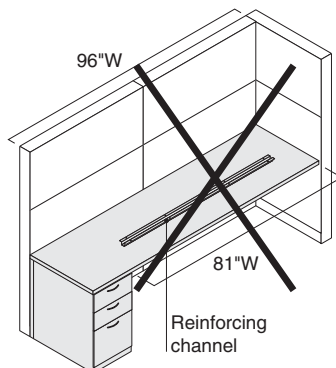
**Reinforcing channel** is not required on worksurfaces with spans less than 54"W.



**Lightly loaded applications** typically include a workstation with monitors, lighting, limited organizational tools, and personal items.



**Reinforcing channel or additional support** is required for worksurfaces with spans greater than 54"W and less than 72"W in light use applications and on worksurfaces with spans greater than 54"W and less than 60"W in heavy load applications.



**Worksurface span** cannot be supported solely by a reinforcing channel. Additional to the floor supports are required.

*Tip: Reinforcing channels add 1"D below the worksurface.*

*Tip: For maximum effectiveness, place the reinforcing channel in the middle of the worksurface span.*

## Worksurface Support Guidelines, continued

**Calculate span distance** by measuring from edge of one end of worksurface to edge of other end of worksurface. To determine size of reinforcing channel needed, deduct the amount listed in the matrix below from the measured span. Deduction in inches is based on combination of the left-hand and right-hand supports.

Example: 72"W measured span, with application of cantilever for left-hand support and end panel for right-hand support, has a span deduction of 6" for a reinforcing channel size of 66" ( $72" - 6" = 66"$ ). For this application, use reinforcing channel TS7WKSPT66.

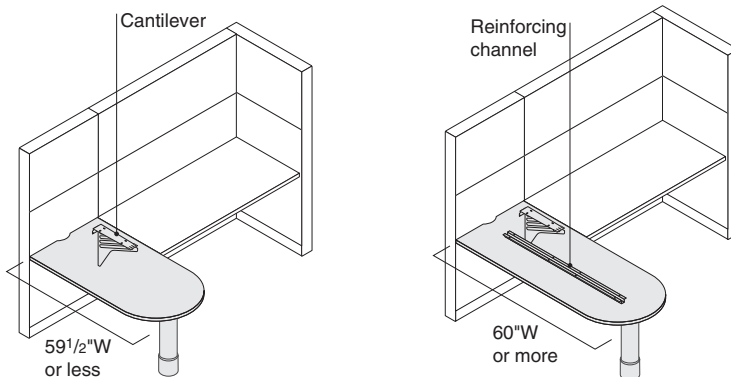
Worksurface Span Deductions for Determining Reinforcing Channel Size		Right-Hand Support						
		End Panel	FrameOne Leg	FrameOne Leg-Table Application	Intermediate Support	DBL Post Leg	Cantilever	All other Legs/Supports
Left- Hand Support	End Panel	-6"	-6"	-9"	-9"	-6"	-6"	-6"
	FrameOne Leg	-6"	-6"	-9"	-9"	-6"	-6"	-6"
	FrameOne Leg-Table Application	-9"	-9"	-12"	-12"	-9"	-9"	-9"
	Intermediate Support	-9"	-9"	-12"	-12"	-9"	-9"	-9"
	DBL Post Leg	-6"	-6"	-9"	-9"	-6"	-6"	-6"
	Cantilever	-6"	-6"	-9"	-9"	-6"	-6"	-6"
	All other Legs/Supports	-6"	-6"	-9"	-9"	-6"	-6"	-6"

*Note: Not all supports shown work effectively with this panel system. Please check with your field sales representative for clarification and understanding prior to ordering.*

Reinforcing Channel Sizes		
Style Number	Nominal	Actual
TS7WKSPT39	39"W	39.231"W
TS7WKSPT48	48"W	47.547"W
TS7WKSPT51	51"W	50.547"W
TS7WKSPT54	54"W	53.547"W
TS7WKSPT	57"W	56.547"W
TS7WKSPT60	60"W	59.547"W
TS7WKSPT63	63"W	62.547"W
TS7WKSPT66	66"W	65.547"W
TS7WKSPT72	72"W	71.547"W

*Note: If the deducted span distance falls between two reinforcing channel sizes, select the smaller of the two sizes.*

### Support Requirements for Peninsula Worksurfaces

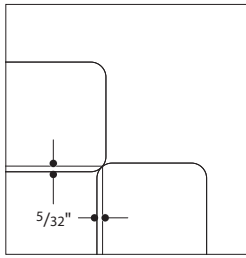


**Peninsula worksurfaces smaller than 60"W** do not require a reinforcing channel. Location of leg or column support, determined by pilot holes, meets the requirements for worksurface support every 54". Sizes 60"W or greater require a reinforcing channel. Determining brace size for peninsula worksurfaces: If worksurface is supported by a single column or legs, subtract 21" from span of worksurface to determine reinforcing channel size.

Example: 72"W measured span has a span deduction of 21" for a reinforcing channel size of 51" ( $72" - 21" = 51"$ ). For this application, use reinforcing channel TS7WKSPT51.

# Rules for Using Avenir Universal Systems Worksurfaces with Avenir Panels

Rules for Using Avenir  
Universal Systems  
Worksurfaces with  
Avenir Panels

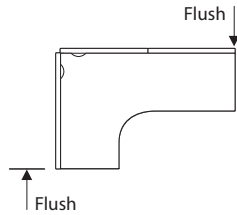


## Perpendicular panels

intrude slightly into the neighboring space. Avenir Universal Systems

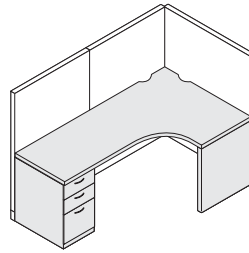
Worksurfaces are special sizes to align with panel dimensions in typical applications.

► For more information, see understanding Panel Creep, page 51.

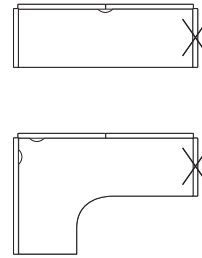


## Corner and extended corner worksurfaces

fit flush with panels.



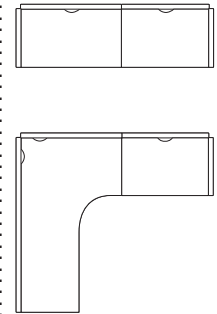
**The ends of the work-surface that are not panel wrapped** can be supported by an end panel or a pedestal with filler.



**Any individual work-surface** can be wrapped on one side only. To wrap both sides, replace the single work-surface with two smaller ones, or use a conventional Avenir work-surface.

*Tip: In many cases, Universal Systems Work-surfaces that are sized to fit Answer panels will allow this type of application.*

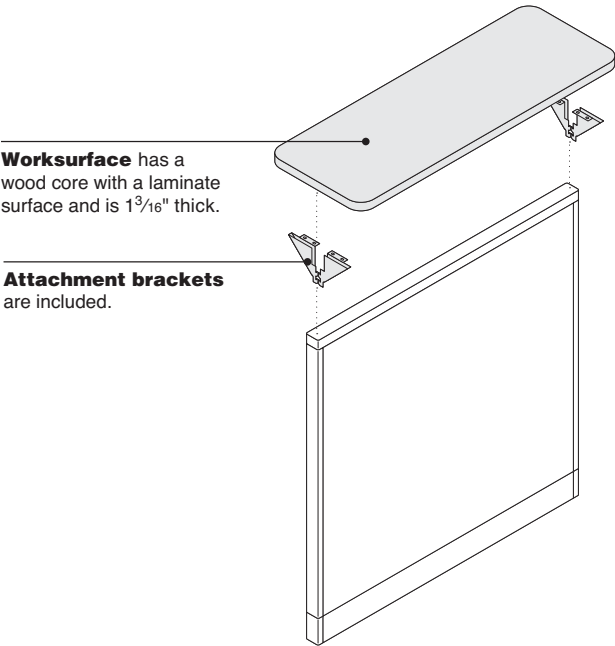
► See Answer Solutions Specification Guide.



**Panel wrapping** any two work-surfaces in-line is possible because the work-surfaces are sized to account for the exact amount of panel creep occurs.

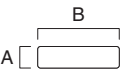
# Transaction Worksurfaces

**Transaction worksur-**  
**face** provides a surface  
that can be used by stand-  
ing visitors or serve as a  
shelf.  
► Specifying, page 254



**Worksurface** has a  
wood core with a laminate  
surface and is 1<sup>3</sup>/<sub>16</sub>" thick.

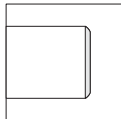
**Attachment brackets**  
are included.



Actual Dimensions	
A	B
15"	30 <sup>15</sup> / <sub>64</sub> "
15"	36 <sup>15</sup> / <sub>64</sub> "
15"	42 <sup>15</sup> / <sub>64</sub> "
15"	48 <sup>15</sup> / <sub>64</sub> "
15"	60 <sup>15</sup> / <sub>64</sub> "

## Product Details

### Laminate Worksurfaces



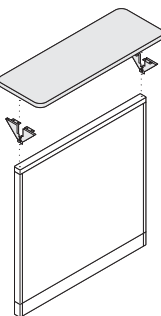
3 mm  
edge profile

**PVC-free, 3 mm edge  
profiles** are a proprietary  
polyolefin blend for all solid  
colors and 7 woodgrain  
finishes.

► See surface material listing  
in this book for specific PVC-  
free availability.

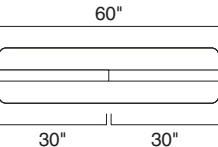
**Edge profile finishes** are  
specified separately from  
laminate color.

## Connections



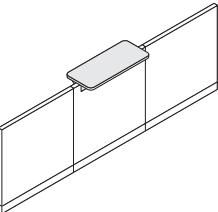
**Transaction worksur-**  
**face support brackets**  
connect to the vertical  
upright.

**Spanning** two panels is  
possible.



Top view

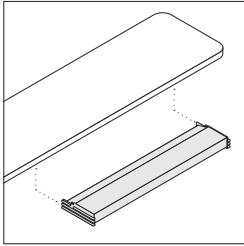
**Width of transaction  
worksurface** is the same  
width of corresponding  
panel.



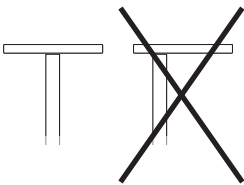
**Panels** on both sides of  
the transaction worksurface  
must be the same height or  
lower than the panel that  
supports the transaction  
worksurface.

**Recommended stand-**  
**ing height** for transaction  
worksurface is achieved by  
attaching it to 41"H panels.  
*Tip: Transaction worksur-*  
*faces can only be used with*  
*41"H panels.*





**Utility2 shelf lights** can be installed beneath transaction worksurfaces using screws and keyhole slots in light fixture.



**Transaction worksurface** must be centered on the panel.

## Surface Materials

### Laminate Worksurfaces

- Laminate
- ▶ See *Surface Materials Reference Manual*.
- Open Line laminate (option)  
A program including non-Steelcase laminates which are suitable for use on Steelcase products.
- ▶ See *Surface Materials Reference Manual*.

### Edges

- Plastic

### Support brackets

- Paint

# Panel-Mounted Universal Systems Worksurface Supports for Avenir Panel Applications

**On-module supports** can be used to panel support worksurfaces in various configurations.

**Avenir clear-access end panel** connects to a panel and supports the end of a worksurface. You must order either left- or right-hand version.  
► Specifying, page 282

**Avenir end panel** can be used to support the end of a worksurface.  
► Specifying, pages 280-281

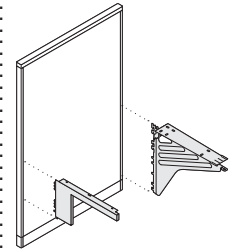
**Avenir L-shaped shared cantilever** connects to a panel and supports two adjacent worksurfaces.  
► Specifying, page 279

**Cantilever** can be used to panel-support a worksurface at any height.  
► Specifying, page 255

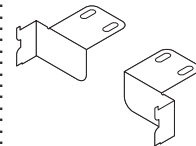
**Rear corner bracket** can be used to support the back corner of any corner worksurface.  
► Specifying, page 255

**Side support brackets** can be used to support the ends of straight and corner worksurfaces and to support the back corner of any corner worksurface.  
► Specifying, page 277

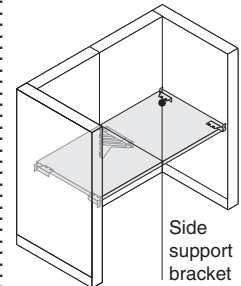
## Product Details



**On-module worksurface supports** engage the slots in the vertical up-rights of Avenir panels.



**Side support brackets** support worksurfaces at any height in 1" increments. Brackets ship as a left- and right-hand pair and are ordered separately.

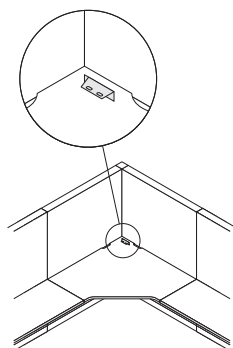


**Side support brackets** can be used to support the end of a worksurface that is wrapped by a panel with the same width dimension that matches the worksurface depth.

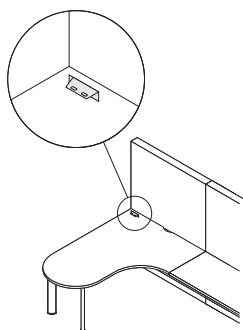
## Actual Dimensions

	Universal cantilever	Avenir cantilever	End panel
<b>Height</b>	12 <sup>1</sup> / <sub>4</sub> "	12 <sup>5</sup> / <sub>8</sub> "	28 <sup>1</sup> / <sub>2</sub> "*
<b>Depth</b>	15 <sup>1</sup> / <sub>2</sub> "	17 <sup>5</sup> / <sub>16</sub> ", 23 <sup>15</sup> / <sub>16</sub> ", or 29 <sup>3</sup> / <sub>4</sub> "	17 <sup>5</sup> / <sub>16</sub> ", 23 <sup>3</sup> / <sub>4</sub> ", or 29 <sup>3</sup> / <sub>4</sub> "

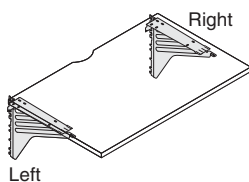
\*Height dimensions include the thickness of a worksurface.



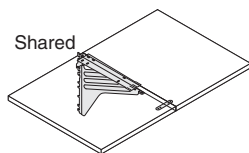
**Single side support bracket** can be used to support the rear corner of corner, extended corner worksurfaces.



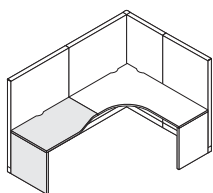
**Single side support bracket** can be used to support the user's side rear corner of visitor and jetty worksurfaces.



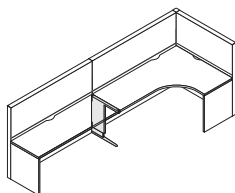
Left



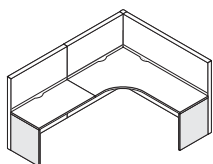
**Cantilevers** support worksurfaces at any height in 1" increments. Universal cantilever is non-handed and can be used to support either end of a worksurface, or shared to support two worksurfaces at the same height simultaneously. One tie plate ships with each cantilever.



**30"D straight and transition cantilevered worksurfaces** require additional floor support along the front edge, such as a pedestal, end panel, leg, side support bracket, or an adjacent return worksurface.



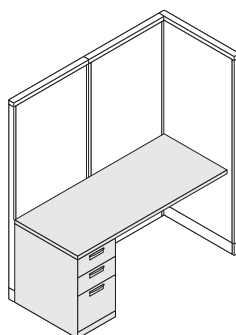
**Avenir clear-access end panel** is an alternative to a cantilever in supporting longer runs of worksurfaces for additional panel stability. Refer to the applicable panel stability guidelines for specific requirements.



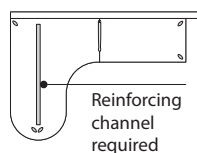
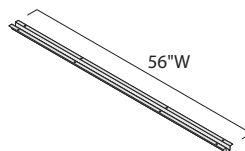
**End panels** can be used to support the end of a worksurface for additional panel stability. Refer to the applicable panel stability guidelines for specific requirements.

**End panels** are available in seated heights, and cannot be used in freestanding applications.

**All panel mounted supports** can be removed and repositioned later without any permanent damage to panels or skins.



**Avenir pedestals** with a filler can be used to support the end of a worksurface in place of an end panel.



**Worksurface spans greater than 54"** require additional support of a cantilever, pedestal, intermediate support, or leg. Exception; worksurfaces can span up to 60" in heavy load applications and up to 72" in light load applications if a reinforcing channel is used. Reinforcing channel must be specified separately.  
► Page 257

## Surface Materials

**Side support bracket**  
• Black paint only

**Cantilever**  
• Paint

## Application Topics

**Worksurfaces used in panel-supported installations** must follow applicable panel stability guidelines.  
► Page 58

# Legs and Supports for Avenir Universal Systems Worksurfaces

Without Alignment Tab

**Legs** are available to support worksurfaces in free-standing or panel-supported applications.

► Specifying, pages 258-261

**Post leg** can be used on a single worksurface. Non-locking caster and glide versions are available.

**Double post C-leg** can be used on a single worksurface or in a shared application.

**Support plate** can be used with a double post leg to join and support two worksurfaces. Plate is 14"D or 20"D and 3<sup>11</sup>/<sub>16</sub>"W.

**Leveling glide** allows worksurface height to be adjusted on uneven floors.

**Column** is 4" in diameter and can be used as a column support on a single worksurface. Adjustable and non-adjustable versions are available.

**Double post leg** can be used as a column support on a single worksurface or to support a shared application.

**Adjustable-height leg** can be used with a single worksurface. Locking caster and glide versions are available.

**Adjustable-height leg** adjusts from 25<sup>1</sup>/<sub>2</sub>"H to 31<sup>1</sup>/<sub>2</sub>"H in <sup>3</sup>/<sub>4</sub>" increments.

## Actual Dimensions

	Column	Adjustable column	Double post leg	Post leg	Adjustable-height leg	Double post C-leg	Support plate
Height*	28 <sup>1</sup> / <sub>2</sub> "	28 <sup>1</sup> / <sub>2</sub> "–31 <sup>5</sup> / <sub>8</sub> "	28 <sup>1</sup> / <sub>2</sub> " or 40 <sup>7</sup> / <sub>8</sub> "	26", 28 <sup>1</sup> / <sub>2</sub> ", or 40 <sup>7</sup> / <sub>8</sub> "	25 <sup>1</sup> / <sub>2</sub> "– 31 <sup>1</sup> / <sub>2</sub> "	28 <sup>1</sup> / <sub>2</sub> "	N.A.
Glide range, for legs equipped with glides	1 <sup>1</sup> / <sub>2</sub> "	3 <sup>1</sup> / <sub>8</sub> "	<sup>3</sup> / <sub>4</sub> "	<sup>3</sup> / <sub>4</sub> "	<sup>3</sup> / <sub>4</sub> "	<sup>3</sup> / <sub>4</sub> "	N.A.

\*Height dimensions include the thickness of a worksurface.

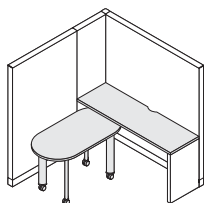
## Product Details

**Legs** support Systems Worksurfaces at 26"H nesting, 28½"H standard, 40⅞"H standing or 25½"H to 31½"H adjustable heights.

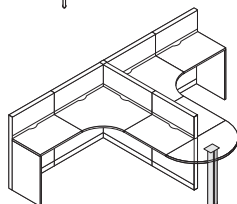
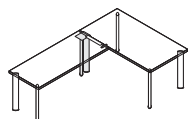
**Legs** for Systems Worksurfaces do not include alignment tabs. Pilot holes help the installer locate the proper leg position under the worksurface.



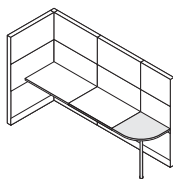
**Post legs** are always installed at a 45° orientation.



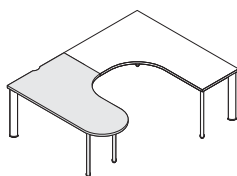
**26"H nesting height legs** allow worksurfaces to nest underneath an adjacent worksurface supported with 28½"H legs or a panel-supported worksurface.



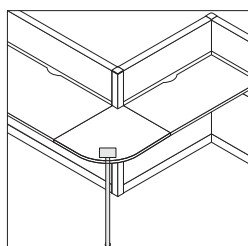
**Double post leg** can be used in a shared application with a support plate, or it can be used as a column support for spanner, jetty, and bullet peninsula worksurfaces in panel-mounted applications.



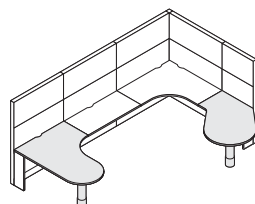
**Post leg**, in conjunction with a side support bracket, can be used to support the end of a visitor worksurface.



**Two post legs** can be used in place of one double post leg as column support for spanner, jetty, and bullet peninsula worksurfaces for added stability.

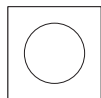


**Standing-height post or double post legs** can be used as column support in panel-mounted applications only.



**Column** can be used on spanner, bullet peninsula, linking peninsula, and jetty worksurfaces in panel-supported applications. For freestanding desk applications, column can be used on bullet peninsula and jetty worksurfaces. Adjustable and non-adjustable versions are available.

**Column** cannot be used in a shared application.

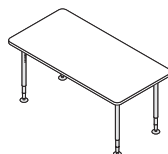
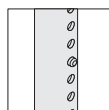


Bottom View  
Column

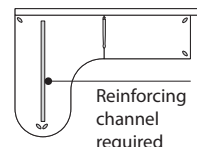
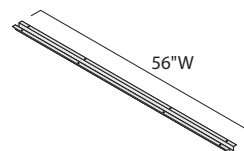


Bottom View  
Post Leg

**Column** is not recommended for applications that include post legs because it has a round shape, while post legs are more of an elliptical shape. Use single or double post legs as a column support in applications that include other post legs.



**Adjustable-height legs** adjust from 25½"H to 31½"H in ¾" increments. Legs can be used to support the primary worksurface, or legs can support a worksurface in a nesting application.



## Worksurface spans greater than 54"

require additional support of a cantilever, pedestal, intermediate support, or leg. Exception; worksurfaces can span up to 60" in heavy load applications and up to 72" in light load applications if a reinforcing channel is used. Reinforcing channel must be specified separately.  
► Specifying, page 257.

## Surface Materials

**Post legs, C-leg, adjustable-height leg, and adjustable column**

- Paint

**Post leg caster**

- Black plastic only

**Support plate and reinforcing channel**

- Black paint only

## Application Topics

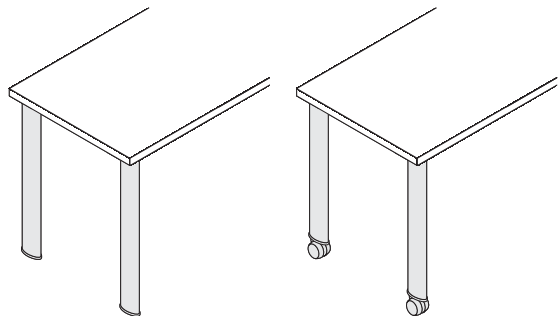
**Freestanding Guidelines for Systems Worksurfaces**

► Pages 82-83

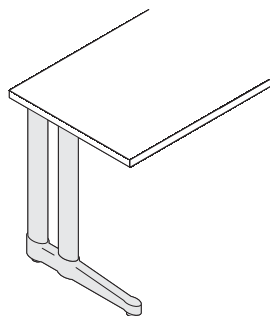
# Freestanding Guidelines for Systems Worksurfaces

The following section on freestanding worksurfaces gives some guidelines to be used with common freestanding configurations.

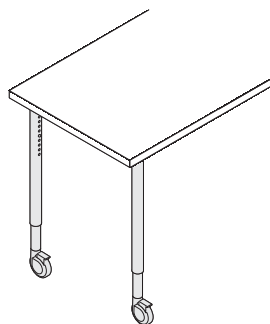
There are several ways to support the ends of a freestanding worksurface:



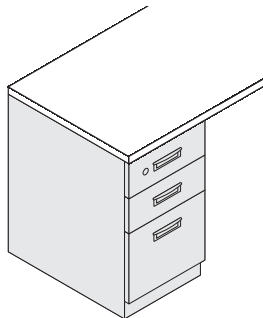
With single post legs or single post legs with casters. Nesting post legs can also be used.



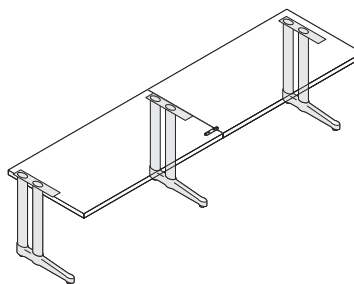
With a double post C-leg.



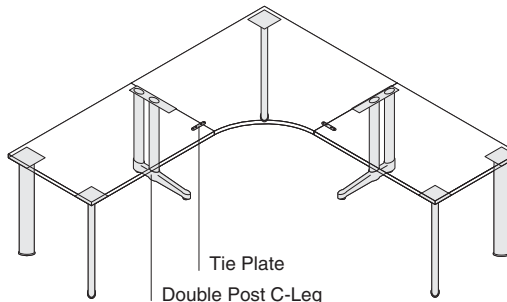
With adjustable-height legs.



With a pedestal. Other storage products can be used. Counterweights are required in each pedestal or lateral file in a freestanding desk unless the desk is attached to another worksurface in an L-configuration.

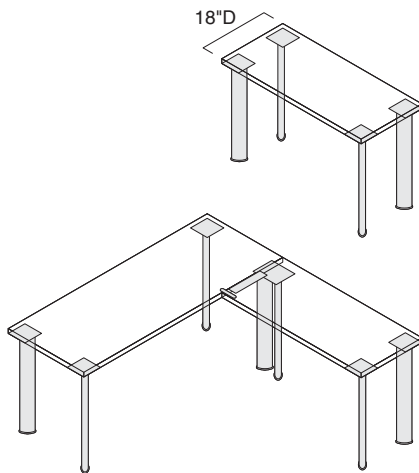


Double post C-legs can be used on a single worksurface or in a shared application.

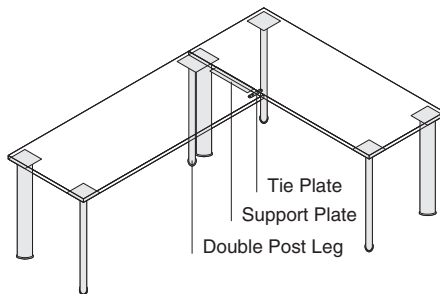


Tie plate is recommended to align worksurfaces.

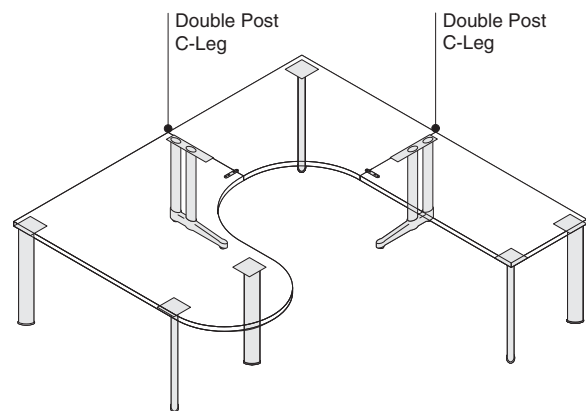
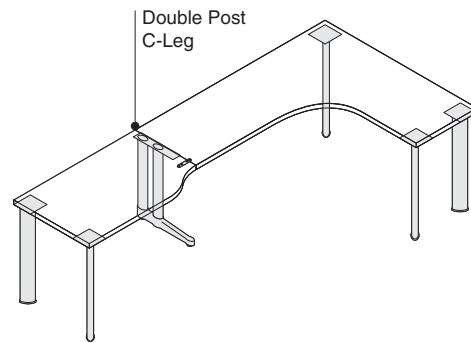
48"W corner worksurface can be used in freestanding applications; however, it must be supported by adjacent worksurfaces on both sides.



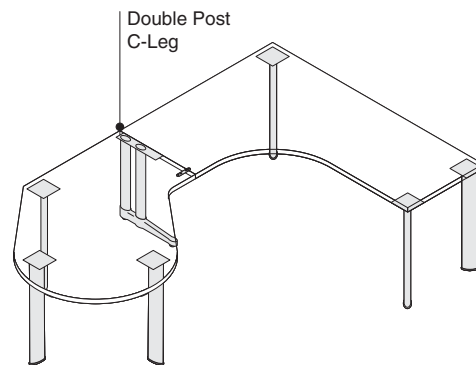
**18"D straight and transition worksurfaces** must be connected to an adjacent worksurface for additional support.



**Combined worksurfaces** can give each other support when joined with a double post leg and support plate. Use 14"D support plate on 18"D and 24"D worksurfaces and 20"D support plate on 30"D worksurface. Tie plate is recommended to align the worksurfaces.



**Double post C-leg** can be used to support a corner or extended corner worksurface and adjacent worksurfaces.



**Double post C-leg** can be used to support an extended corner worksurface and adjacent worksurfaces.





# Understanding Avenir Worksurfaces

	
<b>Statement of Line</b>	<b>86</b>

## Product Details

### Avenir-Style 1½"-Thick Panel-Supported Worksurfaces

Panel-Supported Radius-End Tables	<b>90</b>
Transaction Worksurfaces	<b>92</b>

### Curvilinear Worksurfaces

Rules for Using Curvilinear Worksurfaces with Avenir Panels	<b>94</b>
Directional Laminate Grain Directions for Avenir Curvilinear	<b>95</b>
Corner and Extended Corner Curvilinear Worksurfaces	<b>96</b>
Transitional Curvilinear and Straight Curvilinear Worksurfaces	<b>98</b>
Jetty Curvilinear Worksurfaces	<b>100</b>
Visitor, Linking, and Spanner Curvilinear Worksurfaces	<b>102</b>

### Worksurface Supports

**104**

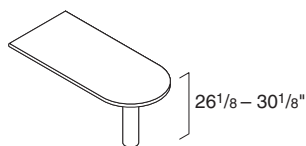
### Related Products

Worksurface Accessories	<b>112</b>
Grommets	<b>114</b>
Grommet Locations	<b>115</b>
Center Drawer Fit and Grommet Obstruction	<b>118</b>
Worksurface Wiring and Cabling	<b>119</b>

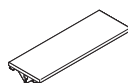
# Statement of Line

Worksurfaces

## 1½"-Thick Panel-Supported Worksurfaces



Understanding  
▶ Page 90  
Specifying  
▶ Pages 264–265



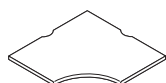
Understanding  
▶ Page 92  
Specifying  
▶ Page 266

### Panel-Supported Radius-End Tables

	60"W	66"W	72"W
30"D	●	●	●
36"D	●	●	●

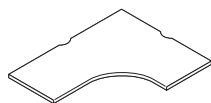
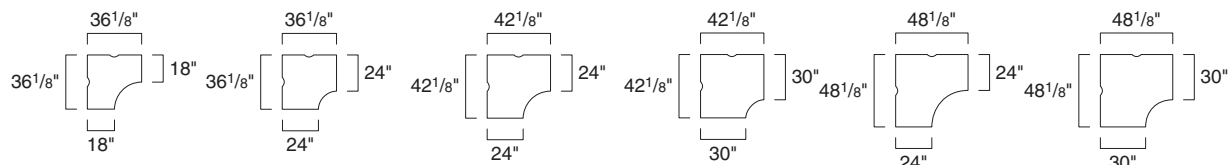
### Transaction Worksurfaces

	30¼"W	36¼"W	42¼"W	48¼"W	60 <sup>15</sup> / <sub>32</sub> "W
16 <sup>5</sup> / <sub>8</sub> "D	●	●	●	●	●



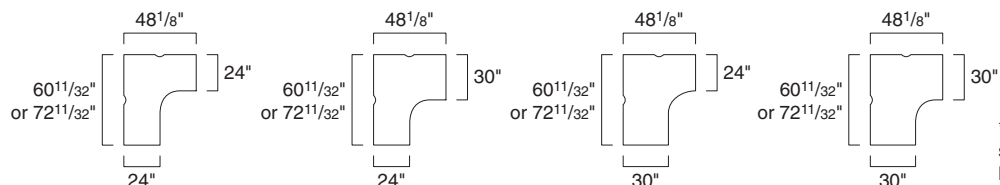
Understanding  
▶ Page 96  
Specifying  
▶ Page 267

## Corner Curvilinear Worksurfaces



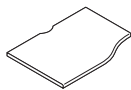
Understanding  
▶ Page 96  
Specifying  
▶ Page 270

## Extended Corner Curvilinear Worksurfaces\*



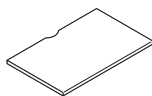
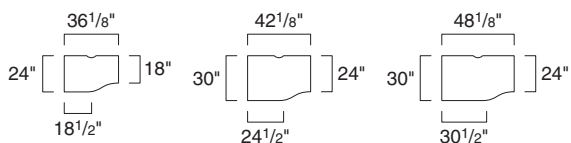
\*Drawing and dimensions show left-hand units. Right-hand units are also available.

## 1½"-Thick Panel-Supported Worksurfaces, continued



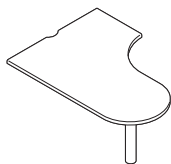
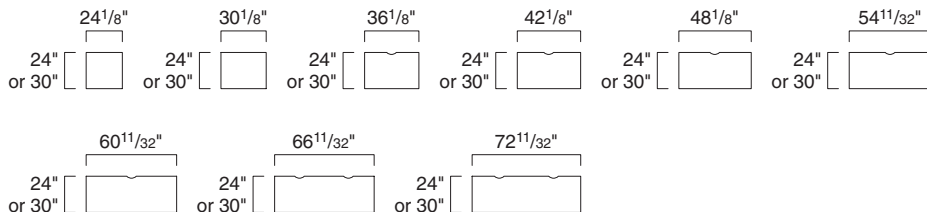
Understanding  
 ▶ Page 98  
 Specifying  
 ▶ Page 272

## Transitional Curvilinear Worksurfaces\*



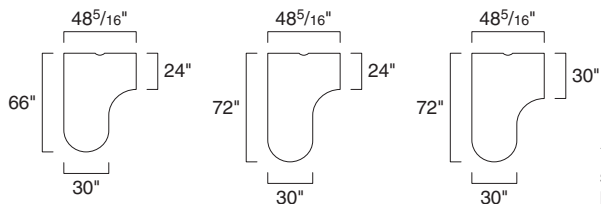
Understanding  
 ▶ Page 98  
 Specifying  
 ▶ Page 268

## Straight Worksurfaces for Use with Curvilinear Worksurfaces



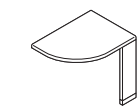
Understanding  
 ▶ Page 100  
 Specifying  
 ▶ Page 273

## Jetty Curvilinear Worksurfaces\*



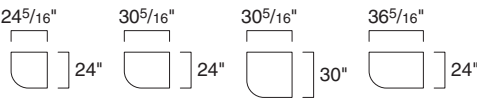
\*Drawing and dimensions show left-hand units. Right-hand units are also available.

1 1/2"-Thick Panel-Supported Worksurfaces, continued

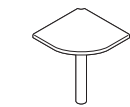


Understanding  
▶ Page 102  
Specifying  
▶ Page 274

Visitor Curvilinear Worksurfaces\*

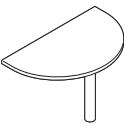
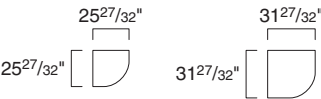


\*Drawing and dimensions show left-hand units. Right-hand units are also available.



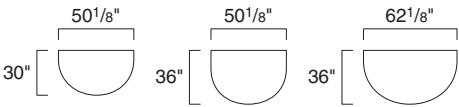
Understanding  
▶ Page 102  
Specifying  
▶ Page 275

Linking Curvilinear Worksurfaces



Understanding  
▶ Page 102  
Specifying  
▶ Page 276

Spanner Curvilinear Worksurfaces





# Panel-Supported Radius-End Tables

1½"-Thick

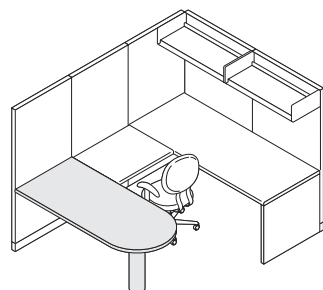
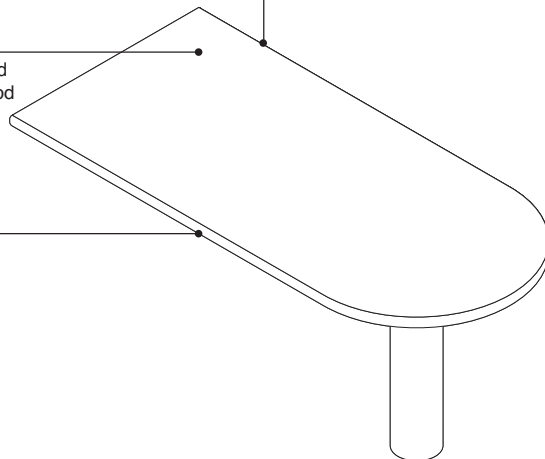
**Radius-end tables** are perfect for conferencing and can serve as a primary worksurface.

► Specifying, pages 264-265

**Worksurface** has a wood core with a laminate or wood surface.

**User edge** is plastic on laminate worksurfaces and wood radius edge on wood worksurfaces.

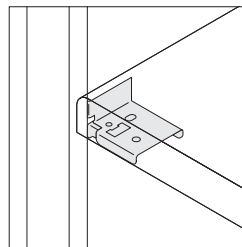
**Straight edge of worksurface** is a square plastic edge on laminate version tables and veneer on wood tables.



## Actual Dimensions

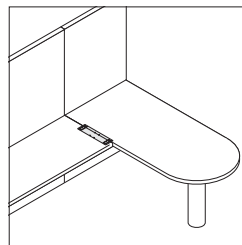
<b>Depth</b>	30" or 36"
<b>Width</b>	60", 66", or 72"
<b>Height with adjustable column support</b>	26⅛" to 30⅛"
<b>Thickness</b>	1½"
<b>Column diameter</b>	4"

## Connections



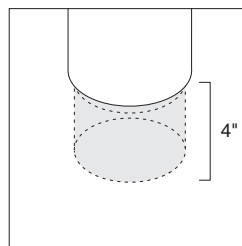
**Locking side supports** attach the worksurface to a panel with a spring-activated safety catch to prevent it from accidentally disengaging.

► Page 104

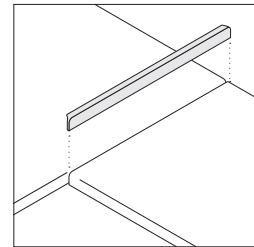


**Support plate** from adjacent worksurface ensures alignment.

► Page 108



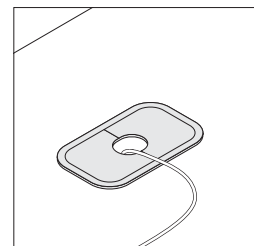
**Column support** is adjustable within a range of 4"H.



**Worksurface fillers** are available as transition fillers for radius-edge worksurfaces in a perpendicular or straight-line application.

► Page 113

*Tip: Because of different furniture applications and installation techniques, it is suggested that worksurface fillers be ordered after the worksurface installation.*



**Grommet** is available, factory-installed, to allow cords and cables to pass through the worksurface.

► Page 114

## Worksurface

- Laminate (standard)
- See *Surface Materials Reference Manual*.
- Open Line laminate (option) A program including non-Steelcase laminates that are suitable for use on Steelcase products.
- See *Surface Materials Reference Manual*.
- Wood
- Customiz stain or full-fill finish (option on wood)

## User edge

- Plastic (standard on laminate worksurface)
- Wood (standard on wood worksurface)

## Column support

- Paint (standard)
- 9201 Polished Chrome (option)

## Locking side support

- Black paint only

### Shipping

**Palletizing** streamlines unloading and staging of worksurfaces. Identical worksurfaces ordered on the same line item are packed on pallets containing 5-50 worksurfaces depending on worksurface size. Remaining worksurfaces are packed individually in cartons. If palletizing is not desired, order in quantities of four or less per line item. For maximum unload efficiency, utilize pallet handling equipment at job site whenever possible. Wood worksurfaces cannot be palletized.

# Transaction Worksurfaces

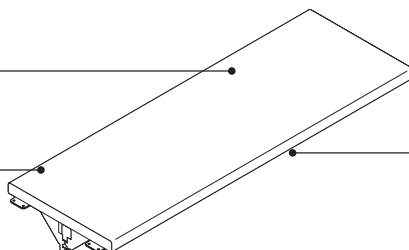
1<sup>3</sup>/<sub>16</sub>"-Thick

**Transaction worksur-**  
**faces** provide a surface  
that can be used by standing  
visitors or serve as a shelf.

► Specifying, page 266

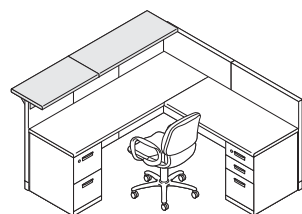
**Worksurface** has a  
wood core with a laminate  
surface.

**Plastic radius T-mold  
edge** is located on the front  
and back.

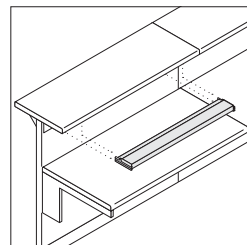


**Plastic edge** is located on  
the sides of the worksurfaces.

**Support brackets** attach  
the transaction worksurface  
to a panel.



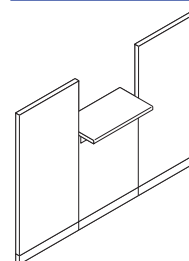
## Product Details



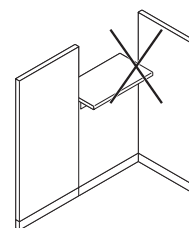
**Utility2 shelf lights** fit  
under either side of a straight  
transaction worksurface.

► Page 164

## Connections



**Supports**, included, attach  
transaction worksurface to  
any panel. The worksurface  
may be panel wrapped by a  
higher panel on one or both  
sides.



**Perpendicular panels**  
cannot be higher than the  
transaction worksurface.

**Recommended stand-**  
**ing height** (42<sup>1</sup>/<sub>2</sub>"H) for  
transaction worksurfaces is  
achieved by attaching them  
to 41"H panels.

*Tip: Transaction worksur-*  
*faces can only be used with*  
*41"H panels.*

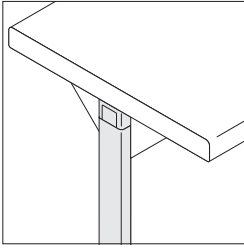
## Actual Dimensions

**Depth** 16<sup>5</sup>/<sub>8</sub>"

**Width** 30<sup>1</sup>/<sub>4</sub>", 36<sup>1</sup>/<sub>4</sub>", 42<sup>1</sup>/<sub>4</sub>", 48<sup>1</sup>/<sub>4</sub>", or 60<sup>15</sup>/<sub>32</sub>"

**Thickness** 1<sup>3</sup>/<sub>16</sub>"





**Panel top caps** remain in place beneath the transaction worksurfaces. Two support bracket types are available—one for use with low top caps and one for medium top caps. Transaction worksurfaces cannot be attached to panels with high top caps.

### Wiring & Cabling

**Cable routing** through medium top caps is not impaired.

### Surface Materials

#### Worksurface

- Laminate (standard)
- ▶ See *Surface Materials Reference Manual*.
- Open Line laminate (option)
- A program including non-Steelcase laminates that are suitable for use on Steelcase products.
- ▶ See *Surface Materials Reference Manual*.

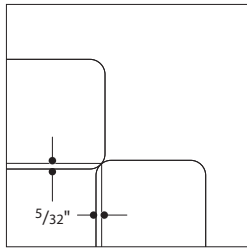
#### Front and back edges

- Plastic

#### Support brackets

- Paint

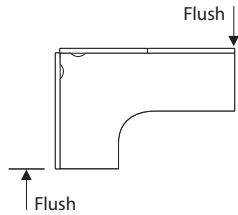
# Rules for Using Curvilinear Worksurfaces with Avenir Panels



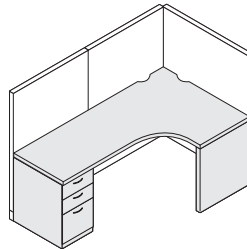
**Perpendicular panels** intrude slightly into the neighboring space. Curvilinear worksurfaces, and the straight and transitional worksurfaces that are used with them, are special sizes to align with panel dimensions in typical applications.

## Directional laminates

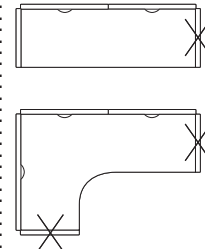
- ▶ For grain direction, see page 95.
- ▶ For laminate availability, see page 344.
- ▶ For plastic edge color default, see pages 349-350.



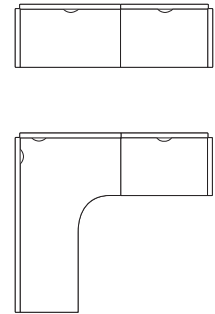
**Corner and extended corner worksurfaces** fit flush with panels.



**The ends of the work surface that are not panel wrapped** can be supported by an end panel or a pedestal with filler.



**Any individual work surface** can be wrapped on one side only. To wrap both sides, replace the single work surface with two smaller ones, or use a conventional Avenir work surface.



**Panel wrapping** any two worksurfaces in-line is possible because the worksurfaces are sized to account for the exact amount of panel creep occurs.

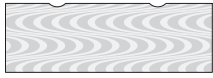
# Directional Laminate Grain Directions for Avenir Curvilinear

For Straight, Transitional, Corner, Extended Corner, Spanner, Visitor, Linking, Jetty, and Enterprise Worksurfaces

Directional  
Laminate  
Grain Directions  
for Avenir Curvilinear

## Directional laminates

are standard with the grain directions shown.



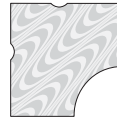
Straight  
Worksurface



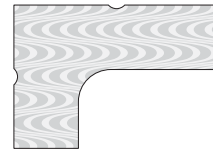
Transition  
Worksurface



Straight Corner  
Worksurface



Curved Corner  
Worksurface



Extended Corner  
Worksurface



Spanner  
Worksurface  
and Table

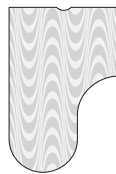


Visitor  
Worksurface



Linking  
Worksurface

Left  
Hand



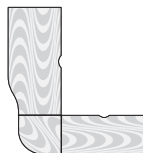
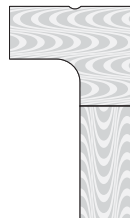
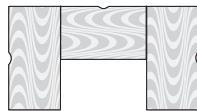
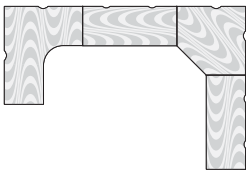
Jetty  
Worksurface

Right  
Hand



**Make a sketch** of the grain direction on adjacent worksurfaces to be sure they are suitable for your installation.

## Examples:



# Corner and Extended Corner Curvilinear Worksurfaces

1 1/2"-Thick

## Curvilinear worksurfaces

are available to allow a broader range of workstation layouts with Avenir.

► Specifying, pages 267 and 270-271

**Worksurface** has a wood core with a laminate surface.

## Plastic straight edge

is located on the back and sides of the worksurface.

## Cable scallops

are included to allow cords and cables to pass behind the worksurface.

## Rear corner bracket

is included with extended corner and corner worksurfaces to support back corner.

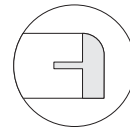
**Radius edge** is located on the user's front edge of the worksurface. This edge is a plastic T-mold.

**Additional supports** are available and must be ordered separately.

## Product Details

**1 1/2"-thick straight Avenir worksurfaces with radius edge** can be used with curvilinear worksurfaces. Fit between worksurfaces will not be snug.

*Tip: Avenir non-curvilinear worksurfaces have a laminate edge and curvilinear worksurfaces have a T-mold edge.*



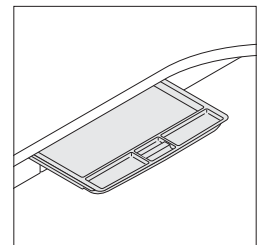
**User's edge(s)** of the worksurface are finished with a plastic T-mold radius edge detail that can be specified to match or contrast with the laminate worksurface. Color of these edges must be specified separately, unlike the edges of other Avenir worksurfaces which are defaults determined by the laminate color that you select.

► See page 349 for a list of suggested plastic T-mold edge colors.

**Plastic edge** finishes the sides and back of worksurfaces. The color of these edges are determined by the laminate color you select.

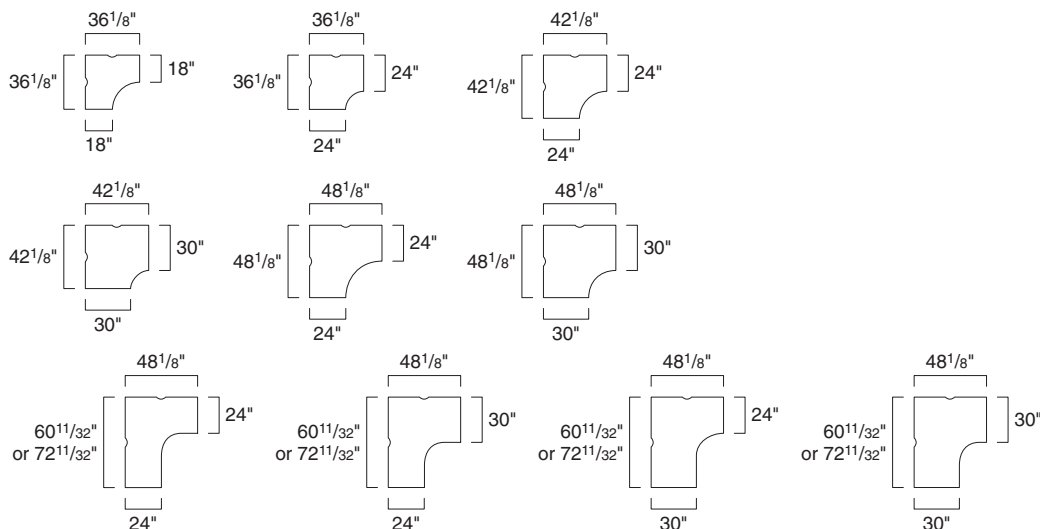
► See page 349 for a list of default plastic edge colors.

**Articulated keyboard shelf** can be installed beneath curvilinear worksurfaces.



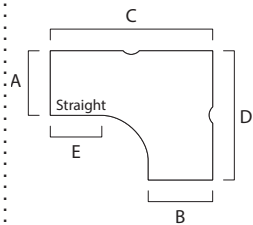
**Field-installed center drawer** can be installed beneath curvilinear worksurfaces wherever space permits—requires 19 1/2"D x 21"W.

## Actual Dimensions



## Connections

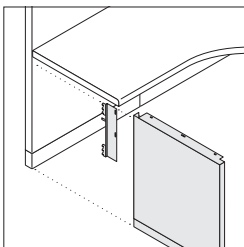
**Straight segment** of extended corner worksurface varies depending on work-surface size. Refer to the following chart to determine if one or more pedestals will fit. When straight segment is 15"W, it can accommodate a pedestal without the curved portions of the user's edge of the worksurface overhanging the pedestal. 30"W straight segment will accommodate two pedestals side by side.



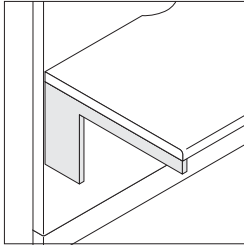
A	B	C	D	E
24"	24"	60"	48"	18 <sup>29</sup> / <sub>64</sub> "
30"	30"	60"	48"	12 <sup>29</sup> / <sub>64</sub> "
24"	30"	60"	48"	12 <sup>29</sup> / <sub>64</sub> "
30"	24"	60"	48"	18 <sup>29</sup> / <sub>64</sub> "
24"	24"	72"	48"	30 <sup>29</sup> / <sub>64</sub> "
30"	30"	72"	48"	24 <sup>29</sup> / <sub>64</sub> "
24"	30"	72"	48"	24 <sup>29</sup> / <sub>64</sub> "
30"	24"	72"	48"	30 <sup>29</sup> / <sub>64</sub> "

*Tip: Illustration and dimensions show left-hand unit. Right-hand units have the same dimensions.*

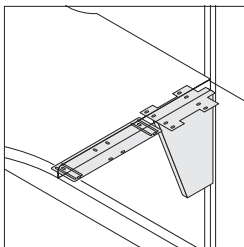
**Pedestals** support extended corner curvilinear worksurfaces at 28½"H.  
► Page 128



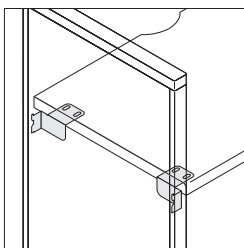
**End panel** connects to a panel and supports either a left- or right-hand end of a worksurface at 28½"H.



**Cantilever** connects to a panel and supports the end of a worksurface. You must order either the left- or right-hand version. Triangular-shaped cantilever can also be used to support curvilinear worksurfaces.



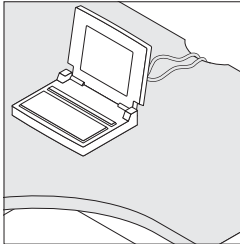
**Shared cantilever** connects to a panel and supports two adjacent worksurfaces. Triangular-shaped shared cantilever can also be used to support curvilinear worksurfaces.



**Side-support brackets** can be used to support the ends of worksurfaces when they are wrapped by panels with a width dimension that matches the Worksurfaces depth. Side-support brackets are shipped in pairs.  
► See *Rules for Using Curvilinear Worksurfaces with Avenir Panels*, page 94

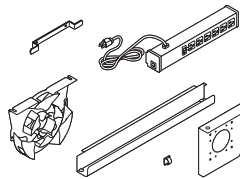
**Center support** is included and must be used to provide additional support for worksurfaces wider than 60".

## Wiring & Cabling



**Cable scallops** are included in the back edges of these worksurfaces to provide space for plugs to pass over the back edge of the worksurface.

**Worksurfaces** are installed with a 3/16" gap separating the back of the worksurface from the supporting panels. This small space permits cord movement. Worksurface supports have stop tabs to ensure proper installation.



**Cable management devices** are available to help manage conventional and fiber-optic cables beneath the worksurface.

## Surface Materials

**Directional laminates and wood veneer** are not available on curvilinear worksurfaces.

### Worksurface

- Laminate (standard)
- See *Surface Materials Reference Manual*.
- Open Line laminate (option)
- A program including non-Steelcase laminates that are suitable for use on Steelcase products.
- See *Surface Materials Reference Manual*.

### User's edge(s)

- Plastic T-mold
- Tip: The color of these edges must be specified separately.*
- See page 349 for a list of suggested plastic T-mold edge colors.

### Back and side edges

- Plastic default
- See page 349 for a list of default plastic edge colors.

### Pedestals

- Paint
- End panel**
- Paint

### Cantilever and shared cantilever

- Paint

### Side-support brackets and corner brackets

- Paint

## Shipping

**Palletizing** streamlines unloading and staging of worksurfaces. Identical worksurfaces ordered on the same line item are packed on pallets containing 5-50 worksurfaces depending on worksurface size. Remaining worksurfaces are packed individually in cartons. If palletizing is not desired, order in quantities of four or less per line item. For maximum unload efficiency, utilize pallet handling equipment at job site whenever possible. Wood worksurfaces cannot be palletized.

# Transitional Curvilinear and Straight Curvilinear Worksurfaces

1 1/2"-Thick

## Curvilinear worksurfaces

are available to allow a broader range of workstation layouts with Avenir.

► Specifying, pages 268-269 and 272

**Worksurface** has a wood core with a laminate surface.

**Cable scallops** are included to allow cords and cables to pass behind the worksurface.

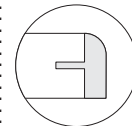
**Plastic straight edge** is located on the back and sides of the worksurface.

**Radius edge** is located on the user's front edge of the worksurface. This edge is a plastic T-mold.

**Additional supports** are available and must be ordered separately.

## Product Details

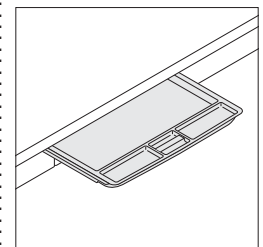
**1 1/2"-thick Avenir worksurfaces with radius edge** can be used with curvilinear worksurfaces. Fit between worksurfaces will not be snug.  
*Tip: Avenir non-curvilinear worksurfaces have a laminate edge and curvilinear worksurfaces have a T-mold edge.*



**User's edge(s)** of the worksurface are finished with a plastic T-mold radius edge detail that can be specified to match or contrast with the laminate worksurface. Color of these edges must be specified separately, unlike the edges of other Avenir worksurfaces which are defaults determined by the laminate color that you select.

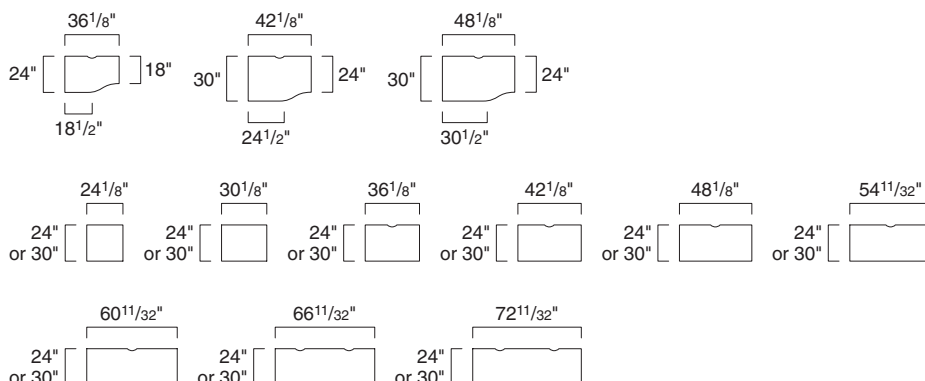
► See page 349 for a list of suggested plastic T-mold edge colors.

**Plastic edge** finishes the sides and back of worksurfaces. The color of these edges are determined by the laminate color you select.  
► See page 349 for a list of default plastic edge colors.



**Field-installed center drawer** can be installed beneath curvilinear worksurfaces wherever space permits—requires 19 1/2"D x 21"W.

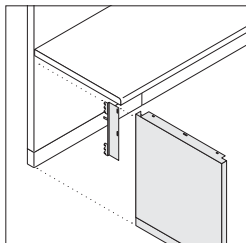
## Actual Dimensions



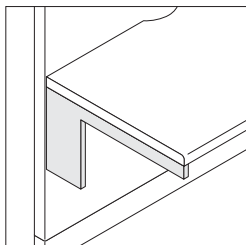
## Connections

**Pedestals** are available to support the end of a straight worksurface. They can be used at either end and will support these worksurfaces at 28½"H.

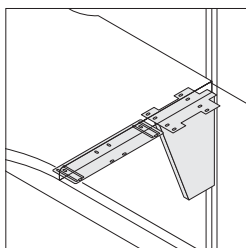
► Page 128



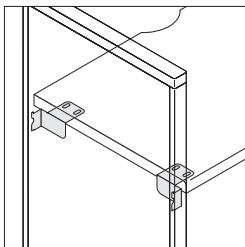
**End panel** connects to a panel and supports either a left- or right-hand end of a worksurface at 28½"H.



**Cantilever** connects to a panel and supports the end of a worksurface. You must order either the left- or right-hand version. Triangular-shaped cantilever can also be used to support curvilinear worksurfaces.



**Shared cantilever** connects to a panel and supports two adjacent worksurfaces. Triangular-shaped shared cantilever can also be used to support curvilinear worksurfaces.

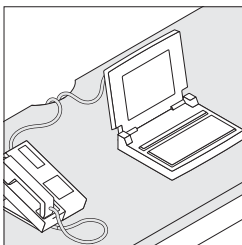


**Side-support brackets** can be used to support the ends of worksurfaces when they are wrapped by panels with a width dimension that matches the Worksurfaces depth. Side-support brackets are shipped in pairs.

► See *Rules for Using Curvilinear Worksurfaces with Avenir Panels*, page 94

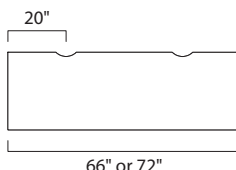
**Side support bracket** is included and must be used to provide additional support for worksurfaces wider than 60".

## Wiring & Cabling

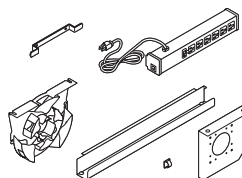


**Cable scallops** are included in the back edges of these worksurfaces to provide space for plugs to pass over the back edge of the worksurface.

**Worksurfaces** are installed with a ⅜" gap separating the back of the worksurface from the supporting panels. This small space permits cord movement. Worksurface supports have stop tabs to ensure proper installation.



**Worksurface edges that are 66"W or wider** have two scallops. Scallops are located 20" from the center of the scallop to the ends of the worksurface.



**Cable management devices** are available to help manage conventional and fiber-optic cables beneath the worksurface.

## Surface Materials

**Directional laminates and wood veneer** are not available on curvilinear worksurfaces.

### Worksurface

- Laminate (standard)
- See *Surface Materials Reference Manual*.

• Open Line laminate (option)  
A program including non-Steelcase laminates that are suitable for use on Steelcase products.

► See *Surface Materials Reference Manual*.

### User's edge(s)

- Plastic T-mold
- Tip: The color of these edges must be specified separately.*
- See page 349 for a list of suggested plastic T-mold edge colors.

### Back and side edges

- Plastic default
- See page 349 for a list of default plastic edge colors.

### Pedestals

- Paint

### End panel

- Paint

### Cantilever and shared cantilever

- Paint

### Side-support brackets

- Paint

## Shipping

**Palletizing** streamlines unloading and staging of worksurfaces. Identical worksurfaces ordered on the same line item are packed on pallets containing 5-50 worksurfaces depending on worksurface size. Remaining worksurfaces are packed individually in cartons. If palletizing is not desired, order in quantities of four or less per line item. For maximum unload efficiency, utilize pallet handling equipment at job site whenever possible. Wood worksurfaces cannot be palletized.

# Jetty Curvilinear Worksurfaces

1 1/2"-Thick

**Curvilinear worksur-**  
**faces** are available to allow  
a broader range of worksta-  
tion layouts with Avenir.  
► Specifying, page 273

**Additional supports**  
are available and must be  
ordered separately.

**Worksurface** has a  
wood core with a laminate  
surface.

**Radius edge** is located on  
the user's front edge of the  
worksurface. This edge is a  
plastic T-mold.

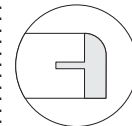
**Plastic straight edge**  
is located on the back and  
sides of the worksurface.

**Cable scallops** are  
included to allow cords and  
cables to pass behind the  
worksurface.

**Column base** is included  
with the worksurface. It  
adjusts from 26 1/8"H to  
30 1/8"H to accommodate  
uneven floors.

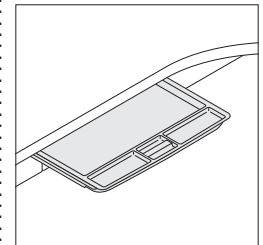
## Product Details

**1 1/2"-thick Avenir work-**  
**surfaces with radius**  
**edge** can be used with  
curvilinear worksurfaces.  
Fit between worksurfaces  
will not be snug.  
*Tip: Avenir non-curvilinear*  
*worksurfaces have a lam-*  
*inate edge and curvilinear*  
*worksurfaces have a T-mold*  
*edge.*



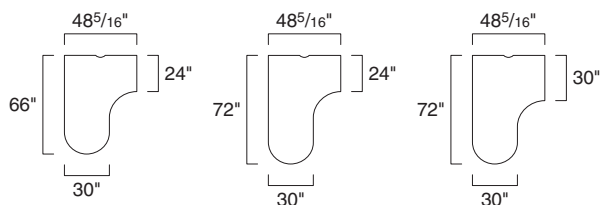
**User's edge(s)** of the  
worksurface are finished  
with a plastic T-mold radius  
edge detail that can be  
specified to match or  
contrast with the laminate  
worksurface. Color of these  
edges must be specified  
separately, unlike the edges  
of other Avenir worksurfaces  
which are defaults deter-  
mined by the laminate color  
that you select.  
► See page 349 for a list  
of suggested plastic T-mold  
edge colors.

**Plastic edge** finishes the  
sides and back of worksur-  
faces. The color of these  
edges are determined by the  
laminate color you select.  
► See page 349 for a list of  
default plastic edge colors.



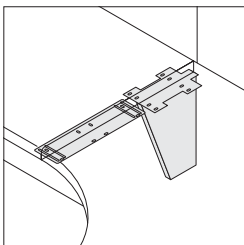
**Field-installed center**  
**drawer** can be installed  
beneath curvilinear work-  
surfaces wherever space  
permits—requires 19 1/2"D  
x 21"W.

## Actual Dimensions





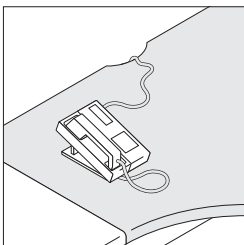
## Connections



**Shared cantilever** connects to a panel and supports two adjacent worksurfaces. Triangular-shaped shared cantilever can also be used to support curvilinear worksurfaces.

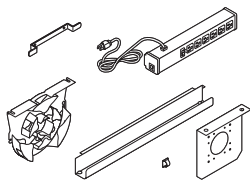
**Pedestals** should not be installed below jetty worksurfaces. Use adjacent worksurfaces instead.

## Wiring & Cabling



**Cable scallops** are included in the back edges of these worksurfaces to provide space for plugs to pass over the back edge of the worksurface.

**Worksurfaces** are installed with a  $\frac{3}{16}$ " gap separating the back of the worksurface from the supporting panels. This small space permits cord movement. Worksurface supports have stop tabs to ensure proper installation.



**Cable management devices** are available to help manage conventional and fiber-optic cables beneath the worksurface.

## Surface Materials

**Directional laminates and wood veneer** are not available on curvilinear worksurfaces.

### Worksurface

- Laminate (standard)
- ▶ See *Surface Materials Reference Manual*.
- Open Line laminate (option)
- A program including non-Steelcase laminates that are suitable for use on Steelcase products.
- ▶ See *Surface Materials Reference Manual*.

### User's edge(s)

- Plastic T-mold
- Tip: The color of these edges must be specified separately.*
- ▶ See page 349 for a list of suggested plastic T-mold edge colors.

### Back and side edges

- Plastic default
- ▶ See page 349 for a list of default plastic edge colors.

### Column support

- Paint

### Shared cantilever

- Paint

## Shipping

**Palletizing** streamlines unloading and staging of worksurfaces. Identical worksurfaces ordered on the same line item are packed on pallets containing 5-50 worksurfaces depending on worksurface size. Remaining worksurfaces are packed individually in cartons. If palletizing is not desired, order in quantities of four or less per line item. For maximum unload efficiency, utilize pallet handling equipment at job site whenever possible. Wood worksurfaces cannot be palletized.

# Visitor, Linking, and Spanner Curvilinear Worksurfaces

1 1/2"-Thick

**Curvilinear worksur-**  
**faces** are available to  
allow a broader range of work-  
station layouts with Avenir.  
► Specifying, pages 274–276

**Worksurface** has a  
wood core with a laminate  
surface.

**Conference end panel**  
is included with the visitor  
worksurface to link to the  
panel and support one  
end of the worksurface. It  
supports the worksurface at  
28 1/2"H.

**Plastic straight edge**  
is located on the back and  
sides of the worksurface.

**Shared cantilevers** must  
be used on both sides of the  
worksurface.

**Additional supports**  
are available and must be  
ordered separately.

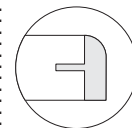
**Radius edge** is located on  
the user's front edge of the  
worksurface. This edge is a  
plastic T-mold.

**Cable scallops** are  
included to allow cords and  
cables to pass behind the  
worksurface.

**Column support** is  
included with the linking  
and spanner worksurfaces.  
It adjusts to a range of 4"  
to accommodate uneven  
floors.

## Product Details

**1 1/2"-thick Avenir work-**  
**surfaces with radius**  
**edge** can be used with  
curvilinear worksurfaces.  
Fit between worksurfaces  
will not be snug.  
*Tip: Avenir non-curvilinear*  
*worksurfaces have a lam-*  
*inate edge and curvilinear*  
*worksurfaces have a T-mold*  
*edge.*

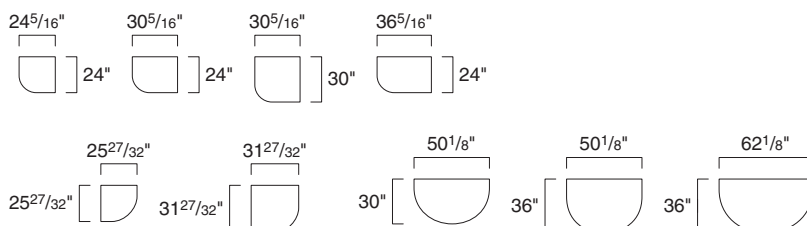


**User's edge(s)** of the  
worksurface are finished  
with a plastic T-mold radius  
edge detail that can be  
specified to match or  
contrast with the laminate  
worksurface. Color of these  
edges must be specified  
separately, unlike the edges  
of other Avenir worksurfaces  
which are defaults deter-  
mined by the laminate color  
that you select.  
► See page 349 for a list  
of suggested plastic  
T-mold edge colors.

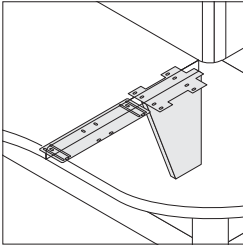
**Plastic edge** finishes the  
sides and back of worksur-  
faces. The color of these  
edges are determined by the  
laminate color you select.  
► See page 349 for a list of  
default plastic edge  
colors.

**Center drawer** is not  
practical to use with visitor,  
linking, and spanner  
worksurfaces.

## Actual Dimensions



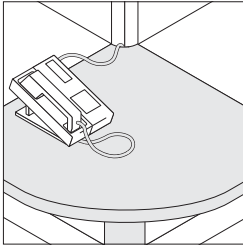
## Connections



**Shared cantilever** connects to a panel and supports two adjacent worksurfaces. Triangular shaped shared cantilever can also be used to support curvilinear worksurfaces.

**Pedestals** should not be installed below these worksurfaces. Use adjacent worksurfaces instead.

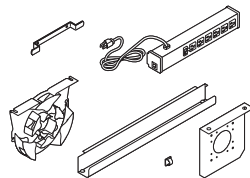
## Wiring & Cabling



**Cable scallops** are included in the back corner of the linking worksurface to provide space for plugs to pass over the back edge of the worksurface.

**An L-configuration filler package** may be modified in the field to fit in the cable scallop of a linking worksurface.

**Cable scallop** is not included in the visitor or spanner worksurfaces. Use adjacent worksurfaces to route cables.



**Cable management devices** are available to help manage conventional and fiber-optic cables beneath the worksurface.

## Surface Materials

**Directional laminates and wood veneer** are not available on curvilinear worksurfaces.

### Worksurface

- Laminate (standard)
- ▶ See *Surface Materials Reference Manual*.
- Open Line laminate (option)
- A program including non-Steelcase laminates that are suitable for use on Steelcase products.
- ▶ See *Surface Materials Reference Manual*.

### User's edge(s)

- Plastic T-mold
- Tip: The color of these edges must be specified separately.*
- ▶ See page 349 for a list of suggested plastic T-mold edge colors.

### Back and side edges

- Plastic default
- ▶ See page 349 for a list of default plastic edge colors.

### Conference end panel

- Paint

### Column support

- Paint

### Shared cantilever

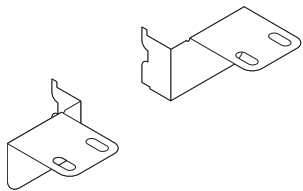
- Paint

## Shipping

**Palletizing** streamlines unloading and staging of worksurfaces. Identical worksurfaces ordered on the same line item are packed on pallets containing 5-50 worksurfaces depending on worksurface size. Remaining worksurfaces are packed individually in cartons. If palletizing is not desired, order in quantities of four or less per line item. For maximum unload efficiency, utilize pallet handling equipment at job site whenever possible. Wood worksurfaces cannot be palletized.

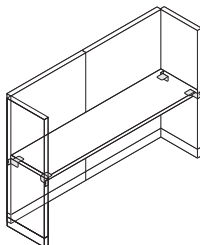
# Worksurface Supports

## Side Support



► Specifying, page 277

### Product Details



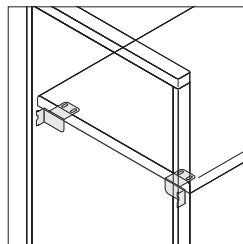
**Side supports** hold up a straight worksurface that is the same dimension as the panel it is linked to.

**Panel width** must equal the worksurface depth.

**Side supports** are ordered separately.

### Connections

**Side supports** can be used to support Avenir worksurfaces.



**Side supports** hook into the panel at any height and fasten to the worksurface with screws.

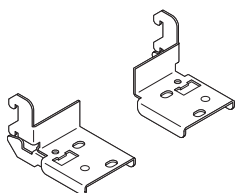
**One pair** of side supports is used to support the front and the back of the work surface on the same end. You can use an alternative support at the other end of the worksurface.

### Surface Materials

#### Side support

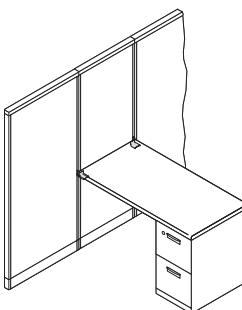
- Grey V2 paint only

## Locking Side Support



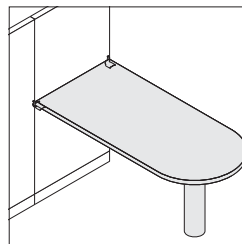
► Specifying, page 277

### Product Details



**Locking side supports** attach the worksurface to a panel when the worksurface is not panel wrapped and is supported by a pedestal on the opposite end.

**Locking side supports** are ordered separately.

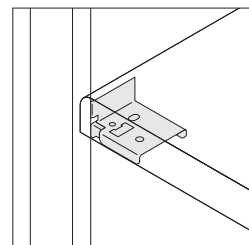


**Panel-supported tables** are standard with locking side supports.

► Page 90

### Connections

**Locking side supports** can be used to support Avenir worksurfaces.



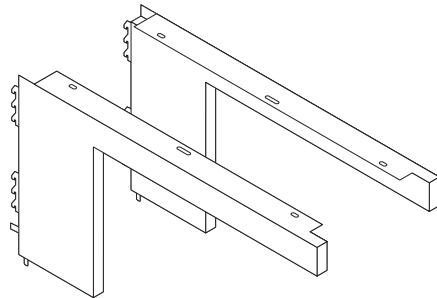
**Locking side support** hooks into a panel and fastens to the worksurface with screws.

### Surface Materials

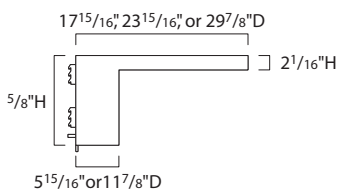
#### Locking side support

- Black paint only

## L-Shaped Cantilevers



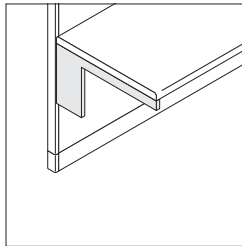
► Specifying, page 278



### Actual Dimensions

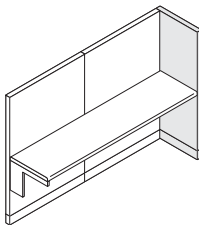
Depth	17 <sup>15</sup> / <sub>16</sub> ", 23 <sup>15</sup> / <sub>16</sub> ", or 29 <sup>7</sup> / <sub>8</sub> "
Width (thickness)	3/4"
Height	12 <sup>5</sup> / <sub>8</sub> "

### Product Details



**Cantilevers** support worksurfaces and leave the floor unobstructed.

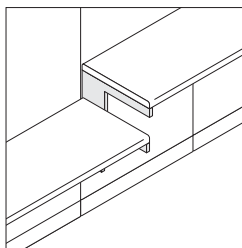
**Cantilevers** are ordered separately.



**Return panel** must be the same width as the worksurface depth. Side supports must be used.

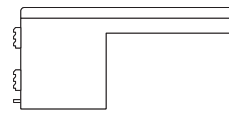
### Connections

**Cantilevers** can be used to support Avenir worksurfaces.



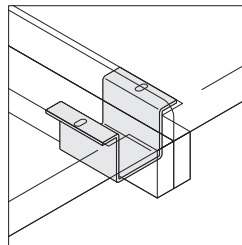
**Cantilever** hooks into a panel at any height and fastens to the worksurface with screws.

D

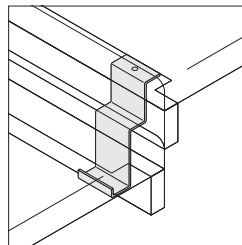


**Cantilever depth** must correspond with the depth of the worksurface.

**Spring-activated safety catch** automatically locks the worksurface supports onto the panel to secure the worksurface.



**Cantilever-to-cantilever clamp** is used to align side-by-side worksurfaces of the same height that are supported by a pair of cantilevers.



**Change-of-height cantilever-to-cantilever clamp** aligns worksurfaces at different heights that are supported by cantilevers. Change of height is three inches.

### Surface Materials

#### Cantilever

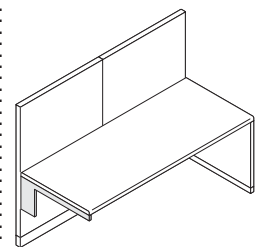
- Paint

#### Cantilever-to-cantilever clamp

- Black paint only

### Application Topics

**Alternative worksurface supports** can be used at the opposite end of the worksurface.



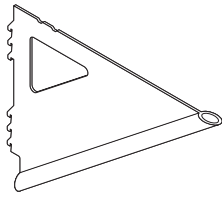
#### 30"D worksurfaces cannot be supported by two cantilevers.

Support one end with side support, end panel, clear-access end panel, or a pedestal to achieve adequate stability.

#### Corner Worksurfaces

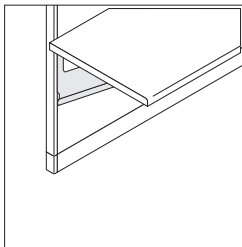
► Page 96

## Triangular-Shaped Cantilevers



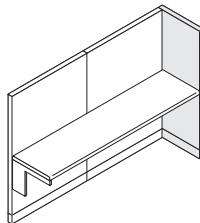
► Specifying, page 278

### Product Details



**Cantilevers** support worksurfaces and leave the floor unobstructed.

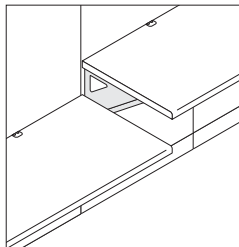
**Cantilevers** can be used on all Avenir worksurfaces. They must be ordered separately.



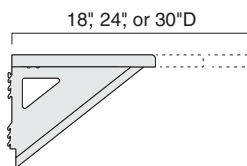
**Return panel** must be the same width as the worksurface depth. Side supports must be used.

**All cantilevers** are ordered separately.

### Connections



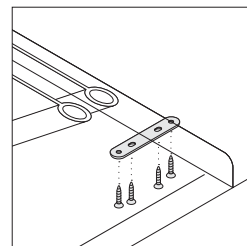
**Cantilever** hooks into a panel at any height and fastens to the worksurface with screws.



**Cantilever** can be used on 18"D, 24"D, and 30"D worksurfaces.

**Safety catch** locks the worksurface supports onto the panel to secure the worksurface.

**Non-handed** so it can accommodate left- and right-hand applications.



**Tie plate** is used to align side-by-side worksurfaces of the same height that are supported by a pair of cantilevers.

### Surface Materials

#### Cantilever

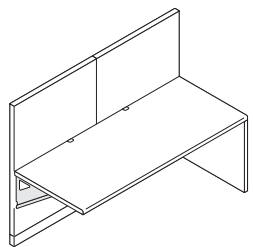
- Paint

#### Tie plate

- Grotto paint only

### Application Topics

**Alternative worksurface supports** can be used at the opposite end of the worksurface.



#### 30"D worksurfaces cannot be supported by two cantilevers.

Support one end with side support, end panel, clear-access end panel, or a pedestal to achieve adequate stability.

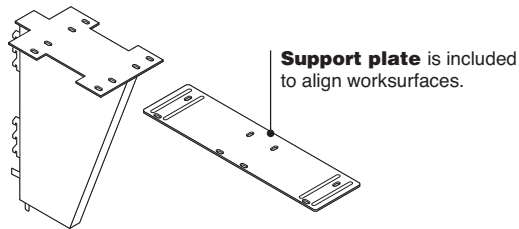
#### Corner Worksurfaces

► Page 96

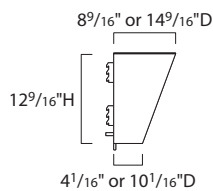
### Actual Dimensions

<b>Depth</b>	16"
<b>Width (thickness)</b>	1"
<b>Height</b>	12"

## L-Shaped Shared Cantilevers



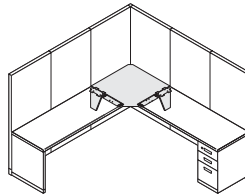
► Specifying, page 279



### Actual Dimensions

Depth	8 <sup>9</sup> / <sub>16</sub> " or 14 <sup>9</sup> / <sub>16</sub> "
Height	12 <sup>9</sup> / <sub>16</sub> "
Support plate	14"D x 3 <sup>1</sup> / <sub>16</sub> "W

### Product Details



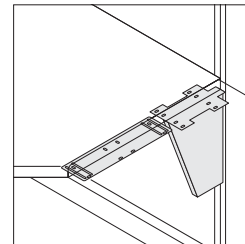
**Shared cantilevers** support adjacent worksurfaces at the same height.

**Two versions** of the shared cantilever are available for 24"D and 30"D worksurfaces.

**Shared cantilevers** are ordered separately.

### Connections

**Shared cantilever** can be used to support other Avenir worksurfaces.



**Shared cantilever** hooks into a panel at any height and fastens to the worksurface with screws.

**Spring-activated safety catch** automatically locks the worksurface supports onto the panel to secure the worksurface.

### Surface Materials

**Shared cantilever**

- Paint

**Support plate**

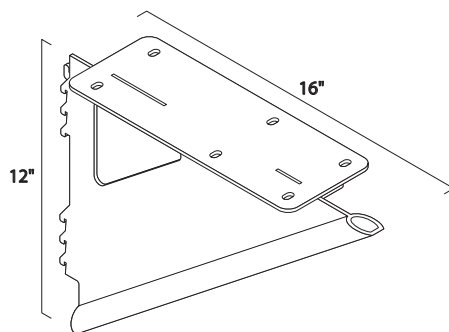
- Black paint only

### Application Topics

**Corner Worksurfaces**

► Page 96

## Triangular-Shaped Shared Cantilever

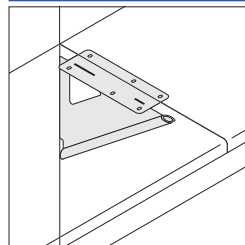


► Specifying, page 279

### Actual Dimensions

Depth	16"
Height	12"
Top plate depth	11 <sup>3</sup> / <sub>4</sub> "
Top plate width	4 <sup>1</sup> / <sub>2</sub> "

### Product Details



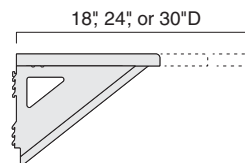
**Cantilevers** support two adjacent worksurfaces and leave the floor unobstructed.

**Cantilevers** can be used on all Avenir worksurfaces and curvilinear worksurfaces.

### Connections

**Cantilever** hooks into a panel at any height and fastens to the worksurfaces with screws.

**Alignment plate** is included to join adjacent worksurfaces at the same level.



**Cantilever** can be used on 18"D, 24"D, and 30"D worksurfaces.

**Worksurface supports** lock onto the panel to secure the worksurface.

### Surface Materials

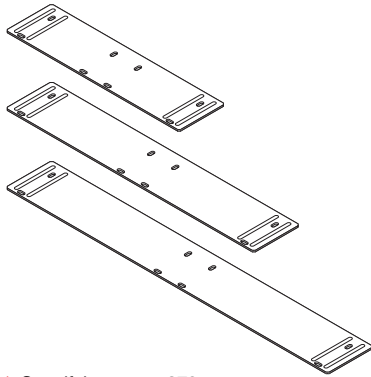
**Shared cantilever**

- Paint

**Alignment plate**

- Grotto paint only

## Support Plates

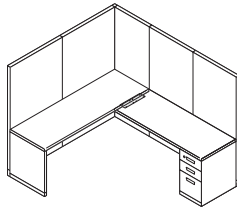


► Specifying, page 279

### Actual Dimensions

Depth	14", 20", or 25 <sup>15</sup> / <sub>16</sub> "
Width	3 <sup>1</sup> / <sub>16</sub> "

### Product Details



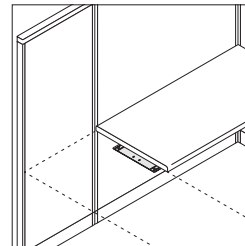
**Support plate** joins worksurfaces at the same height and allows adjacent worksurfaces to provide support at a 90° angle.

**Three support plate sizes** are available to correspond with the three worksurface depths. Each plate is 4" less deep than the worksurface depth: 14"D on an 18"D worksurface, 20"D on a 24"D worksurface, and 25<sup>15</sup>/<sub>16</sub>"D on a 30"D worksurface.

**Support plates** are ordered separately.

### Connections

**Support plates** can be used to support 1½"-thick worksurfaces.



**Support plate** attaches to adjacent worksurface with screws.

### Surface Materials

**Support plate**

- Black paint only

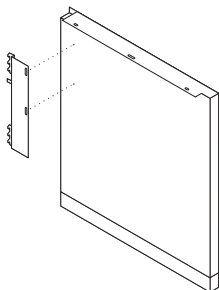
### Application Topics

**Adjacent worksurface** must be supported at both ends.

**Panel-Supported Tables**

► Page 90

## End Panels with Base

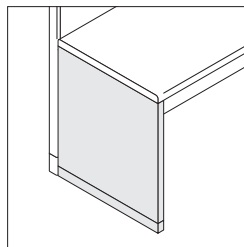


► Specifying, page 280

### Actual Dimensions

Depth	18", 24", or 30"
Width (thickness)	1 <sup>5</sup> / <sub>16</sub> "
Height	27"
Leveling glide range	1"

### Product Details

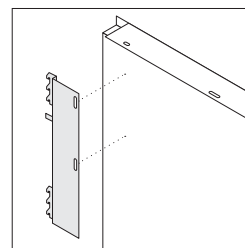


**End panels** support 1½"-thick worksurfaces at an overall height of 28½".

**End panels** are ordered separately.

### Connections

**End panels** can be used to support 1½"-thick worksurfaces.



**Panel-attachment hardware** is fastened to the end panel in the field to accommodate left- or right-hand applications. They are not freestanding units.

**End panel** hooks into the panel and fastens to the worksurface with screws.

### Surface Materials

**End panel**

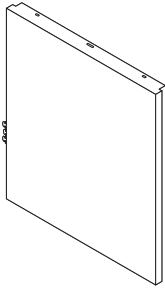
- Paint

**Leveling glides**

- Black only



## End Panels without Base

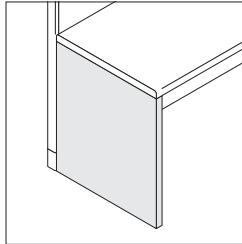


► Specifying, page 280

### Actual Dimensions

<b>Depth</b>	24" or 30"
<b>Width (thickness)</b>	1"
<b>Height</b>	27"
<b>Leveling glide range</b>	1"

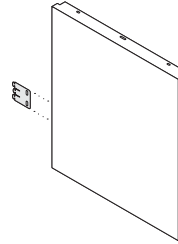
### Product Details



**End panels** without base support 1½"-thick worksurfaces at an overall height of 28½".

**End panels** are ordered separately.

### Connections



**Panel-attachment hardware** is fastened to the end panel in the field to accommodate either left- or right-hand applications, but should not be used to support both. They are not freestanding units.

**End panel** hooks into the panel and fastens to the worksurface with screws.

### Surface Materials

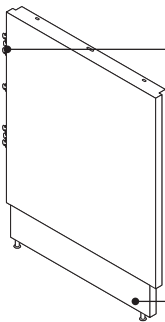
#### End panel

- Paint

#### Leveling glides

- Black only

## Floor-Support End Panels



**Attachment hardware** engages slotted channel in panel seam.

**Adjustable-height base** accommodates worksurface heights from 25"H to 28¾"H.

► Specifying, page 281

### Actual Dimensions

<b>Depth</b>	24" or 30"
<b>Width (thickness)</b>	1⅝"
<b>Height</b>	25" to 28¾"
<b>Leveling glide range</b>	¼"

### Product Details

**Left- and right-hand versions** of the floor-support end panels are available.

**Depth** of floor-support end panel corresponds to either 24"D or 30"D worksurfaces.

### Surface Materials

#### End panel

- Paint

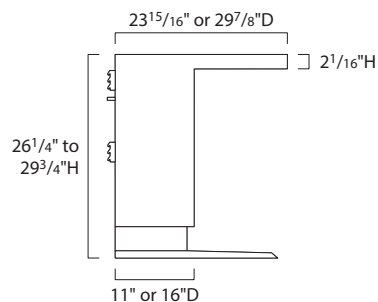
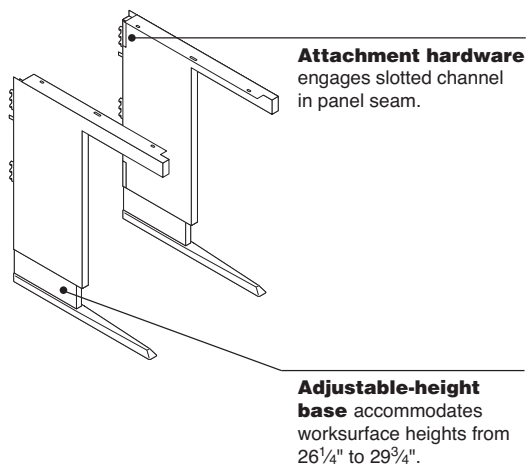
#### Leveling glides

- Black only

## Clear-Access End Panels

**Right- and left-hand versions** of the clear-access end panel are available.

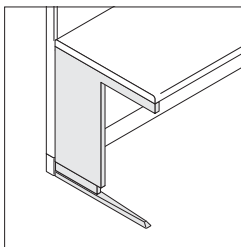
► Specifying, page 282



### Actual Dimensions

<b>Depth</b>	24" or 30"
<b>Width (thickness)</b>	1 <sup>5</sup> / <sub>16</sub> "
<b>Height</b>	26 <sup>1</sup> / <sub>4</sub> " to 29 <sup>3</sup> / <sub>4</sub> "
<b>Leveling glide range</b>	<sup>1</sup> / <sub>4</sub> "

### Product Details



**Clear-access end panel** supports a worksurface and provides kneespace.

**Clear-access end panels** provide more support and stability than cantilevers, but still allow users to swivel their chairs without running into the worksurface supports.

**Clear-access end panels** are ordered separately.

### Connections

**Clear-access end panels** can be used to support 1<sup>1</sup>/<sub>2</sub>"-thick worksurfaces.

**Clear-access end panels** hook into the panel and fasten to the worksurface with screws. They are not freestanding units.

**Spring-activated safety catch** automatically locks the worksurface supports onto the panel to secure the worksurface.

### Surface Materials

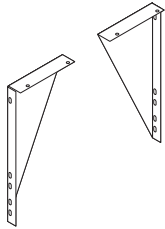
**Clear-access end panel**

- Paint

**Leveling glides**

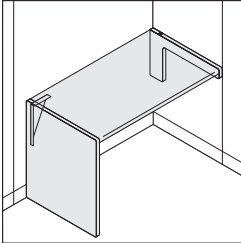
- Black only

## End Panel Stabilizer Bracket



► Specifying, page 284

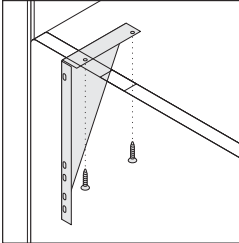
### Application



**Use to stabilize** the 90° connection between the end panel and the worksurface when the end panel doesn't meet a panel seam.

**End panel stabilizer bracket** is available in left- and right-hand versions.

### Connections



**Connects** with screws to the underside of the worksurface and the inside of the end panel.

### Surface Materials

#### Bracket

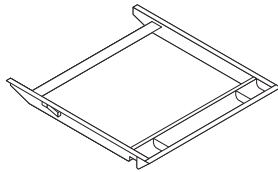
- Black paint only

### Specifying

**Must** be ordered separately.

# Worksurface Accessories

## Metal Center Drawers



► Specifying, page 285

### Actual Dimensions

Depth	18 $\frac{1}{8}$ " or 23"
Inside depth	14 $\frac{1}{2}$ " or 19 $\frac{1}{2}$ "
Width	21 $\frac{1}{2}$ "
Inside width	19 $\frac{1}{2}$ "
Height	2 $\frac{3}{8}$ "
Inside height	2"

### Product Details

**Metal center drawer** provides convenient personal storage beneath the worksurface.

**Tray** for pencils and paper clips is included.

**Locks** are not available on center drawers. For secure storage, use pedestals and other lower storage with locks.

### Connections

**Fits** on all 24"D and 30"D panel-supported worksurfaces and 24"D, 30"D, and 36"D desks.  
*Tip: 24"D desk can only use the 18 $\frac{1}{8}$ "D center drawer.*

**Installation** is in the field.

**Drawer frame and attaching hardware** are included for field installation.

### Wiring & Cabling

**Grommets** cannot be used over center drawers.  
► Page 114

### Surface Materials

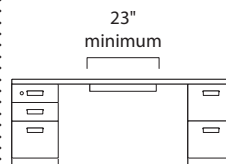
#### Center drawer

- Paint

*Tip: Drawer will match the color of the supports. If you want a complementary color, you should order the drawer separately for field installation.*

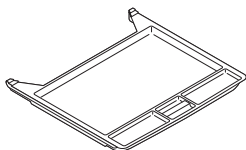
### Application Topics

**Drawer** should be placed approximately 4" from the left or right end to allow for the attachment of cantilevers or end panels.



**Kneespace clearance** needed is 23"W.

## Plastic Center Drawer



► Specifying, page 285

### Actual Dimensions

Depth	19"
Inside depth	14 $\frac{7}{8}$ " (includes pencil tray)
Width	21"
Inside width	19"
Height	1 $\frac{1}{2}$ "
Inside height	1 $\frac{3}{8}$ "
Overall height installed	2"
Pencil spaces	2 $\frac{7}{8}$ "D x 7 $\frac{1}{2}$ "W
Paper clip spaces	1"D x 3 $\frac{3}{4}$ "W

### Product Details

**Light-duty, plastic center drawer** can be added beneath the worksurface to store pens, pencils, paper, and other lightweight personal tools.

**Low profile** ensures that drawer is not visually prominent and occupies little kneespace.

**Locks** are not available on center drawers. For secure storage, use pedestals and other lower storage with locks.

### Connections

**Plastic center drawer** can be used with 1 $\frac{1}{2}$ "-thick worksurfaces.

**Field install center drawer** wherever space is available beneath the worksurface. Minimum area required is 19 $\frac{1}{2}$ "D x 21"W. A 27"H or higher clearance is recommended.

**Installation template and attaching hardware** are included for field installation.

### Wiring & Cabling

**Grommets** cannot be used over center drawers.  
► Page 114

### Surface Materials

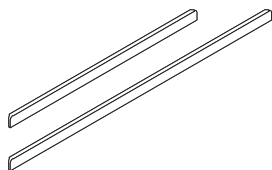
#### Drawer

- Black textured plastic only

#### Slides

- Black plastic only

## Worksurface Fillers

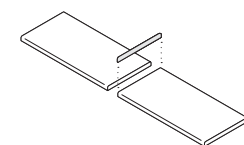
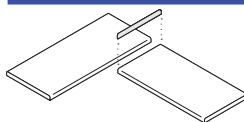


► Specifying, page 283

### Actual Dimensions

<b>Depth</b>	24" or 30"
<b>Width</b>	5/16"
<b>Height</b>	1 1/2"

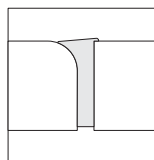
### Product Details



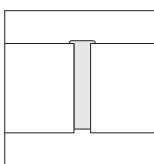
**Worksurface fillers** are used to fill in the slight gaps that may result when work-surfaces are connected in perpendicular or straight-line applications.

### Connections

**Worksurface fillers** are available for use with 1 1/2"-thick worksurfaces.



**Perpendicular configurations** require a worksur-face filler that conforms to a radius worksurface edge on one side and a straight worksurface edge on the other side.



**Straight-line configura-tions** require a worksur-face filler that accommodates straight worksurface edges on both sides.

**Worksurface filler sizes** are available to correspond with worksurface depths.

### Surface Materials

**Worksurface filler, 1 1/2"-thick**

- Plastic
- Page 346

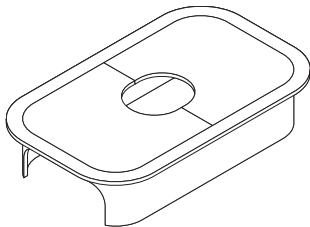
### Application Topics

**Order** worksurface fillers after the worksurface instal-lation because different furniture applications and installation techniques may not require a worksurface filler or worksurface filler may not fit.

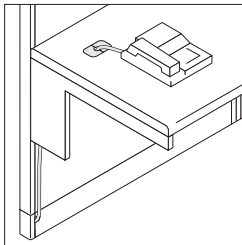
**How Panel-Supported Components Fit**

► Page 52

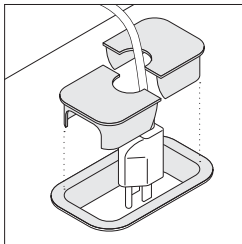
# Grommets



## Product Details



**Grommets** are factory installed to allow cords and cables to pass through the worksurface.



**Snap-out cover** allows numerous cords and cables to pass through the worksurface. Three-prong plugs will fit through the opening. The cover holds cords in place when replaced.

## Surface Materials

### Grommet

- Plastic

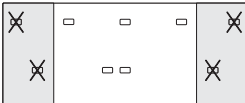
*Tip: If a plastic color is not specified, 6000 Black will be provided.*

► Page 346

## Application Topics



**Center drawers** will block access to grommets, so avoid specifying center grommets when installing center drawers.



**Pedestals** will block access to some grommets, so avoid left and right grommets when specifying worksurfaces that will have pedestals installed beneath the grommets.

### Grommet Locations

► Page 115

### Center Drawer Fit and Grommet Obstruction

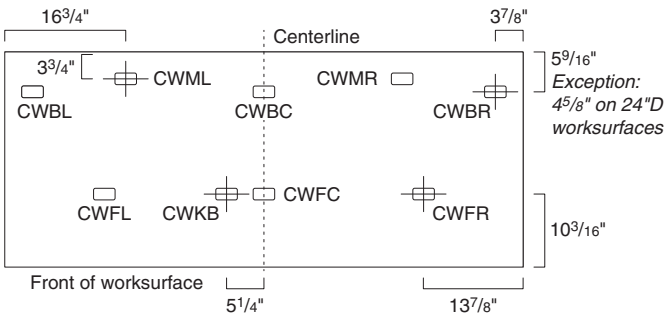
► Page 118

## Actual Dimensions

Depth	2 1/8"
Width	3 1/2"
Height	13/16"
Opening depth	1 5/8"
Opening width	3"
Size of pass-through hole	3/4" x 7/8"

## Panel-Supported Rectangular Worksurfaces, Credenzas, and Returns

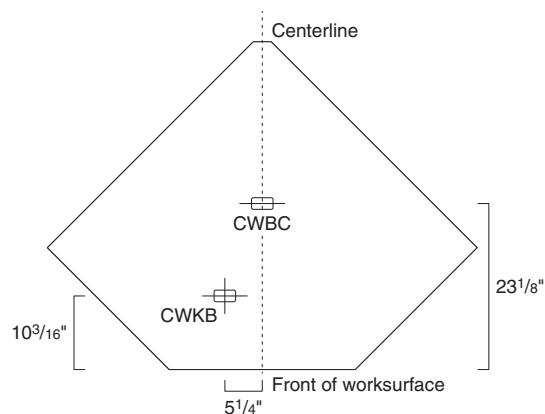
**Any combination** of up to nine grommet locations is available.



*Exception: On the worksurfaces shown below, only select grommet locations are available.*

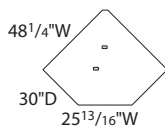
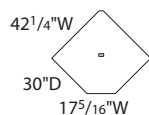
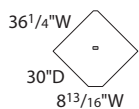
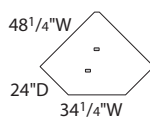
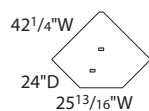
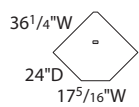
	30"W	36"W	42"W	48"W
18"D				
24"D				
30"D				

## Corner Worksurfaces



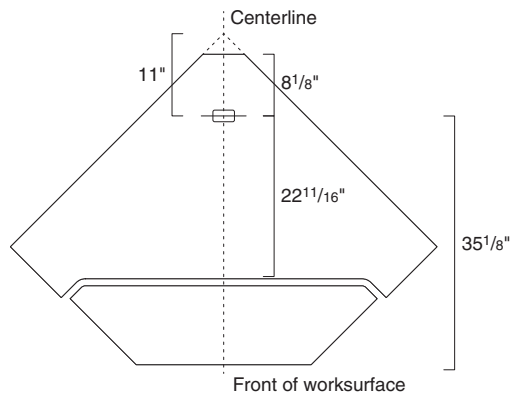
**Back center grommet (CWBC)** is available on all corner workspaces.

**Keyboard grommet (CWKB)** is available on corner workspaces with front edge more than 25"W.

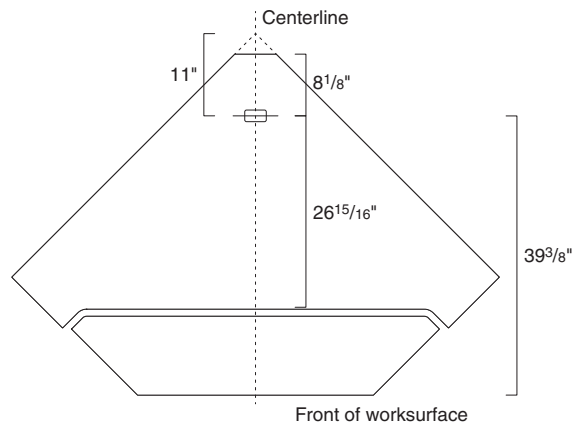




### Corner Worksurface with Adjustable Keyboard Shelf

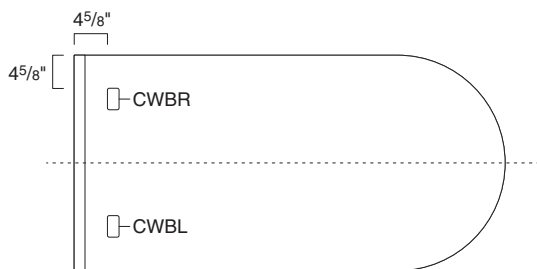


**42" Corner Worksurface**



**48" Corner Worksurface**

### Radius-End Tables



# Center Drawer Fit and Grommet Obstruction

## Panel-Supported Worksurfaces

		30"W	36"W	42"W	48"W	60"W	66"W	72"W
<b>Panel-supported worksurfaces with center drawer attached in the center.</b> <i>Tip: 18"D worksurfaces cannot accommodate center drawers.</i>	24"D							
	30"D							

## Panel-supported worksurfaces with center drawer attached 4" from the left edge.

*Tip: 30"W and 36"W worksurfaces can only accommodate center-attached center drawers.*

24"D					
30"D					

## Panel-supported worksurfaces with center drawer attached 4" from the right edge.

*Tip: 30"W and 36"W worksurfaces can only accommodate center-attached center drawers.*

24"D					
30"D					

## Desks

### Desks with center drawer attached in the center.

24"D			
30"D and 36"D			

### Desks with center drawer attached 11 1/4" from pedestal on left.

24"D			
<b>Pedestals</b> block grommets located above them. 30"D and 36"D			

### Desks with center drawer attached 11 1/4" from pedestal on right.

24"D			
<b>Pedestals</b> block grommets located above them. 30"D and 36"D			

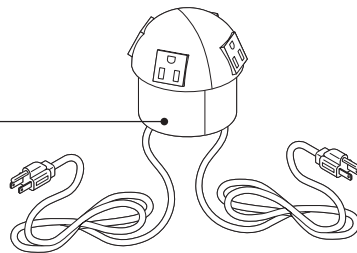
□ White dot indicates that grommet is accessible.

■ Black dot indicates that grommet is obstructed.

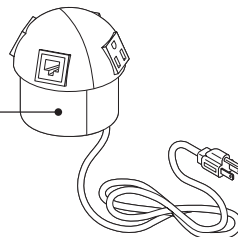
## Power and Communication Spheres and Port

**Power and communication spheres and port** provide convenient desktop access to power outlets and data jacks. Spheres and ports are field installed only.

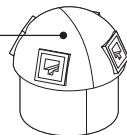
**Power spheres** have four electrical outlets and two 6' cords with plug or conduit for hardwired applications.  
► Specifying, page 288



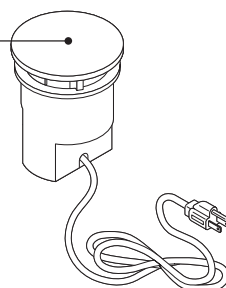
**Power and communication spheres** provide two electrical outlets, faceplates for two customer-supplied voice/data jacks, and a 6' cord with plug or conduit.  
► Specifying, page 288



**Communication sphere** includes faceplate for two customer-supplied voice/data jacks.  
► Specifying, page 289



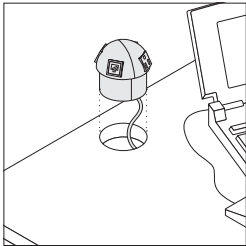
**Power and communication port** has a low-profile cover that is almost flush with worksurface.  
► Specifying, page 289



**Power and communication port** includes two outlets and two adapters to accommodate customer supplied standard voice/data jacks.

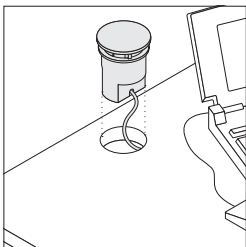
## Power and Communication Spheres and Port, continued

### Product Details

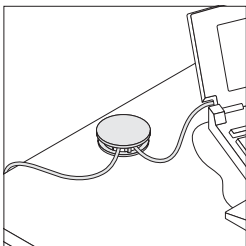


**Power and communication spheres** are field installed. Use a 3"-diameter drill to cut mounting hole at desired location.

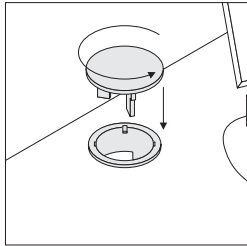
**Round power and communication port** contains an opening in one side of lower port that allows excess wire and cable cords to drop beneath the worksurface, leaving the port clear.  
► Specifying, page 289



**Port** is field installed. Use a 3 1/2"-diameter drill to cut mounting hole at desired location.



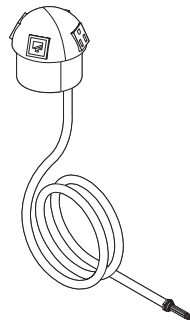
**Lid of port** in up position allows low-profile routing.



**Lid** can drop down when port is not in use, and conceal outlets. Twist lid until legs line up with slots and push down until lid is flush with housing.

### Wiring & Cabling

**6' power cord** is included on power and communication spheres and port.



**Hardwired version of power and communication sphere** is available with 6' Greenfield conduit.

*Tip: Hardwiring must be done by a licensed electrician.*

**Chicago, New York City, and Los Angeles** have special requirements.

**Underwriters Laboratory (UL) and Canadian Standards Association (CSA) listed.** These products have been designed to meet U.S. and Canadian national electrical and energy codes and most local building codes. Local electrical codes vary, so consult with your local authority having jurisdiction as they have final say if the products as installed are compliant with local code. Consult a qualified electrician or electrical engineer for proper installation of all electrical equipment.

### Surface Materials

**Power spheres, communication spheres, and round power and communication port**

- Black plastic only

Cable and Fiber Reel

**Cable and fiber reel** is available to store excess fiber-optic cable lengths. It is also suitable for storing power cables.  
► Specifying, page 286

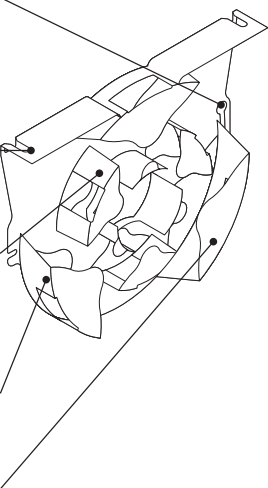
**Key-shaped mounting hole** allows quick installation and removal of reel mounted horizontally to underside of worksurface.

**Mounting slots** allow installation of reel vertically beneath worksurface.

**Inner reel** accommodates copper wire and other cables that can be wound tightly.

**Outer reel** accommodates the preferred bend radius of fiber-optic cables.

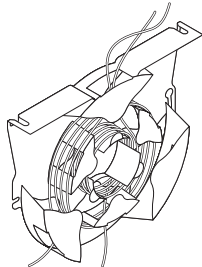
**Tabs** prevent cables from slipping off reel.



Actual Dimensions

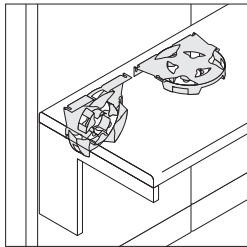
Depth	1¼"
Width	8"
Height	8⅝"

Product Details



**Capacity of reel** is approximately 12' of standard power or communication cable on outer reel and 18' of telephone-type cord on inner reel depending on the specific cable used. Neatness of installation can affect capacities. In critical situations, you should conduct a test using the specific cable types your installation requires.

Connections



**Reel** can be field installed vertically or horizontally in the kneespace of panel-supported worksurfaces.

Wiring & Cabling

**Chicago, New York, and Los Angeles** have special requirements.

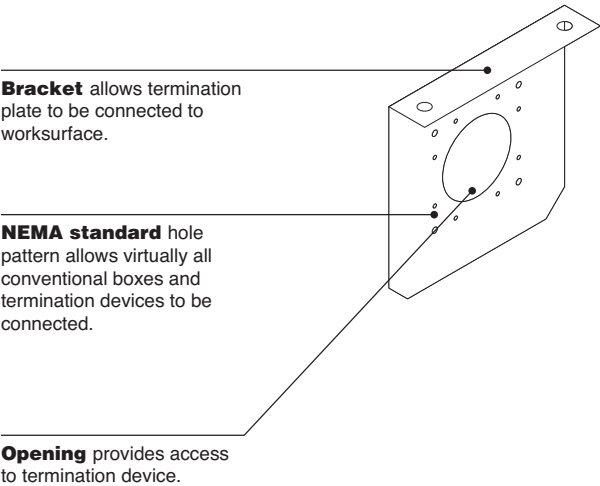
**Local electrical codes vary.** Consult a qualified electrician or electrical engineer for the proper installation of electrical equipment.

Surface Materials

**Reel**  
• Black plastic only

Termination Plate

**Termination plate** is available for field installation to accommodate junction boxes for connections of fiber-optic cables and other cable types.  
► Specifying, page 286



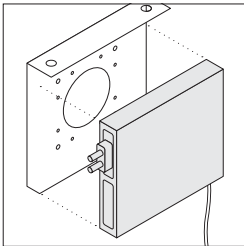
**Bracket** allows termination plate to be connected to worksurface.

**NEMA standard** hole pattern allows virtually all conventional boxes and termination devices to be connected.

**Opening** provides access to termination device.

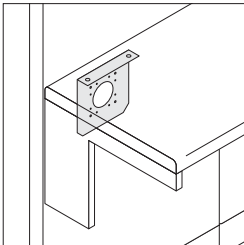
Actual Dimensions	
Depth	3/4"
Width	7 1/8"
Height	7 1/8"
Center opening	2 3/4" diameter

Product Details



**Faceplates and junction boxes** can be added to support fiber-optic or ordinary voice/data networks.

Connections



**Termination plate** is field installed beneath the worksurface in any position needed. Usually, it is located at the back of the worksurface so it doesn't obstruct kneespace.

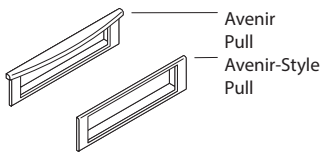
Wiring & Cabling

**Chicago, New York, and Los Angeles** have special requirements.  
**Local electrical codes vary.** Consult a qualified electrician or electrical engineer for the proper installation of electrical equipment.

Surface Materials

**Termination plate**  
• Black plastic only

# Understanding Storage



**Steelcase 800 Series lateral files** are available with an Avenir-style pull to make these products compatible with Avenir. The Avenir-style pull complements the Avenir pull, but it is not identical. The Avenir-style pull is flush so it will allow the lateral file receding door to go back into the file.

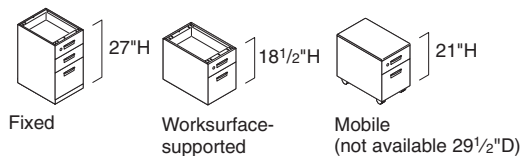
Statement of Line

124

<b>Product Details</b>	
<b>Pedestals with Avenir Pulls</b>	<b>128</b>
<b>Accessories for Pedestals</b>	<b>130</b>
<b>Overhead Bins and Shelves</b>	
Universal Sliding Door Bins	<b>132</b>
Universal Over the Case Bins	<b>136</b>
Universal In the Case Bins	<b>140</b>
Hutch Kits	<b>144</b>
Universal Shelves and Universal Personal Shelves	<b>146</b>
Bracket Application Rules	<b>148</b>
Accessories	<b>150</b>
<b>Slim Shelves</b>	<b>153</b>
<b>800 Series Products</b>	
800 Series Lateral Files	<b>154</b>
<b>Application Topics</b>	
Storage Capacities	<b>157</b>

# Statement of Line

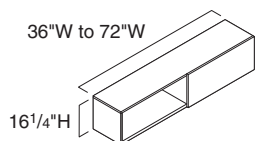
## Storage



Understanding  
 ▶ Page 128  
 Specifying  
 ▶ Pages 292–294

## Pedestals with Avenir Pulls

15\"W	
23½\"D	●
29½\"D	●

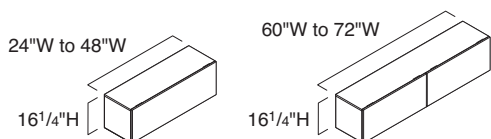


Understanding  
 ▶ Page 132  
 Specifying  
 ▶ Pages 299–301

## Universal Sliding Door Bins

For Use with Avenir

	36\"W	42\"W	48\"W	60\"W	66\"W	72\"W
15¾\"D	●	●	●	●	●	●



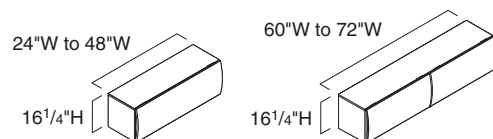
Understanding  
 ▶ Page 136  
 Specifying  
 ▶ Page 302

## Universal Over the Case Bins with Flat Fronts

For Use with Avenir

	24\"W	30\"W	36\"W	42\"W	48\"W	60\"W	66\"W	72\"W
15¾\"D	●	●	●	●	●	●	●	●



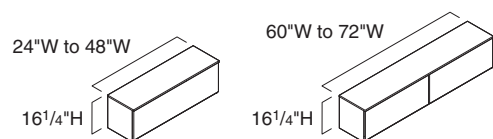


Understanding  
 ▶ Page 136  
 Specifying  
 ▶ Page 304

### Universal Over the Case Bins with Radius Fronts

For Use with Avenir

	24"W	30"W	36"W	42"W	48"W	60"W	66"W	72"W
15 <sup>3</sup> / <sub>4</sub> "D	●	●	●	●	●	●	●	●

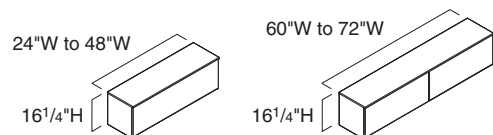


Understanding  
 ▶ Page 140  
 Specifying  
 ▶ Page 306

### Universal In the Case Bins with Steel Flat Fronts

For Use with Avenir

	24"W	30"W	36"W	42"W	48"W	60"W	66"W	72"W
15 <sup>3</sup> / <sub>4</sub> "D	●	●	●	●	●	●	●	●



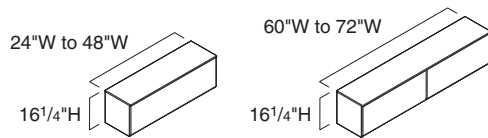
Understanding  
 ▶ Page 140  
 Specifying  
 ▶ Page 308

### Universal In the Case Bins with Laminate Flat Fronts

For Use with Avenir

	24"W	30"W	36"W	42"W	48"W	60"W	66"W	72"W
15 <sup>3</sup> / <sub>4</sub> "D	●	●	●	●	●	●	●	●

## Statement of Line Storage, continued

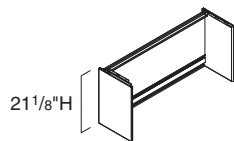


Understanding  
 ▶ Page 140  
 Specifying  
 ▶ Page 310

### Universal In the Case Bins with Wood Flat Fronts

For Use with Avenir

	24"W	30"W	36"W	42"W	48"W	60"W	66"W	72"W
15 <sup>3</sup> / <sub>4</sub> "D	●	●	●	●	●	●	●	●

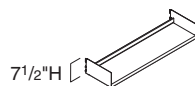


Understanding  
 ▶ Page 144  
 Specifying  
 ▶ Page 312

### Hutch Kits

For Use with Universal Sliding Door Bins, Universal Over the Case Bins, and Universal In the Case Bins

	48"W	60"W	66"W	72"W
14 <sup>7</sup> / <sub>8</sub> "D	●	●	●	●

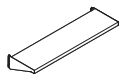


Understanding  
 ▶ Page 146  
 Specifying  
 ▶ Page 315

### Universal Shelves

For Use with Avenir

	24"W	30"W	36"W	42"W	48"W	60"W	72"W
14 <sup>3</sup> / <sub>4</sub> "D	●	●	●	●	●	●	●

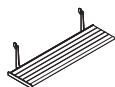


Understanding  
 ▶ Page 146  
 Specifying  
 ▶ Page 316

## Universal Personal Shelves

For Use with Avenir

	24"W	30"W	36"W	42"W	48"W
13 <sup>11</sup> / <sub>16</sub> "D	●	●	●	●	●

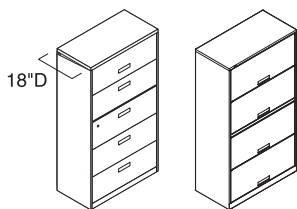


Understanding  
 ▶ Page 153  
 Specifying  
 ▶ Page 320

## Slim Shelves

	24"W	30"W	36"W	42"W	48"W	60"W	72"W	96"W
6"D	●	●	●	●	●	●	●	●

## 800 Series Products



Understanding  
 ▶ Pages 154  
 Specifying  
 ▶ Pages 322

## Lateral Files

	30"W	36"W	42"W
28"H	●	●	●
40"H	●	●	●
52"H	●	●	●
65 <sup>1</sup> / <sub>2</sub> "H	●	●	●

# Pedestals with Avenir Pulls

**Fixed pedestals** rest on the floor and support all rectangular worksurfaces.  
► Specifying, page 292

**Mobile pedestals** fit under a worksurface or can be moved wherever storage is needed.  
► Specifying, page 294

**Top** is 1/8"H steel. Additional top options are available.

**Lock** is standard on all pedestals. It controls all of the drawers in the pedestal. Locks are standard factory-installed, keyed random.  
► Lock and Keying, page 360

**Four casters** are hard composition and non-locking, with a full rotation swivel mechanism. Casters are exposed at the base of box/file pedestals.

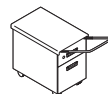
**Top** is open to attach beneath the worksurface.

**Worksurface-supported pedestals** attach beneath all Avenir 1 1/2"-thick worksurfaces.  
► Specifying, page 293

**Drawers** open their full depth for total access to the contents. Box- and file-size drawers are available.

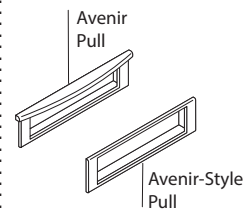
**Back and sides** are finished.

**Leveling glides** adjust to install pedestals on uneven floors.

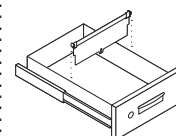


**Mobile pedestal cushion top** provides a temporary seat ideal for informal gatherings. Handle can be extended to easily transport mobile pedestal. Available factory-installed.  
► Page 296

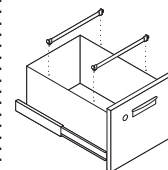
## Product Details



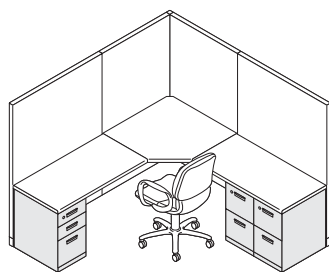
**Steelcase 730 Series storage cabinets and 800 Series lateral files** are available with an Avenir-style pull to make these products compatible with Avenir. The Avenir-style pull complements the Avenir pull, but it is not identical. The Avenir-style pull is flush so it will allow the lateral file receding door to go back into the file.



**Box drawers** are a welded steel construction with proud fronts. One divider is included with each box drawer.

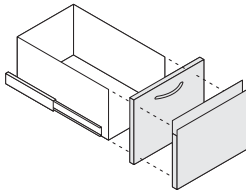


**File drawers** are a welded steel construction with proud fronts. Drawer body sides are full-height and accommodate front-to-back filing of hanging letter-size file folders. Optional rails accommodate side-to-side filing of letter-, A4-, and legal-size hanging folders.

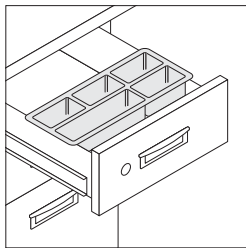


## Actual Dimensions

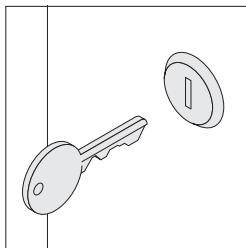
	Fixed pedestal	Worksurface-supported pedestal	Mobile pedestal	Mobile pedestal with factory-installed cushion top
Depth	23 1/2" or 29 1/2"	23 1/2" or 28 1/2"	23 1/2"	23 1/2"
Width	15"	15"	15"	15"
Height	27"	18 1/2"	21"	23 1/4"
Leveling glide range	1 7/8"	N.A.	N.A.	N.A.



**Drawer fronts** can be removed and changed in the field to create a different aesthetic or to replace damaged drawer fronts.



**Pencil tray** to hold small office supplies is included with each box/file or box/box/file pedestal.

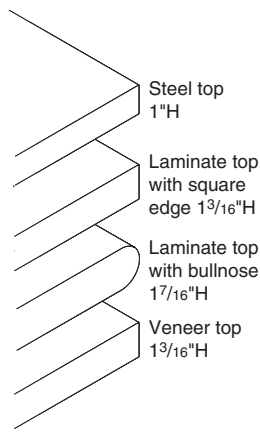


**Locks** are available factory- or field-installed. Factory-installed locks are standard and available keyed random only. Optional field-installed locks are available with consecutive, specific, and random keying options. Master-keyed locks are also available. Field-installed lock cylinders must be specified separately. ▶ *Lock and Keying*, page 360

#### Individual drawer locks

are available on file/file pedestals for applications where you want to limit access to each drawer. Pedestals include a security shield above each drawer to prevent unauthorized access. Individual locking drawers are available with field-installed lock cylinders. Consecutive, specific, and random keying options are available. Master-keyed locks are also available. Field-installed lock cylinders must be specified separately.

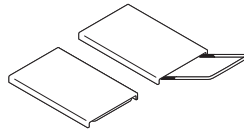
▶ *Lock and Keying*, page 360



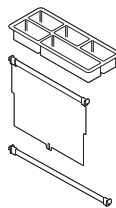
**Steel, laminate, and wood veneer tops** are available in place of standard 1/8"H steel tops. 1"H steel tops, 1 3/16"H laminate with square edge profile, 1 7/16"H laminate with bullnose edge profile on the front edge, and 1 3/16"H wood veneer with square edge profile.

**Safety interlock system** on mobile pedestals allows only one drawer to be opened at a time for added stability.

**Counterweights** are included on mobile pedestals to provide added stability. All pedestals are shipped with a factory-installed counterweight package that meets or exceeds standards for the industry.



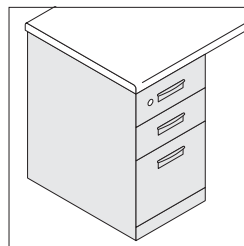
**Handle of mobile pedestal cushion top** is retractable. In the stowed position, handle is flush with mobile pedestal front. In the travel position, the handle is completely extended and articulates upward for transport.



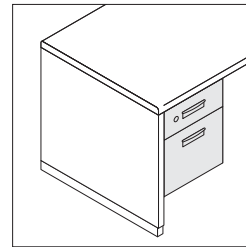
**Field-installed accessories** are available, including pencil trays, dividers, and rails.

▶ Pages 297-298

#### Connections

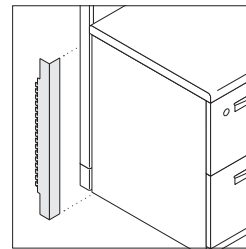


**Fixed pedestals** attach anywhere underneath a rectangular worksurface. They cannot attach to panel-supported tables. Attachment hardware is shipped with each fixed pedestal.



**Worksurface-supported pedestals** can be suspended beneath panel-supported 1 1/2" thick worksurface. Order pedestals separately and install them in the field.

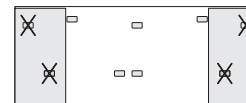
**Side supports** are not required when pedestals support the worksurface.



**A 1/2" gap** between the panel and the back of the pedestal allows for cord routing and storage behind the pedestal.

**A filler** is included with each pedestal to conceal the gap and to provide panel stability for configurations that are not panel-wrapped. *Tip: The filler can be omitted for applications where the gap is not visible, or additional panel stability is not required.*

#### Wiring & Cabling



**Left and right grommet locations** are blocked when pedestals are installed under them.

▶ Page 118

#### Surface Materials

##### Pedestal

- Paint

##### Wood veneer top

- Wood veneer—
- Open-pore finishes
- Customiz stain (option)

##### Laminate top

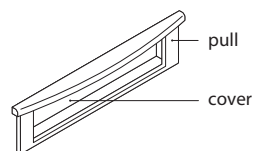
- Laminate
- Open Line laminate (option)

##### Square edge profile on laminate top

- Plastic edge default
- Tip: Bullnose edge tops have a default plastic edge on the sides and back.*

##### Drawer pulls

- Paint



Avenir Pull

**Color of the pull and pull cover** can match or complement the pedestal color.

##### Lock

- 9201 Polished Chrome (standard)
- 9250 Ember Chrome (option)

##### Casters and glides

- Black only

##### Mobile pedestal cushion top

- Upholstery

##### Mobile pedestal cushion top handle

- Black only

#### Application Topics

##### Storage Capacities

▶ Page 157

# Accessories for Pedestals

## Pencil Tray and Reference Shelf

► Specifying, page 298

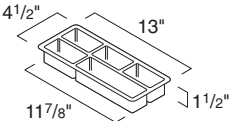
### Product Details

**Pencil tray and reference shelf** are used in:

- Fixed pedestals (manufactured after February 22, 2004)
- Worksurface-supported pedestals (manufactured after February 22, 2004)
- Mobile pedestals (manufactured after February 22, 2004)

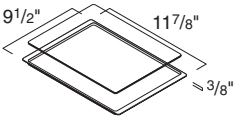
*Tip: For pedestals manufactured on or before February 22, 2004, see Service Parts catalog.*

- Universal towers
- Universal workstation verticals



**Pencil tray** is available to hold small office supplies.

*Tip: Pencil trays are standard in box drawers of pedestals. One pencil tray per pedestal is included.*



**Reference shelf** protects reference papers in box drawers. Shelf rests on top of drawer edges and can slide the entire depth of the drawer. A clear plastic insert is standard with each reference shelf.

### Surface Materials

**Pencil tray, file drawer stationery insert, dividers, and reference shelf**

- Black

**Insert for reference shelf**

- Clear plastic

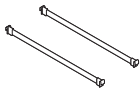
### Actual Dimensions

#### Pencil Tray

Depth	4 1/2"
Width	11 7/8"
Height	1 1/2"

#### Reference Shelf

Depth	9 1/2"
Width	11 7/8"
Height	3/8"

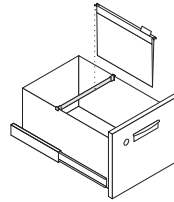
**Rails**

► Specifying, page 297

**Product Details**

**Rails** accommodate both front-to-back and side-to-side filing of letter-, A4 international-, and legal-size hanging folders.

**Rail packages** are available in quantities of two or four rails.



**Rails** can be used for side-to-side filing in 12"H file drawers of:

- Fixed pedestals (manufactured after February 22, 2004)
- Worksurface-supported pedestals (manufactured after February 22, 2004)
- Mobile pedestals (manufactured after February 22, 2004)

*Tip: For pedestals manufactured on or before February 22, 2004, see Service Parts catalog.*

**Surface Materials****Rails**

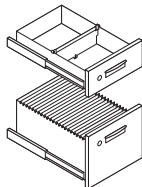
- Black

**Actual Dimensions****For use with drawers**

Width 15"

**Dividers**

► Specifying, page 297

**Product Details**

**Dividers** are available for use in 6"H box drawers and 12"H file drawers of:

- Fixed pedestals (manufactured after February 22, 2004)
- Worksurface-supported pedestals (manufactured after February 22, 2004)
- Mobile pedestals (manufactured after February 22, 2004)

*Tip: For pedestals manufactured on or before February 22, 2004, see Service Parts catalog.*

**12"H drawer dividers** are available in letter-width 15".

**Dividers** ship in a package of two.

**Surface Materials****Dividers**

- Black

**Actual Dimensions****For use in 6"H drawers**

Width 15"

**For use in 12"H drawers**

Width 15"

# Universal Sliding Door Bins

For Use with Avenir

**Universal sliding door bins** attach to panels with an on-module bracket and provide overhead storage in the work space. Door is available in steel or wood.

► Specifying, pages 299-301

**Safety catch** locks overhead storage unit to frame to prevent accidental removal.

**On-module attachment brackets** are used to mount bins on panels of the same width as bins and are included with the bin as a standard component.

**Metal backstop** prevents notebooks and equipment from damaging panel surface.

**Bin** ships assembled.

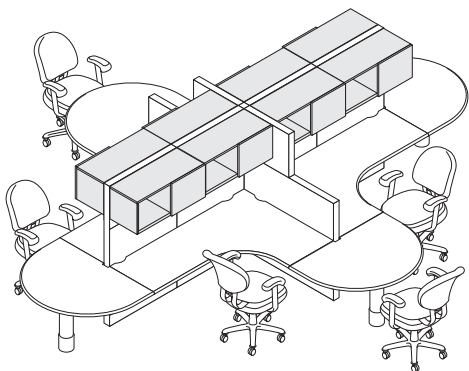
**Steel, laminate, and wood front doors** glide smoothly from one side of the case to the other.

**Lock** is standard on bins to secure the door. The door can be locked in the closed position on either the right- or left-hand side of the bin. Lock is located underneath the center of the shelf. Lock is standard factory-installed, keyed random. A no-lock option is available.

► *Lock and Keying*, page 360

**Recess** beneath unit can accommodate a shelf light.

► Page 164



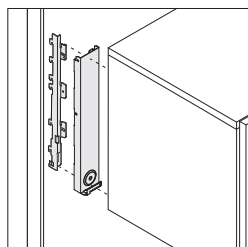
## Actual Dimensions

<b>Depth</b>	15 <sup>3</sup> / <sub>4</sub> "
<b>Width</b>	36", 42", 48", 60", 66", and 72"
<b>Height</b>	16 <sup>1</sup> / <sub>4</sub> "



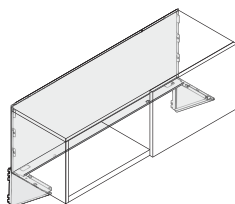
## Product Details

**On-module attachment brackets** are independent of the storage bins and unique to the panel system they are used on. If the storage bin needs to be attached to a different panel in the future, additional on-module attachment brackets can be purchased through Service Parts.

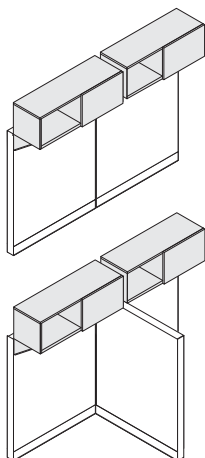


**Vertical off-module brackets**, optional, can be used to mount one or two sides of an overhead bin off-module on Answer, Kick, Avenir, and Montage with vertical slot patterned panels. To mount an overhead bin with one side off-module, specify with one vertical off-module bracket. To mount an overhead bin with two sides off-module, specify with two vertical off-module brackets. Both of these brackets attach to the on-module bracket that comes standard with the overhead bin.

**Vertical off-module brackets** are used with bins up to 12" wider than the panel, allowing them to overhang the panel seam.

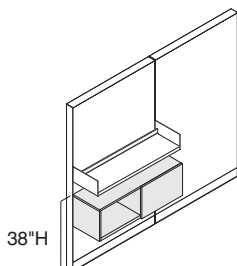


**Upmount brackets**, optional, are for use on Answer, Kick, Avenir, and Montage. Brackets enable overhead storage to be used on lower panel heights. Bins using an upmount bracket must be installed on a panel of the same width.

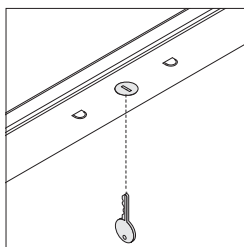


**Two upmount bin brackets** can be hung side-by-side in an in-line, T- or X- application. Universal in the case bins can be up-mounted over or adjacent to a slatwall.

**Omit brackets option** must be specified when bin is being used in hutch kit or when attaching bin to a horizontal wall attachment bracket. Order hutch kit separately.

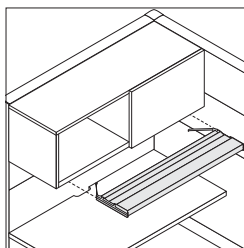


**Universal sliding door bin** may be mounted at desk height elevations or lower if another panel mounted component prevents it from being seated upon.



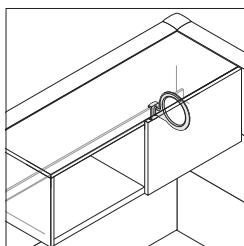
**Lock in bin** is concealed from view beneath the shelf. Locks are available factory or field-installed. Factory-installed locks are standard and available keyed random only. Optional field-installed locks are available with consecutive, specific, and random keying options. Master-keyed locks are also available. Field-installed lock cylinders must be specified separately.

► *Lock and Keying*, page 360

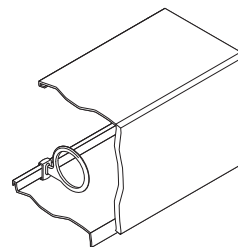


**Shelf lights** are available for use beneath bins. Lights recess into the bottom of the overhead storage unit.

► Page 164



**Dividers** are available as an option for use on bins. Dividers ship in a package of four.

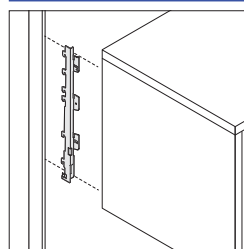


**Back of storage bin** is open to allow panel surface to show. Metal backstop prevents contents of bin from damaging panel surface.

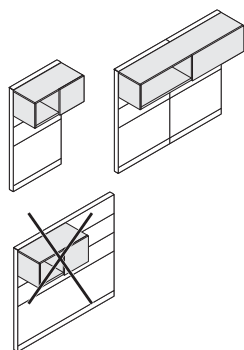
**Overhead storage bin height** accepts standard and A4 binders.

**When mounting on Answer or Kick panels**, top of bin cannot be loaded.

## Connections

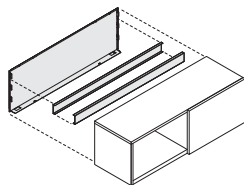


**Steel support** hooks on end supports insert into the slotted channel of a panel or wall channel and lock into place with a safety catch.

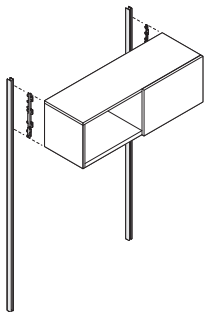


**Width of overhead bin** must match the width of the panel or panels that it is attached to when using an on-module bracket. Bin may span up to two frames.

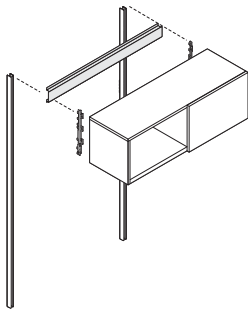
**Additional support for stability** may be required when overhead bins are attached to panels. Counterbalancing loads on opposite sides of the panels increases stability.



**Horizontal wall attachment brackets** are available to attach storage bins to wall of building. Specify as separate style number.  
*Tip: Select the omit brackets option when ordering the bin.*

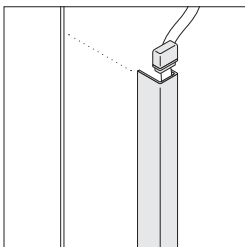


**Wall channels** are available to attach bins to concrete or block walls. Wall channels can be used to attach bins and tackboards to wood, dry wall, or plaster walls if the wall is reinforced.  
▶ Page 151



**Wall channel horizontal brace** is required with wall channels to support bins that are wider than 48".  
▶ Page 151

### Wiring & Cabling



**Vertical wire managers** are available to conceal cords that are routed from light mounted beneath overhead storage.  
▶ Page 172

### Surface Materials

#### Overhead bin

- Paint
- Laminate door (optional)
- Wood door (optional)

#### Locks

- 9201 Polished Chrome
- 9250 Ember Chrome (optional)

#### On-module and vertical off-module attachment brackets

- Black paint only

#### Horizontal off-module attachment brackets for Montage

- Paint to match bin

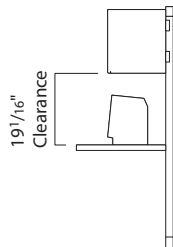
#### Upmount brackets

- Paint

#### Dividers

- White plastic

### Application Topics



**Clearance** between Avenir and Avenir curvilinear worksurfaces and bottom of overhead bins is 19 1/16" when storage unit is installed in the highest position on a 65"H panel and glides are adjusted all the way into the panel.

#### Storage Capacities and Dimensions

▶ Page 157

#### Bracket Application Rules

▶ Page 148

#### Rules for Panel Stability with Components

▶ Page 61



# Universal Over the Case Bins

For Use with Avenir

**Universal over the case bins** can be attached to panels with an on-module bracket and provide overhead storage in the work space.

► Specifying, pages 302–304

**Safety catch** locks overhead storage unit to frame to prevent accidental removal.

**On-module attachment brackets** are used to mount bins on panels of the same width as bins and are included with the bin as a standard component.

**Backstop** prevents notebooks and equipment from damaging the surface of the panels or walls.

**Bin** is steel and ships assembled.

**Flat-front and radius-front lift-up doors** open and close quietly. When up, the doors rest on top of the case to provide more storage space inside.

**Locks** are standard on bins to secure the door(s). Lock is located underneath the center of the shelf. Locks are standard factory-installed, keyed random. Two-door units are keyed alike. A no-lock option is available.

► Lock and Keying, page 360

**Recess** beneath unit can accommodate a shelf light.

► Page 164

## Product Details

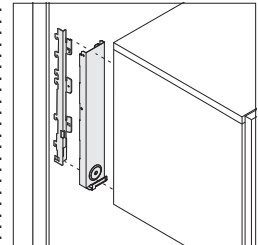
### On-module attachment brackets

are independent of the storage bins and unique to the panel system they are used on. The following style number suffixes indicate the panels they attach to:

**TAK** = Answer and Kick  
**AVR** = Avenir

**MON** = Montage

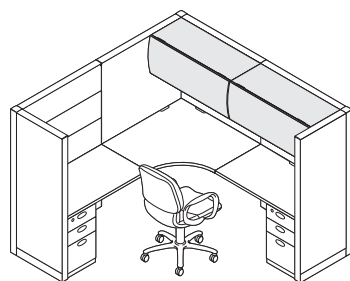
If the storage bin needs to be attached to a different panel in the future, additional on-module attachment brackets can be purchased through Service Parts.



### Vertical off-module brackets

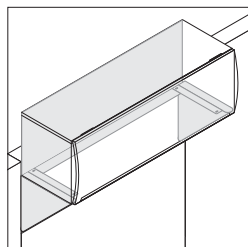
, optional, can be used to mount one or two sides of an overhead bin off-module on Answer, Kick, Avenir, and Montage with vertical slot patterned panels. To mount an overhead bin with one side off-module, specify with one vertical off-module bracket. To mount an overhead bin with two sides off-module, specify with two vertical off-module brackets. Both of these brackets attach to the on-module bracket that comes standard with the overhead bin.

**Vertical off-module brackets** are used with bins up to 12" wider than the panel, allowing them to overhang the panel seam.

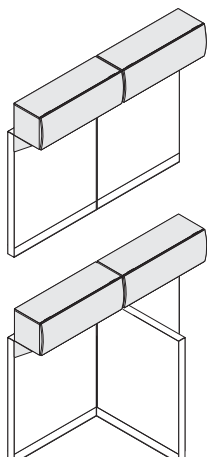


## Actual Dimensions

<b>Depth</b>	15 <sup>3</sup> / <sub>4</sub> "
<b>Width</b>	24", 30", 36", 42", 48", 60", 66", and 72"
<b>Height</b>	16 <sup>1</sup> / <sub>4</sub> "

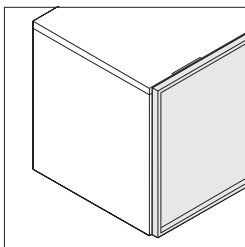


**Upmount brackets** are optional for use on Answer, Kick, Avenir, and Montage. Brackets attach the bin near the top of 53"H panel to enable overhead storage to be used on lower panel heights. Bins using an upmount bracket must be installed on a panel of the same width.



**Two upmount bin brackets** can be hung side by side in an in-line, T- or X-application. Universal over the case bins can be upmounted over or adjacent to a slatwall.

**Omit brackets option** must be specified when bin is being used in hutch kit or when attaching bin to a horizontal wall attachment bracket. Order hutch kit separately.



**Picture frame door,** optional, is available on Universal over the case and in the case bins with flat steel fronts only, and is an aluminum door frame with acrylic or glass inserts. An omit insert option is also available which allows custom material to be field installed in the aluminum door frame.

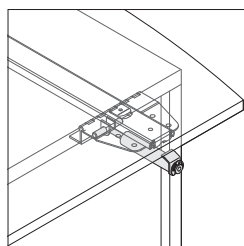
**The acrylic door insert** is a white acrylic. A door assist mechanism is not available as an option on a bin with an acrylic door insert due to the light weight door.

**The glass door insert** is tempered translucent glass. If a glass door insert option is specified and a door assist mechanism is also required, an assist mechanism must be specified as a separate option to the storage bin. Due to the weight of the glass door insert, it is recommended to specify the optional door assist mechanism.

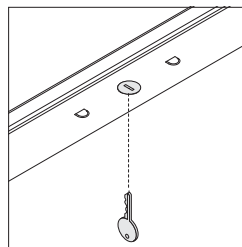
**The omit insert custom material** must be ordered from a material vendor. If an omit insert option is specified and a door assist mechanism is also required, an assist mechanism must be specified as a separate option to the storage bin.

The weight of a custom insert on a Universal over the case bin can not exceed 10½ pounds. An insert for a Universal over the case storage bin door with an assist mechanism must weigh within the range of 7 ¼ pounds to 10½ pounds or the assist mechanism will not function correctly. Custom materials, being installed in a door insert must comply with local building codes. Consult with local authorities to determine compliance requirements. The use of safety glass is required if installing custom glass in a door insert. To install customer provided material in a picture frame door with the insert omitted, make sure the material is cut precisely to the sizes listed on the dimensions matrix.

► See *Dimensions for Custom Field-Installed Picture Frame Door Inserts*, page 139

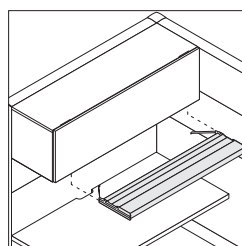


**Door assist mechanism,** optional, consists of a gas cylinder and spring that provides an assisted open and close of the door. When opening the door, the spring pulls the door to the fully recessed position. When closing the door, the assist mechanism will slowly close the door. Universal over the case bins ship with two assist mechanisms per door when specified.



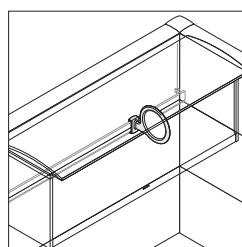
**Lock** in bin is concealed from view beneath the shelf. Locks are available factory- or field-installed. Factory-installed locks are standard and available keyed random only. Two-door units are keyed alike. Optional field-installed locks are available with consecutive, specific, and random keying options. Master-keyed locks are also available. Field-installed lock cylinders must be specified separately.

► *Lock and Keying*, page 360



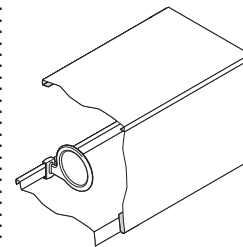
**Shelf lights** are available for use beneath bins. Lights recess into the bottom of overhead bins.

► Page 164



**Divider** is available as an option on overhead bins. Dividers ship in a package of four.

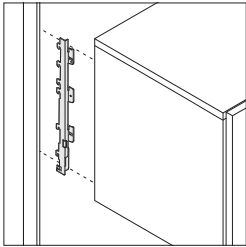
► Page 152



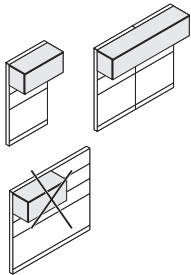
**Back of storage bin** is open to allow panel surface to show. Metal backstop prevents contents of bin from damaging panel surface.

**Overhead storage bin height** accepts standard and A4 binders.

## Connections

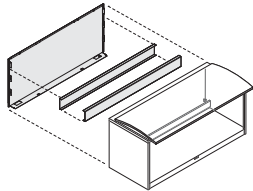


**Steel support hooks** on end supports insert into the slotted channel of a panel or wall channel and lock into place with a safety catch.

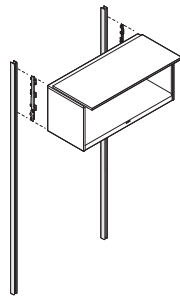


**Width of overhead bin** must match the width of the panel or panels that it is attached to when using an on-module bracket. Bin may span up to two frames.

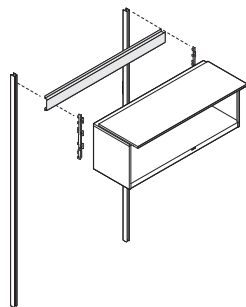
**Additional support** for stability may be required when overhead bins are attached to panels. Counterbalancing loads on opposite sides of the panels increases stability.



**Horizontal wall attachment brackets** are available to attach storage bins to wall of building. Specify as a separate style number. *Tip: Select the omit brackets option when ordering the bin.*

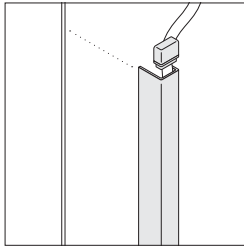


**Wall channels** are available to attach bins to concrete or block walls. Wall channels can be used to attach bins and tackboards to wood, dry wall, or plaster walls if the wall is reinforced. [▶ Page 151](#)



**Wall channel horizontal brace** is required with wall channels to support bins that are wider than 48". [▶ Page 151](#)

## Wiring & Cabling



**Vertical wire managers** are available to conceal cords that are routed from light mounted beneath overhead storage. [▶ Page 172](#)

## Surface Materials

### Overhead bin

- Paint

### Lock

- 9201 Polished Chrome
- 9250 Ember Chrome (optional)

### On-module and vertical off-module attachment brackets

- Black paint only

### Horizontal off-module attachment brackets for Montage

- Paint to match bin

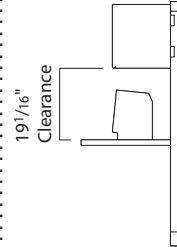
### Upmount brackets

- Paint

### Dividers

- White plastic

## Application Topics



**Clearance** between Avenir and Avenir curvilinear worksurfaces and bottom of overhead bins is 19 1/16" when storage unit is installed in the highest position on a 65"H panel and glides are adjusted all the way into the panel.

### Storage Capacities and Dimensions

[▶ Page 157](#)

### Bracket Application Rules

[▶ Page 148](#)

### Rules for Panel Stability with Components

[▶ Page 61](#)

## Dimensions for Custom Field-Installed Picture Frame Door Inserts

### For Universal Over the Case Bins Custom Picture Frame Door Inserts

Bin Width	Door Width	Height +/-0.02"	Width +/-0.02"	Thickness +/-0.02"
24"	24"	15.933"	23.314"	0.138"
25"	25"	15.933"	24.314"	0.138"
30"	30"	15.933"	29.314"	0.138"
35"	35"	15.933"	34.314"	0.138"
36"	36"	15.933"	35.314"	0.138"
42"	42"	15.933"	41.314"	0.138"
45"	45"	15.933"	44.314"	0.138"
48"	48"	15.933"	47.314"	0.138"
60"	30" (per door)	15.933"	29.314"	0.138"
66"	33" (per door)	15.933"	32.314"	0.138"
70"	35" (per door)	15.933"	34.314"	0.138"
72"	36" (per door)	15.933"	35.314"	0.138"
75"	37½" (per door)	15.933"	36.314"	0.138"

*Tip: A custom insert cannot be factory installed. Custom insert must be ordered from a material vendor and will not be handled like a Steelcase Customer's Own Material. In selecting materials for customer supplied inserts, consider material characteristics, such as effects from thermal changes, humidity changes, aging characteristics, and strength of material. Do not use materials that allow the overall size of the custom insert to deviate by amounts larger than the acceptable tolerances listed in the matrix.*

# Universal In the Case Bins

For Use with Avenir

**Universal in the case bins**, attach to panels with an on-module bracket and provide overhead storage in the work space. Door is available in steel or wood.  
► Specifying, pages 306–310

**Safety catch locks** overhead storage unit to frame to prevent accidental removal.

**On-module attachment brackets** are used to mount bins on panels of the same width as bins and are included with the bin as a standard component.

**Flat-front lift-up doors** (steel, laminate, or wood) recess into the overhead storage bin.

**Bin ships assembled.**

**Metal backstop** prevents notebooks and equipment from damaging panel surface.

**Locks** are standard on bins to secure the door(s). Lock is located underneath the center of the shelf. Locks are standard factory-installed, keyed random. Two-door units are keyed alike. A no-lock option is available.  
► *Lock and Keying*, page 360

**Recess** beneath unit can accommodate a shelf light.  
► Page 164

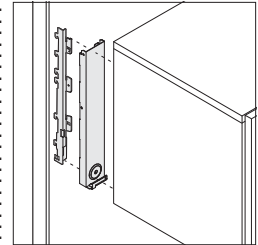
## Product Details

**On-module attachment brackets** are independent of the storage bins and unique to the panel system they are used on. The following style number suffixes indicate the panels they attach to:

**TAK** = Answer and Kick  
**AVR** = Avenir

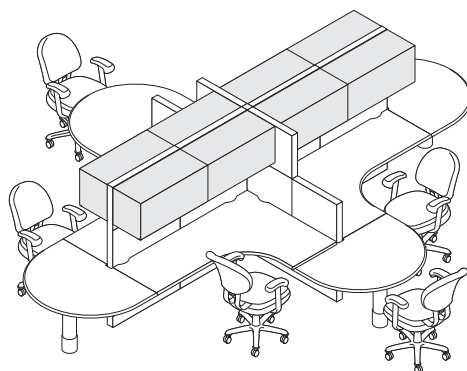
**MON** = Montage

If the storage bin needs to be attached to a different panel in the future, additional on-module attachment brackets can be purchased through Service Parts.



**Vertical off-module brackets**, optional, can be used to mount one or two sides of an overhead bin off-module on Answer, Kick, Avenir, and Montage with vertical slot patterned panels. To mount an overhead bin with one side off-module, specify with one vertical off-module bracket. To mount an overhead bin with two sides off-module, specify with two vertical off-module brackets. Both of these brackets attach to the on-module bracket that comes standard with the overhead bin.

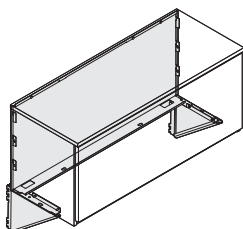
**Vertical off-module brackets** are used with bins up to 12" wider than the panel, allowing them to overhang the panel seam.



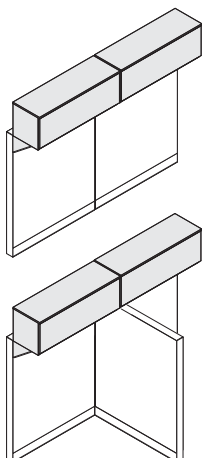
## Actual Dimensions

<b>Depth</b>	15 <sup>3</sup> / <sub>4</sub> "
<b>Width</b>	24", 30", 36", 42", 48", 60", 66", and 72"
<b>Height</b>	16 <sup>1</sup> / <sub>4</sub> "



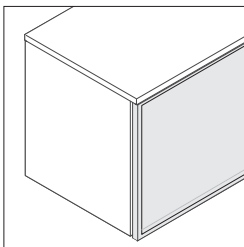


**Upmount brackets**, optional, are for use on Answer, Kick, Avenir, and Montage. Brackets attach the bin near the top of 53"H panel to enable overhead storage to be used on lower panel heights. Bins using an upmount bracket must be installed on a panel of the same width.



**Two upmount bin brackets** can be hung side-by-side in an in-line, T- or X- application. Universal in the case bins can be upmounted over or adjacent to a slatwall.

**Omit brackets option** must be specified when bin is being used in hutch kit or when attaching bin to a horizontal wall attachment bracket. Order hutch kit separately.



**Picture frame door**, optional, is available on Universal over the case and in the case bins with flat steel fronts only, and is an aluminum door frame with acrylic or glass inserts. An omit insert option is also available which allows custom material to be field installed in the aluminum door frame.

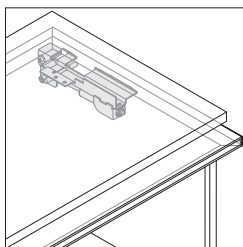
**The acrylic door insert** is a white acrylic. A door assist mechanism is not available as an option on a bin with an acrylic door insert due to the light weight door.

**The glass door insert** is tempered translucent glass. If a glass door insert option is specified and a door assist mechanism is also required, an assist mechanism must be specified as a separate option to the storage bin. Due to the weight of the glass door insert, it is recommended to specify the optional door assist mechanism.

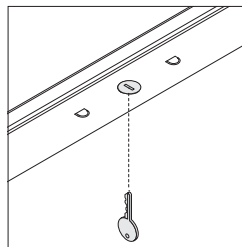
**The omit insert custom material** must be ordered from a material vendor. If an omit insert option is specified and a door assist mechanism is also required, an assist mechanism must be specified as a separate option to the storage bin.

The weight of a custom insert on a Universal in the case bin can not exceed 9½ pounds. An insert for a Universal in the case storage bin door with an assist mechanism must weigh within the range of 5½ pounds to 9½ pounds or the assist mechanism will not function correctly. Custom materials being installed in a door insert must comply with local building codes. Consult with local authorities to determine compliance requirements. The use of safety glass is required if installing custom glass in a door insert. To install customer provided material in a picture frame door with the insert omitted, make sure the material is cut precisely to the sizes listed on the dimensions matrix.

► See *Dimensions for Custom Field-Installed Picture Frame Door Inserts*, page 143

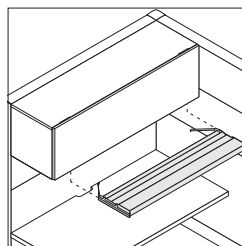


**Door-assist mechanism**, optional, consists of a gas cylinder and spring that provides an assisted open and close of the door. When opening the door, the spring pulls the door to the fully recessed position. When closing the door, the assist mechanism will slowly close the door. Universal in the case bins ship with one assist mechanism per door when specified.



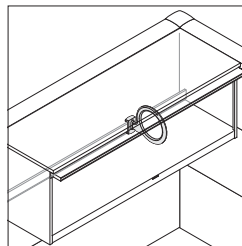
**Lock** in bin is concealed from view beneath the shelf. Locks are available factory- or field-installed. Factory-installed locks are standard and available keyed random only. Two-door units are keyed alike. Optional field-installed locks are available with consecutive, specific, and random keying options. Master-keyed locks are also available. Field-installed lock cylinders must be specified separately.

► *Lock and Keying*, page 360

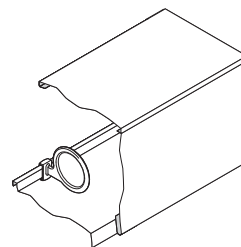


**Shelf lights** are available for use beneath bins. Lights recess into the bottom of the overhead storage unit.

► Page 164



**Dividers** are available as an option for use on bins. Dividers ship in a package of four.

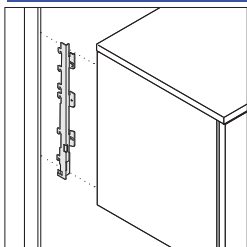


**Back of storage bin** is open to allow panel surface to show. Metal backstop prevents contents of bin from damaging panel surface.

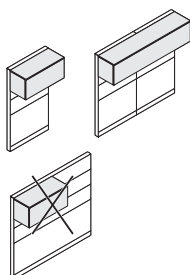
**Overhead storage bin height** accepts standard and A4 binders.

**When mounting on Answer or Kick panels**, top of bin cannot be loaded.

## Connections

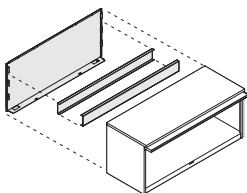


**Steel support hooks** on end supports insert into the slotted channel of a panel or wall channel and lock into place with a safety catch.

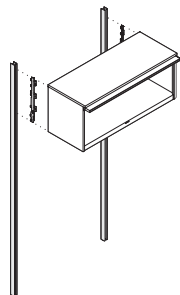


**Width of overhead bin** must match the width of the panel or panels that it is attached to when using an on-module bracket. Bin may span up to two frames.

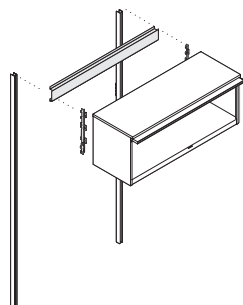
**Additional support** for stability may be required when overhead bins are attached to panels. Counterbalancing loads on opposite sides of the panels increases stability.



**Horizontal wall attachment brackets** are available to attach storage bins to wall of building. Specify as separate style number.  
*Tip: Select the omit brackets option when ordering the bin.*

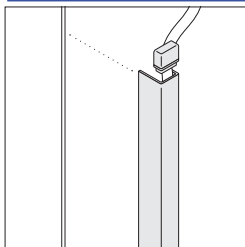


**Wall channels** are available to attach bins to concrete or block walls. Wall channels can be used to attach bins and tackboards to wood, dry wall, or plaster walls if the wall is reinforced.  
▶ Page 151



**Wall channel horizontal brace** is required with wall channels to support bins that are wider than 48".  
▶ Page 151

## Wiring & Cabling



**Vertical wire managers** are available to conceal cords that are routed from light mounted beneath overhead storage.  
▶ Page 172

## Surface Materials

### Overhead bin

- Paint
- Laminate door (optional)
- Wood door (optional)

### Locks

- 9201 Polished Chrome
- 9250 Ember Chrome (optional)

### On-module and vertical off-module attachment brackets

- Black paint only

### Horizontal off-module attachment brackets for Montage

- Paint to match bin

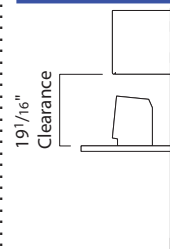
### Upmount brackets

- Paint

### Dividers

- White plastic

## Application Topics



**Clearance** between Avenir and Avenir curvilinear worksurfaces and bottom of overhead bins is 19 1/16" when storage unit is installed in the highest position on a 65"H panel and glides are adjusted all the way into the panel.

### Storage Capacities and Dimensions

▶ Page 157

### Bracket Application Rules

▶ Page 148

### Rules for Panel Stability with Components

▶ Page 61

## Dimensions for Custom Field-Installed Picture Frame Door Inserts

For Universal In the Case Bins		Custom Picture Frame Door Inserts		
Bin Width	Door Width	Height +/-0.02"	Width +/-0.02"	Thickness +/-0.02"
24"	24"	15.000"	23.164"	0.138"
25"	25"	15.000"	24.164"	0.138"
30"	30"	15.000"	29.164"	0.138"
35"	35"	15.000"	34.164"	0.138"
36"	36"	15.000"	35.164"	0.138"
42"	42"	15.000"	41.164"	0.138"
45"	45"	15.000"	44.164"	0.138"
48"	48"	15.000"	47.164"	0.138"
60"	30" (per door)	15.000"	29.164"	0.138"
66"	33" (per door)	15.000"	32.164"	0.138"
70"	35" (per door)	15.000"	34.164"	0.138"
72"	36" (per door)	15.000"	35.164"	0.138"
75"	37½" (per door)	15.000"	36.664"	0.138"

*Tip: A custom insert cannot be factory installed. Custom insert must be ordered from a material vendor and will not be handled like a Steelcase Customer's Own Material. In selecting materials for customer supplied inserts, consider material characteristics, such as effects from thermal changes, humidity changes, aging characteristics, and strength of material. Do not use materials that allow the overall size of the custom insert to deviate by amounts larger than the acceptable tolerances listed in the matrix.*

# Hutch Kits

**Hutch kits** allow one Universal sliding door, Universal over the case, or in the case bin to be mounted above a desk or credenza, to provide privacy and overhead storage. A hutch kit includes two end supports, a back panel for the bin, an accessory rail, a double-sided tackboard, one cable manager, and attachment hardware.  
► Specifying, page 312

**Bins** are sold separately. Any Universal sliding door, over the case, or in the case bin can be used. Select the omit brackets option when ordering the bin.

**Painted steel back panel** encloses the storage bin so the hutch does not need to be panel wrapped.

**End panels** support the storage bins and are attached to the worksurface with screws.

**Double-sided tackboard** can be ordered with matching or contrasting fabrics.

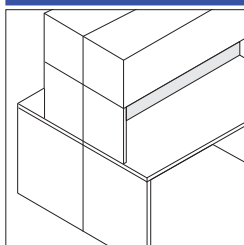
**Accessory rail** accepts the hutch kit receptacle, power and data strip, selected worktools, and the dividers that are an option to the storage bin.

**1½" gap below the accessory rail** allows plugs and cords to be routed between the rail and the worksurface. A painted metal access cover slides up and down to allow plugs to pass through without creating a large visible gap.

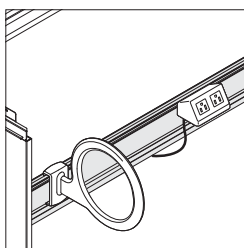
## Actual Dimensions

<b>Depth</b>	14 <sup>7</sup> / <sub>8</sub> "
<b>Width</b>	48", 60", 66", or 72"
<b>Height</b>	21 <sup>1</sup> / <sub>8</sub> "

## Product Details



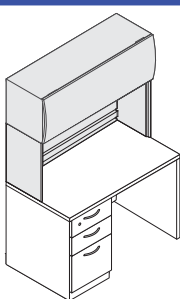
**Double-sided tackboards** are standard with hutch kits. They divide space, increase privacy, and provide a display surface.



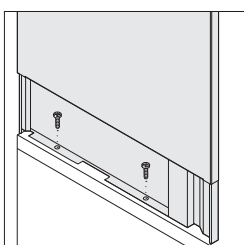
**Accessory rail** accepts the dividers that are available as an option to the storage bin and the hutch kit receptacle. The rail also accepts selected worktools. A  $1\frac{1}{2}$ " gap below the accessory rail allows plugs and cords to be routed between the rail and the worksurface. A painted metal access cover slides up and down to allow plugs to pass through without creating a large visible gap.

**Power receptacles and power and data strip** are available for field installation on the accessory rail, providing access to power at worksurface height.

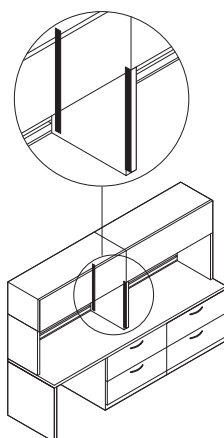
## Connections



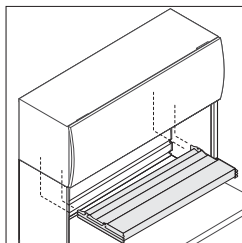
**Hutches** can be used on full-depth corner and extended corner work surfaces.



**Hutch end supports** attach to the worksurface using screws that are shipped with the hutch kit.

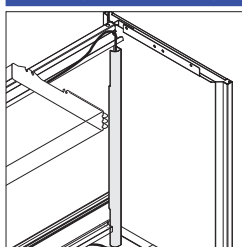


**Hutch connector bracket** is available to connect two or more hutch kits side by side.  
 ▶ See *Desk Stability Guidelines* in the *Answer Solutions Specification Guide*.



**Shelf lights** are available to recess into the bottom of storage bins.

## Wiring & Cabling



**Light cords** can be routed through a hutch vertical cable manager, and then through the gap between the accessory rail and the worksurface. One non-handed, painted steel vertical cable manager is shipped with each hutch kit. Additional cable managers ordered separately, are available.

## Surface Materials

**End supports, back panel, vertical cable manager, and accessory rail**

- Paint

**Tackboard**

- Vertical surface fabric

**Power receptacle**

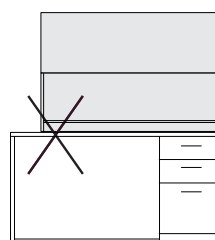
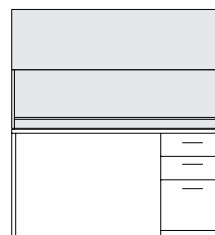
- Black plastic only

## Pricing

*Tip: To price a tackboard with fabrics in two different price groups on opposite sides, add the two prices together and divide by two.*

## Application Topics

**Clearance** between the worksurface and the bin is  $21\frac{1}{8}$ ".



**Hutch end panels** must be located immediately above a floor support that stabilizes the front and back edges of the worksurface, such as a pedestal, an end support, or a pair of legs.

## Steelcase Worktools

are available for use on accessory rail including letter tray, pencil cup, double square cup, shallow dish, office in a file, mini shelf, personal shelf, and slatshelves. For product information, see *Steelcase Worktools Specification Guide*.

## Shipping

**Hutch kits** are assembled in the field.

# Universal Shelves and Universal Personal Shelves

**Universal shelves**—supported by Answer, Kick, Avenir, and Montage—provide overhead storage in the work space.  
► Specifying, page 315

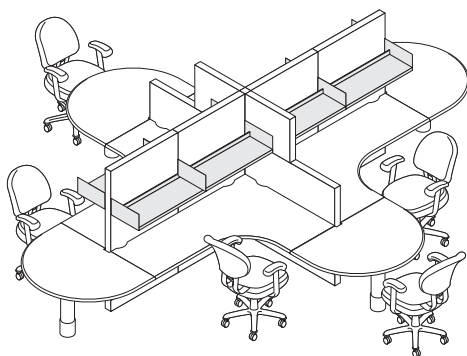
**Universal personal shelves** provide a wall-supported surface that attaches to Answer, Kick, and Avenir.  
► Specifying, page 316

**Metal backstop on Universal shelves** prevents notebooks and equipment from damaging panel surface. Universal personal shelves do not have a backstop.

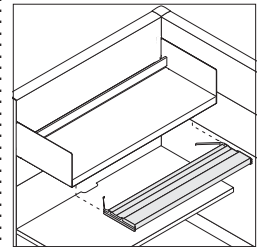
**On-module attachment hooks** are integral to the end supports and are used to mount shelves on panels of the same width as bins.

**Safety catch** locks shelf units to frame to prevent accidental removal.

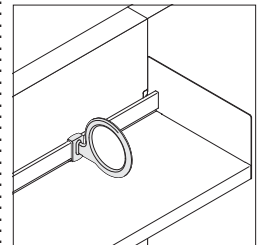
**Shelves** are steel and ship ready to assemble.



## Product Details



**Shelf lights** are available for use beneath shelves. Lights recess into the bottom of the overhead storage unit.  
► Page 164



**Dividers** are available field installed for use on Universal shelves. Dividers ship in a package of four. Dividers cannot attach to Universal personal shelves.

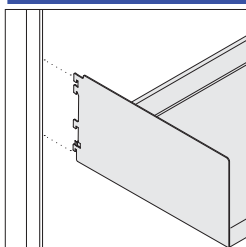
**A 1½" gap** exists between the personal shelf and the panel to allow for cable routing.

**The height dimension of the bracket** (from top of personal shelf to the bottom of the bracket) is 6½"H.

## Actual Dimensions

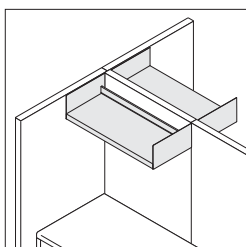
	Universal shelves	Universal personal shelves
<b>Depth</b>	14¾"	13⅛"
<b>Width</b>	24", 30", 36", 42", 48", 60", and 72"	24", 30", 36", 42", and 48"
<b>Height</b>	7½" (Kick, Answer, and Avenir)	1⅛" (thickness of shelf)

## Connections

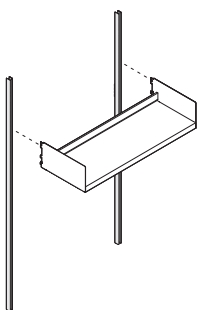


**Steel support hooks** on end supports insert into the slotted channel of a panel or wall channel and lock into place with a safety catch.

**On-module attachment hooks** cannot be attached to upmount brackets.

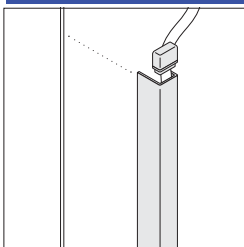


**Width of shelf** must match the width of the panel or panels that it is attached to with the on-module brackets. Shelves may span up to two frames.



**Wall channels** are available to attach shelves to concrete or block walls. Wall channels can be used to attach shelves to wood, dry wall, or plaster walls, if wall is reinforced.  
▶ Page 151

## Wiring & Cabling



**Vertical wire managers** conceal cords and cables that are routed vertically outside of the panels.  
▶ Page 172

## Surface Materials

**Shelf**  
• Paint

## Application Topics

**Storage Capacities and Dimensions**

▶ Page 157

**Bracket Application Rules**

▶ Page 148

**Rules for Panel Stability with Components**

▶ Page 61

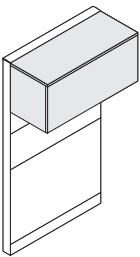
# Bracket Application Rules

For TS 200 Series Bins, Universal Sliding Door Bins, Universal Over the Case Bins, Universal In the Case Bins, and Universal Shelves

## Bracket Application Matrix

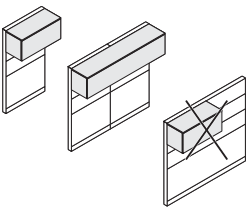
Panels	TS 200 Series Bins, Universal Bins, and Universal Shelves—On-Module	Universal Bins—Single Side Vertical Off-Module	Universal Bins—Two Sided Vertical Off-Module	Universal Bins—Horizontal Off-Module (for use with Montage only)	Universal Bins—Upmount
Answer	•	•	•		•
Kick	•	•	•		•
Avenir	•	•	•		•
Montage	•	•	•	•	•

### On-Module Brackets and Hooks



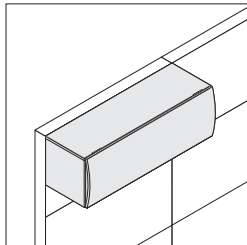
**On-module brackets and hooks** are used to mount overhead bins and Universal shelves to panels with vertical slot patterns. Answer, Kick, Avenir, and Montage panels can support on-module attachment brackets.

**Universal personal shelves** can attach on-module to all panels except Montage.



**Width of overhead storage unit** must match the width of the panel or panels that it is attached to. Storage bins or shelves may span up to two panels.

**Additional support** for stability may be required when shelves and overhead storage bins are attached to panels. Counterbalancing loads on the opposite sides of the panels increases stability.  
*Tip: See Stability Guidelines in each corresponding specification guide.*



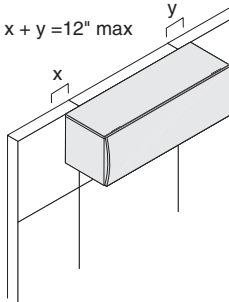
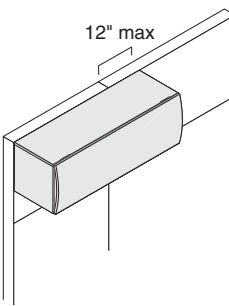
**On-module attachment brackets** install in panel seams.

**On-module brackets** can be used above and adjacent to slatwall on Answer and Montage panels.

**On-module brackets** can be used with a panel stacker on Answer, Kick, and Montage panels. Follow standard panel stacker guidelines for each panel.

**Off-module brackets** are used with bins up to 12" larger than the panel, allowing them to overhang the panel seam.

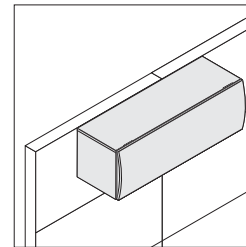
### Off-Module Brackets



**Vertical off-module brackets**, optional, can be used to mount one or two sides of the overhead bin off-module on Answer, Kick, Avenir, and Montage with vertical-slot-patterned panels. Both of these brackets attach to the on-module bracket that comes standard with the overhead bin. Vertical off-module brackets allow bins to be installed a maximum of 12" off-module. Vertical off-module brackets can be used with 30"W to 60"W Montage bins only.

**Vertical off-module brackets** can be used above and adjacent to slatwall on Answer and Montage panels.

**Vertical off-module brackets** can be used with a panel stacker on Answer, Kick, and Montage panels. Follow standard panel stacker guidelines for each panel.



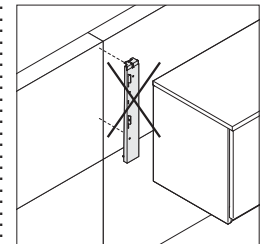
**Horizontal off-module brackets**, optional, accommodate off-module installations of overhead storage bins on panels with horizontal slot patterns. Enhanced off-module Montage frames can support horizontal off-module brackets. Horizontal off-module brackets can be used with 24"W to 48"W Montage bins only.

**Horizontal off-module brackets** can be used above and adjacent to slatwall on Montage panels.

**Horizontal off-module brackets** can be used with a panel stacker on Montage panels. Follow standard panel stacker guidelines for each panel.

**Enhanced off-module Montage frames** have horizontal slot patterns and must be specified for horizontal off-module Montage configurations.

**Horizontal off-module brackets** push bin out from panel  $\frac{5}{8}$ " on enhanced off-module Montage panels.

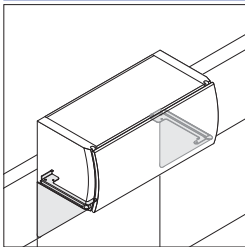


**Horizontal off-module brackets** cannot span a vertical or joint where two frames come together on enhanced off-module Montage panels. Shift the bin to avoid the joint.

**Only two pairs of off-module brackets** and associated storage can be mounted per frame.



Upmount Brackets



**Upmount brackets,** optional, can be used with Universal sliding door, Universal over the case, and Universal in the case bins. Brackets attach bins near the top of 54"H panels. TS 200 Series bins and Universal shelves cannot be attached to upmount brackets.

**Upmount bin width** must match the width of the panel or panels that it attaches to. Upmounted bins and shelves cannot be supported off-module.

Omit Brackets

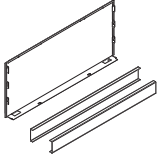
**Omit brackets option** must be specified when bin is used in hutch kit or when attaching bin to a horizontal wall attachment bracket. Order hutch kit separately.

**Hutch kit** supports bin at 66" height.

# Accessories

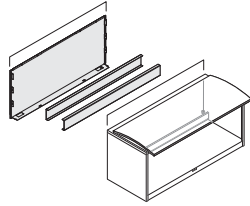
## Horizontal Wall Attachment Brackets

For Use with Universal Sliding Door, Universal Over the Case, and Universal In the Case Bins  
Introduced in March 2007

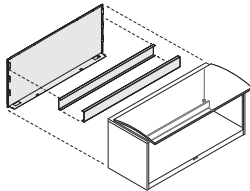


**Horizontal wall attachment brackets** can attach to wall of building to accept Universal Sliding Door, Universal Over the Case, and Universal In the Case storage bins. Brackets will not accept bins introduced prior to March 2007 or TS 200 Series bins.  
► Specifying, page 317  
*Tip: Specify as a separate style number.*

### Product Details



**Horizontal wall attachment brackets** must match the width of the storage bin.  
*Tip: Select the omit brackets option when ordering the bin.*

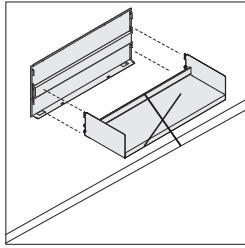


**Horizontal wall attachment brackets** include brackets and a steel back to enclose the storage bin.

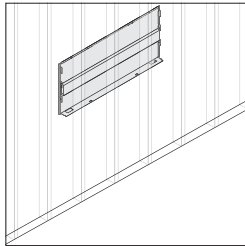
**Horizontal wall attachment brackets** can be positioned on wall at height needed.

### Connections

**Horizontal wall attachment brackets** can be used to attach Universal Sliding Door, Universal over the case, and Universal in the case bins to a building wall. TS 200 Series cannot attach to horizontal wall attachment brackets.



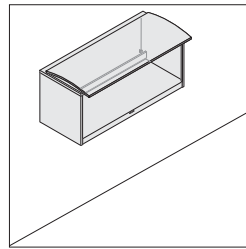
**Shelves** can not hang off horizontal wall attachment brackets.



**Mounting** of horizontal wall attachment brackets must include attachment to at least two wall studs, but it is recommended to attach to all studs in wall behind the storage bin. Storage bins that are 24"W or 25"W can only be mounted with horizontal wall attachment brackets if wall is constructed with 16" stud centers.

### Field install:

- Concrete walls with Hilti type anchors.
- Drywall or plywood with  $\frac{5}{8}$ " thick Toggler R-type  $\frac{3}{16}$ " wall anchors with countersunk flat head screw.
- Wood studs with #10 wood screws of appropriate length with countersunk flat head screw.
- Steel studs with #10 sheet metal screws of appropriate length with countersunk flat head screw.



**Limit** of one bin for each horizontal wall attachment bracket.

**Attaching worksurfaces** to horizontal wall attachment brackets is not possible.

**Horizontal wall attachment brackets** allow overhead storage bin to fit flush to wall.

### Actual Dimensions

**Width** 24", 30", 36", 42", 48", 60", and 72".

### Surface Materials

**Brackets and steel back**  
• Paint

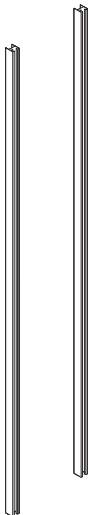
# Accessories

## Wall Channels

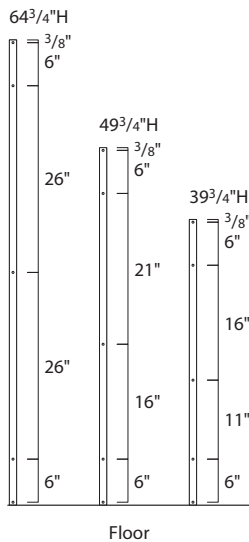
For Use with Overhead Storage

**Slotted steel channel** accepts shelves, overhead storage bins, worksurfaces, or tackboards. Channel will accept all Universal bins and shelves, TS 200 Series bins, and bins and shelves introduced prior to March 2007.

► Specifying, page 317



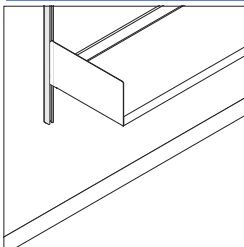
### Screw hole positions



### Actual Dimensions

<b>Depth</b>	1 1/8"
<b>Width</b>	15 1/16"
<b>Height</b>	39 3/4", 49 3/4", or 64 3/4"

### Product Details



**Wall channel** can be positioned on wall at varying heights.

**Order** wall channel height according to its intended use. Cutting wall channels is not recommended.

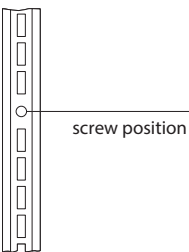
### Connections

**Wall channels** can be used to support shelves, storage bins, worksurfaces, and tackboards.

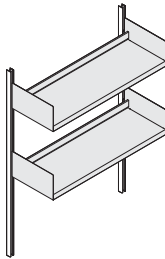
#### Field install on:

- Concrete walls: Hilti type anchors
- Drywall or plywood: 5/8" thick Toggler type 3/16" wall anchor
- Steel and wood studs: #10 sheet metal or wood screws of appropriate length

Anchors must be used on each screw hole location of the wall channel.

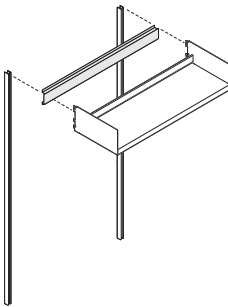


**Components attach** at 1" increments, but screws block some slot locations.



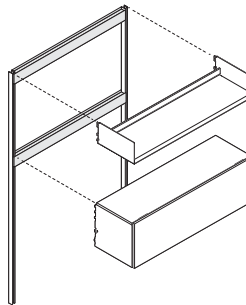
**Component limits for each pair of wall channels** are as follows:

- Two bins or shelves
- One worksurface and two shelves
- One worksurface and one bin



**Horizontal brace** is available to reinforce vertical wall channels that support storage bins, shelves, or worksurfaces that are attached to walls. Bins and shelves that are 48"W or less do not require a horizontal brace. All worksurfaces require horizontal braces.

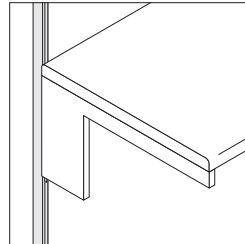
► Page 318



**Wall channel horizontal brace** is required for each storage bin or shelf that is wider than 48". The brace should be positioned at the top location of each bin or shelf on the vertical wall channel.

**Width of horizontal brace** must match width of shelf of storage bin.

**Wall channel horizontal brace** is also available in 42" and 48" widths and can be used in applications where there is concern regarding the strength of the wall. These braces must also be used with wall-mounted worksurfaces.



**Worksurfaces** may be attached to wall channels with L-shaped cantilevers, subject to the following application guidelines:

- All worksurfaces must be 24"D or less
- Worksurfaces must be supported by an L-shaped cantilever or legs every 42 or 48 inches. Cantilevers can be shared when worksurfaces are adjacent.
- Wall channel horizontal braces must be installed directly behind all wall-mounted worksurfaces, and also at the top of the wall channels.
- Triangular cantilevers and Avenir universal cantilevers may not be used.
- Worksurface-supported pedestals cannot be hung from a wall-mounted worksurface.

### Surface Materials

#### Wall channel

- Paint

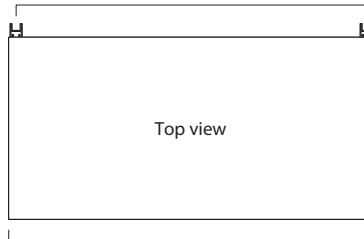
#### Wall channel horizontal brace

- Paint

*Tip: Horizontal brace will be visible until hidden by contents of shelf or storage bin.*

### Application Topics

B = Distance between center lines of reinforced wall channels



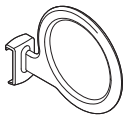
A = Width of storage component

A	B	A	B
23 3/4"	22 15/16"	41 3/4"	40 15/16"
29 3/4"	28 15/16"	47 3/4"	46 15/16"
35 3/4"	34 15/16"		

# Accessories

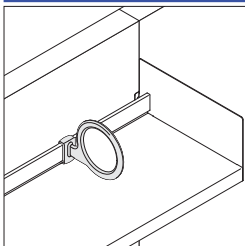
For Overhead Bins and Shelves

## Dividers



► Specifying, page 318

### Product Details



**Divides** space in panel-supported bins and Universal shelves. Dividers will not work in bins and shelves introduced prior to March 2007.

**Divider** can be used on hutch kit.

### Specifying

**A carton of four dividers** is available as an option on overhead bins and Universal shelves.

### Surface Materials

#### Divider

- White plastic only

### Actual Dimensions

<b>Depth</b>	7½"
<b>Width</b>	¼" 1½" at the back
<b>Height</b>	6½"

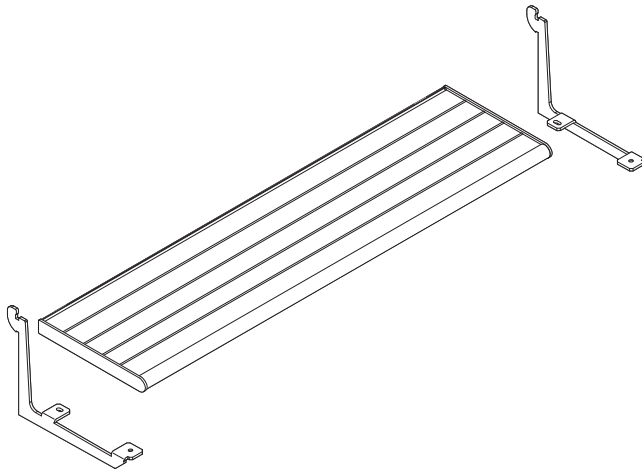
# Slim Shelves

Slim Shelves

**Slim shelves** provide a panel-supported surface that attaches to Answer, Kick, Avenir, and Montage with panel-specific brackets.

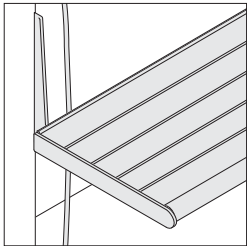
► Specifying, page 320

**Slim shelf** is an extruded aluminum shelf that provides storage for small items.

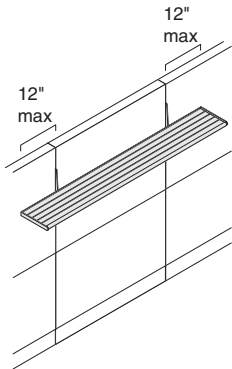


## Product Details

**Slim shelves** attach to Answer, Kick, Avenir, and Montage with panel-specific brackets.



**Gap at back of slim shelf** allows routing of shelf light cord.



**Slim shelves** can be mounted off-module. No more than 12" overhang on either side of panel is recommended. Brackets attach on vertical seams of panel, while the shelf adjusts off-module on the brackets.

**Two attachment brackets** are included with shelves less than or equal to 48"W. Two attachment brackets and a mid-span support are included with shelves wider than 48"W.

## Surface Materials

### Slim shelves

- Paint

### Attachment brackets

- Painted to match shelf

## Actual Dimensions

### Slim Shelves

**Depth** 6<sup>3</sup>/<sub>8</sub>"

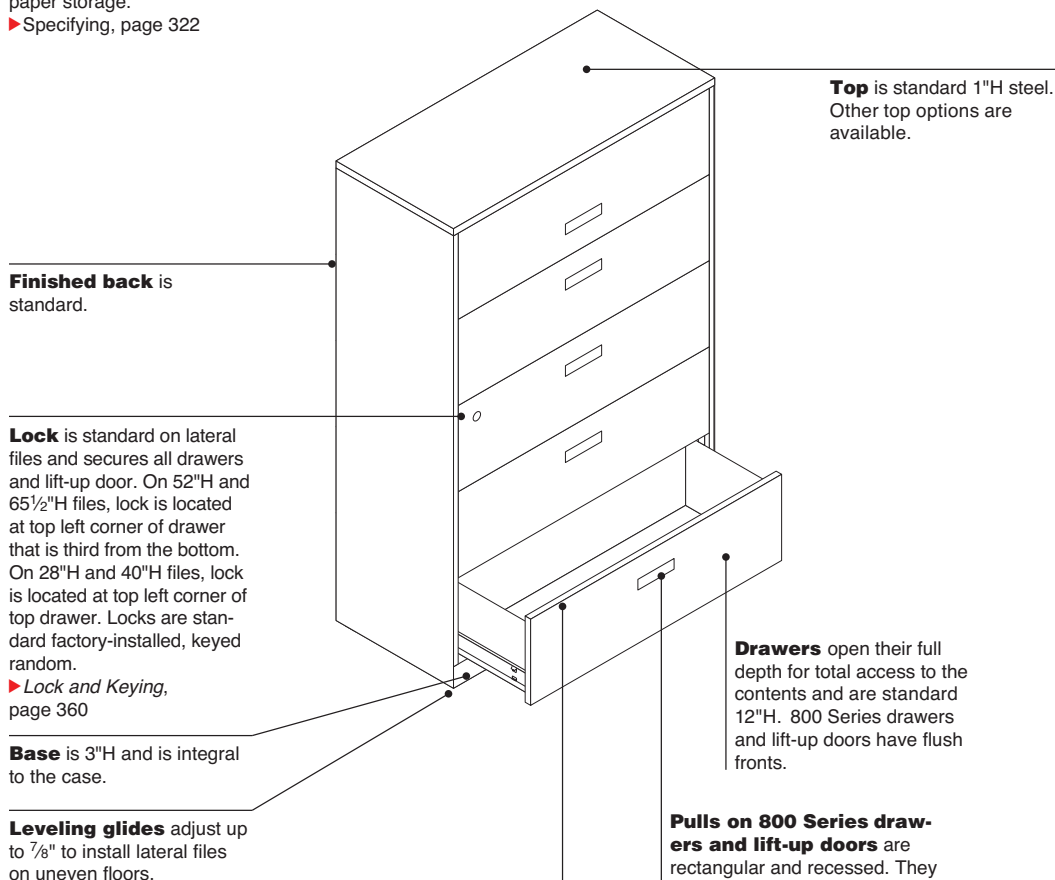
**Width** 24", 30", 36", 42", 48", 60", 72", 96"

# 800 Series Lateral Files

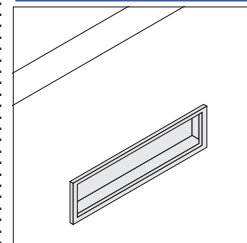
## 800 Series lateral files

are ideal for high-density paper storage.

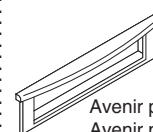
► Specifying, page 322



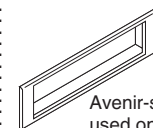
## Product Details



**800 Series pull** is rectangular and recessed.



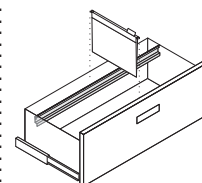
Avenir pull used on Avenir products



Avenir-style pull used on 800 Series products

**Avenir-style pulls** are available on 800 Series to complement Avenir systems furniture.

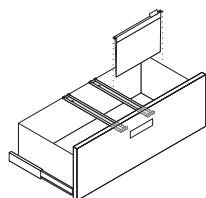
*Tip: The Avenir-style pull is not identical to the actual Avenir pull. It is flush and does not have the radius lip on the top edge of the pull, so it will allow the lift-up door to recede into the file.*



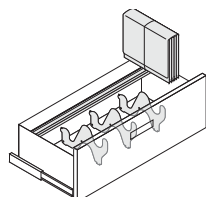
**Drawer interiors** include one hanging folder bar per drawer, which accommodates side-to-side filing of letter-, A4 international-, and legal-size hanging folders. Alternative interiors are available as options; your specification will apply to all the drawers within a single lateral file. Additional bars are available and must be specified separately.

## Actual Dimensions

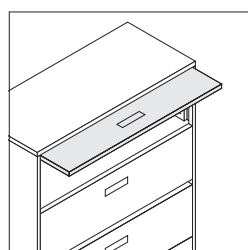
<b>Depth</b>	18"
<b>Width</b>	30", 36", and 42"
<b>Height</b>	28", 40", 52", and 65½"



**Rails** accommodate front-to-back filing of letter-, A4 international-, and legal-size hanging folders. Rail packages accommodate two rows of letter-size files in 30"W and 36"W drawers and three rows of letter-size files in 42"W drawers. See *Storage Capacities* for additional details. Additional rails are available and must be specified separately.

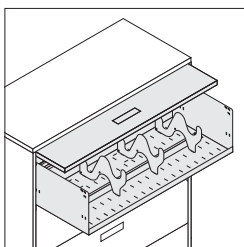


**Dividers** accommodate side-to-side filing of expandable folders and other objects. Divider packages include three dividers and one hanging folder bar per drawer. Additional dividers are available and must be specified separately.



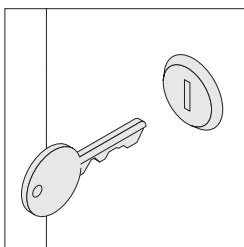
**Lift-up door with fixed shelf** is standard in the top position of 65½"H cases. Door is 13½"H to accommodate standard-height binders. Door recesses inside the case.

**Lift-up door** is available with an optional roll-out shelf in place of the standard fixed shelf.



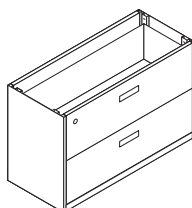
**Roll-out shelf** includes three dividers and one hanging file folder bar to function as a backstop.

**Safety interlock system** allows only one drawer or roll-out shelf to be opened at a time.

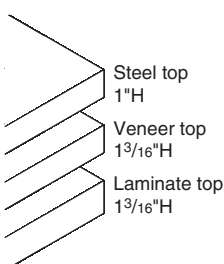


**Locks** are available factory- or field-installed. Factory-installed locks are standard and available keyed random only. Optional field-installed locks are available with consecutive, specific, and random keying options. Master-keyed locks are also available. Field-installed lock cylinders must be specified separately. ► *Lock and Keying*, page 360

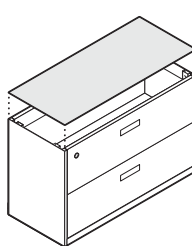
**Individual drawer locks** are available as an option for applications where you want to limit access to each drawer. Lateral files include a security shield above each drawer to prevent unauthorized access. In 65½"H cases, the lock in the drawer below controls the lift-up door in the top position. Individual locking drawers are only available with field-installed locks. Consecutive, specific, and random keying options are available. Field-installed lock cylinders must be specified separately. ► *Lock and Keying*, page 360



**No-top lateral files** are available for installations where cases will be installed under a worksurface or beneath a common top shared among several lateral files. Hardware is included to attach case to worksurface. No-top option reduces height of file by 1".



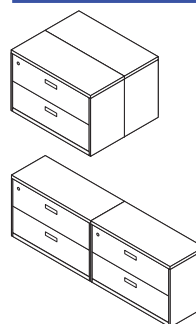
**Laminate and wood veneer tops** with square-edge profiles are available in place of standard 1"H steel tops. Laminate and wood veneer tops are ¾" taller than steel tops and will add that dimension to the overall height of the lateral file.



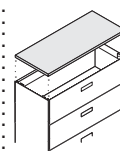
**Security top** is available as an option for installations where the file will be installed beneath a worksurface, but not physically attached. Thin steel top prevents unauthorized access to the contents of the cabinet. Security top is not structural and can be specified on 28"H files only. Security top reduces overall height of file to approximately 27"H.

**Counterweight packages** must be specified as an option for lateral files that are not ganged to another case, attached to a worksurface, or bolted to the floor or wall. Counterweights can also be ordered separately. ► Page 324

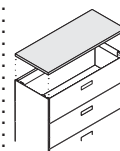
## Connections



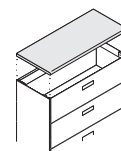
**Ganging hardware** is included to increase stability and maintain alignment by joining adjacent components side by side, back to back, or both. Lateral files can also be bolted to the floor, or attached to a worksurface or wall for stability.



Wood veneer with square edge profile

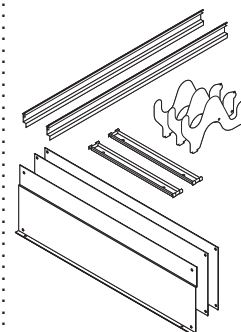


Laminate with square edge profile



Laminate with bullnose profile

**Field-installed tops** are available in three choices—wood veneer with square edge profile, laminate with square edge profile, and laminate with bullnose edge profile on the front edge or on the front and back edge. Tops can be used on an individual lateral file, or larger tops can be used to connect files to make a credenza.



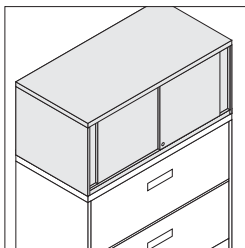
**Field-installed accessories** are available, including drawer accessories and counterweight packages. ► Page 157

**Anchor bracket** secures file to floor in compliance with the California Office of Statewide Health Planning and Development (OSHPD) rules to reduce the risk of hazards during earthquakes. To comply, all files which have the bottom of their top opening at 60"H or higher must use an anchor bracket.

**Note: Local seismic requirements vary.**

*Compliance with local code requirements is the responsibility of the customer or their authorized agent.*

► Page 222



**Overfile cabinets** are separate components that are field installed on top of lateral files, combination cabinets, storage cabinets, and wardrobe cabinets to provide space for additional files, ring binders, or miscellaneous storage.

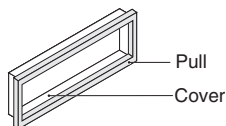
### Surface Materials

**Lateral file, including steel top, drawer fronts, lift-up door, fixed shelf, and integral pulls**

- Paint

#### 800 Series pull

- 9201 Polished Chrome
- Paint (option)



#### Door/drawer pull

paint color can match or complement the cabinet color, while the pull cover always matches the cabinet color.

#### Avenir-style pull

- Paint

#### Wood veneer top

- Wood veneer—
- Open pore finishes
- Customiz stain (option)

#### Laminate top

- Laminate
- Open Line laminate (option)

#### Lock

- 9201 Polished Chrome
- 9250 Ember Chrome (option)

**Drawer bodies, roll-out shelves, hanging folder bars, rails, and dividers**

- Black

### Application Topics

**Storage Capacities and Dimensions**

► Page 157

### Shipping

**Lateral files** are normally shipped in heavy-duty, recyclable stretch wrap to reduce the amount of corrugated board needed.

**Counterweight packages** ship separately from case and must be field-installed.



## Pedestals with Avenir and 200 Series Pulls



Fixed



Worksurface-supported



Mobile

*Tip: Drawer capacities for mobile pedestals are the same as the 24"D pedestal drawer capacities.*

### Box Drawers, 15"W x 6"H



24"D Pedestal (nominal)

### Inside Dimensions

18<sup>23</sup>/<sub>32</sub>" 12<sup>3</sup>/<sub>4</sub>" 4<sup>7</sup>/<sub>32</sub>"

30"D Pedestal (nominal)

24<sup>23</sup>/<sub>32</sub>" 12<sup>3</sup>/<sub>4</sub>" 4<sup>7</sup>/<sub>32</sub>"

### File Drawers, 15"W x 12"H



#### Size

24"D Pedestal (nominal)

#### Inside Dimensions

18<sup>1</sup>/<sub>4</sub>" 12<sup>1</sup>/<sub>16</sub>" 9<sup>3</sup>/<sub>8</sub>"

#### Letter-Size Storage

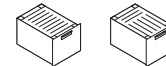
18<sup>1</sup>/<sub>4</sub>" 12<sup>1</sup>/<sub>8</sub>" + 5<sup>1</sup>/<sub>4</sub>"

#### Legal-Size Storage

12<sup>1</sup>/<sub>16</sub>"

#### Letter- and Legal-Size Storage

2<sup>1</sup>/<sub>4</sub>" letter and 12<sup>1</sup>/<sub>16</sub>" legal



30"D Pedestal (nominal)

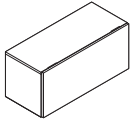
24<sup>1</sup>/<sub>4</sub>" 12<sup>1</sup>/<sub>16</sub>" 9<sup>3</sup>/<sub>8</sub>"

24<sup>1</sup>/<sub>2</sub>" 12<sup>1</sup>/<sub>8</sub>" + 11<sup>1</sup>/<sub>2</sub>"



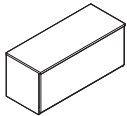
## Overhead Bins and Shelves

### Universal Over the Case Bins



Size	Inside Dimensions		
	D	W	H
24"W bin	13 <sup>3</sup> / <sub>8</sub> "	23 <sup>13</sup> / <sub>16</sub> "	13 <sup>1</sup> / <sub>16</sub> "
25"W bin	13 <sup>3</sup> / <sub>8</sub> "	24 <sup>13</sup> / <sub>16</sub> "	13 <sup>1</sup> / <sub>16</sub> "
30"W bin	13 <sup>3</sup> / <sub>8</sub> "	29 <sup>13</sup> / <sub>16</sub> "	13 <sup>1</sup> / <sub>16</sub> "
35"W bin	13 <sup>3</sup> / <sub>8</sub> "	34 <sup>13</sup> / <sub>16</sub> "	13 <sup>1</sup> / <sub>16</sub> "
36"W bin	13 <sup>3</sup> / <sub>8</sub> "	35 <sup>13</sup> / <sub>16</sub> "	13 <sup>1</sup> / <sub>16</sub> "
42"W bin	13 <sup>3</sup> / <sub>8</sub> "	41 <sup>13</sup> / <sub>16</sub> "	13 <sup>1</sup> / <sub>16</sub> "
45"W bin	13 <sup>3</sup> / <sub>8</sub> "	44 <sup>13</sup> / <sub>16</sub> "	13 <sup>1</sup> / <sub>16</sub> "
48"W bin	13 <sup>3</sup> / <sub>8</sub> "	47 <sup>13</sup> / <sub>16</sub> "	13 <sup>1</sup> / <sub>16</sub> "
60"W bin	13 <sup>3</sup> / <sub>8</sub> "	59 <sup>13</sup> / <sub>16</sub> "	13 <sup>1</sup> / <sub>16</sub> "
70"W bin	13 <sup>3</sup> / <sub>8</sub> "	69 <sup>13</sup> / <sub>16</sub> "	13 <sup>1</sup> / <sub>16</sub> "
72"W bin	13 <sup>3</sup> / <sub>8</sub> "	71 <sup>13</sup> / <sub>16</sub> "	13 <sup>1</sup> / <sub>16</sub> "

### Universal In The Case Bins and Universal Sliding Door Bins



Size	Inside Dimensions		
	D	W	H
24"W bin	13 <sup>3</sup> / <sub>8</sub> "	23 <sup>13</sup> / <sub>16</sub> "	12 <sup>1</sup> / <sub>4</sub> "
25"W bin	13 <sup>3</sup> / <sub>8</sub> "	24 <sup>13</sup> / <sub>16</sub> "	12 <sup>1</sup> / <sub>4</sub> "
30"W bin	13 <sup>3</sup> / <sub>8</sub> "	29 <sup>13</sup> / <sub>16</sub> "	12 <sup>1</sup> / <sub>4</sub> "
35"W bin	13 <sup>3</sup> / <sub>8</sub> "	34 <sup>13</sup> / <sub>16</sub> "	12 <sup>1</sup> / <sub>4</sub> "
36"W bin	13 <sup>3</sup> / <sub>8</sub> "	35 <sup>13</sup> / <sub>16</sub> "	12 <sup>1</sup> / <sub>4</sub> "
42"W bin	13 <sup>3</sup> / <sub>8</sub> "	41 <sup>13</sup> / <sub>16</sub> "	12 <sup>1</sup> / <sub>4</sub> "
45"W bin	13 <sup>3</sup> / <sub>8</sub> "	44 <sup>13</sup> / <sub>16</sub> "	12 <sup>1</sup> / <sub>4</sub> "
48"W bin	13 <sup>3</sup> / <sub>8</sub> "	47 <sup>13</sup> / <sub>16</sub> "	12 <sup>1</sup> / <sub>4</sub> "
60"W bin	13 <sup>3</sup> / <sub>8</sub> "	59 <sup>13</sup> / <sub>16</sub> "	12 <sup>1</sup> / <sub>4</sub> "
70"W bin	13 <sup>3</sup> / <sub>8</sub> "	69 <sup>13</sup> / <sub>16</sub> "	12 <sup>1</sup> / <sub>4</sub> "
72"W bin	13 <sup>3</sup> / <sub>8</sub> "	71 <sup>13</sup> / <sub>16</sub> "	12 <sup>1</sup> / <sub>4</sub> "

Universal sliding door bin width dimensions is reduced by <sup>3</sup>/<sub>4</sub>" due to center divider.

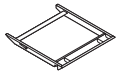
### Universal Shelves For Avenir



Size	Inside Dimensions		
	D	W	H
24"W shelf	13 <sup>3</sup> / <sub>8</sub> "	23 <sup>13</sup> / <sub>16</sub> "	5 <sup>1</sup> / <sub>2</sub> "
25"W shelf	13 <sup>3</sup> / <sub>8</sub> "	24 <sup>13</sup> / <sub>16</sub> "	5 <sup>1</sup> / <sub>2</sub> "
30"W shelf	13 <sup>3</sup> / <sub>8</sub> "	29 <sup>13</sup> / <sub>16</sub> "	5 <sup>1</sup> / <sub>2</sub> "
35"W shelf	13 <sup>3</sup> / <sub>8</sub> "	34 <sup>13</sup> / <sub>16</sub> "	5 <sup>1</sup> / <sub>2</sub> "
36"W shelf	13 <sup>3</sup> / <sub>8</sub> "	35 <sup>13</sup> / <sub>16</sub> "	5 <sup>1</sup> / <sub>2</sub> "
42"W shelf	13 <sup>3</sup> / <sub>8</sub> "	41 <sup>13</sup> / <sub>16</sub> "	5 <sup>1</sup> / <sub>2</sub> "
45"W shelf	13 <sup>3</sup> / <sub>8</sub> "	44 <sup>13</sup> / <sub>16</sub> "	5 <sup>1</sup> / <sub>2</sub> "
48"W shelf	13 <sup>3</sup> / <sub>8</sub> "	47 <sup>13</sup> / <sub>16</sub> "	5 <sup>1</sup> / <sub>2</sub> "
60"W shelf	13 <sup>3</sup> / <sub>8</sub> "	59 <sup>13</sup> / <sub>16</sub> "	5 <sup>1</sup> / <sub>2</sub> "
70"W shelf	13 <sup>3</sup> / <sub>8</sub> "	69 <sup>13</sup> / <sub>16</sub> "	5 <sup>1</sup> / <sub>2</sub> "
72"W shelf	13 <sup>3</sup> / <sub>8</sub> "	71 <sup>13</sup> / <sub>16</sub> "	5 <sup>1</sup> / <sub>2</sub> "

## Drawers

### Steel Center Drawers



#### Size

18 $\frac{1}{8}$ "D Drawer

23"D Drawer

#### Inside Dimensions

**D**

**W**

**H**

14 $\frac{1}{2}$ "

19 $\frac{1}{2}$ "

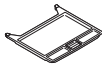
2"

19 $\frac{1}{2}$ "

19 $\frac{1}{2}$ "

2"

### Plastic Center Drawer



#### Inside Dimensions

**D**

**W**

**H**

12"

19"

1 $\frac{3}{8}$ "

*Tip: Inside depth does not include pencil tray. Depth is 14 $\frac{7}{8}$ " when pencil tray is included in dimensions.*



# Understanding Lighting

	
<b>Statement of Line and Comparison</b>	<b>162</b>

	
<b>Product Details</b>	
Shelf Lights	<b>164</b>
LED Shelf Lights	<b>166</b>
LED Linear Shelf Lights	<b>168</b>
<b>Application Topics</b>	
Daisy Chaining	<b>171</b>
<b>Related Products</b>	
Vertical Wire Managers	<b>172</b>

**Underwriters Laboratory (UL) and Canadian Standards Association (CSA) listed.** These lights have been designed to meet all U.S. and Canadian national electrical and energy codes and most local building codes. Local electrical codes vary, so you should consult a qualified electrical contractor or engineer for proper installation of all electrical equipment.

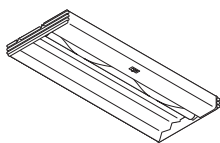
# Statement of Line and Comparison

**Shelf lights** mount into the recessed bottom of storage shelves and bins to illuminate the worksurface. Five types of shelf lights are available to control the quality of light for specific applications. Each type is compatible with Steelcase systems furniture.

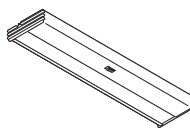
## Shelf Lights

### Storage-Mounted Lights

#### Standard Shelf Light



#### Utility2 Shelf Light



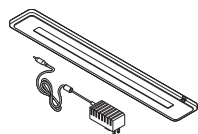
<b>Mounting Options</b>	<ul style="list-style-type: none"> <li>• Universal mounting package (standard)</li> <li>• Flush mount</li> <li>• Competitive mounting package</li> </ul>	<ul style="list-style-type: none"> <li>• Universal and flush mounting package (standard)</li> </ul>
	<ul style="list-style-type: none"> <li>▶ Understanding Page 164</li> <li>▶ Specifying Page 326</li> </ul>	<ul style="list-style-type: none"> <li>▶ Understanding Page 164</li> <li>▶ Specifying Page 328</li> </ul>
<b>Depth</b>	9¼"	6⅞"
<b>Width</b>	25", 37", or 49"	25", 37", or 49"
<b>Lamp</b>	<ul style="list-style-type: none"> <li>• T8 Fluorescent</li> </ul>	<ul style="list-style-type: none"> <li>• T8 Fluorescent</li> </ul>
<b>Watts/Lumens/Efficacy</b>	25"W – 17 Watts/ 1343 Lumens/ 79 Efficacy 37"W – 25 Watts/ 2150 Lumens/ 86 Efficacy 49"W – 32 Watts/ 2899 Lumens/ 90.6 Efficacy	25"W – 17 Watts/ 1343 Lumens/ 79 Efficacy 37"W – 25 Watts/ 2150 Lumens/ 86 Efficacy 49"W – 32 Watts/ 2899 Lumens/ 90.6 Efficacy
<b>Color Temperature</b>	3500K	3500K
<b>Description</b>	The right choice for the majority of people in today's workplace who switch frequently from task to task throughout the day.	Designed for use in display areas, service centers, under transaction tops, and other applications where glare control is not a primary consideration.
<b>Optics</b>	Faceted, white reflector  Contrast sleeve that can be manually rotated to vary light	Silver reflector  Prismatic lens—flat acrylic diffuser intensity
<b>Ballasts</b>	<ul style="list-style-type: none"> <li>• Electronic ballast</li> <li>• High power factor ballast</li> </ul>	<ul style="list-style-type: none"> <li>• Electronic ballast</li> <li>• High power factor ballast</li> <li>• Normal-power-factor ballast</li> </ul>
<b>Electronic Dimmer</b>	<ul style="list-style-type: none"> <li>• Not available</li> </ul>	<ul style="list-style-type: none"> <li>• Not available</li> </ul>
<b>Lens Options</b>	<ul style="list-style-type: none"> <li>• None</li> </ul>	<ul style="list-style-type: none"> <li>• Batwing lens option</li> </ul>
<b>Average Rated Lamp Life</b>	<ul style="list-style-type: none"> <li>• 20,000 hours</li> </ul>	<ul style="list-style-type: none"> <li>• 20,000 hours</li> </ul>
<b>Warranty</b>	<ul style="list-style-type: none"> <li>• Ballast - 5 years</li> <li>• Fixture - 12 years</li> </ul>	<ul style="list-style-type: none"> <li>• Ballast - 5 years</li> <li>• Fixture - 12 years</li> </ul>

**Shelf lights** offer end users added control and adjustability to place the proper amount of shelf lighting to create a holistic work setting. Ideally suited for recessed mount applications to bottom of bin or shelf.

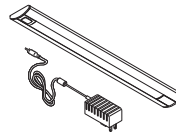
## LED Shelf Light

### Storage-Mounted Lights

#### LED Shelf Light



#### LED Linear Shelf Lights

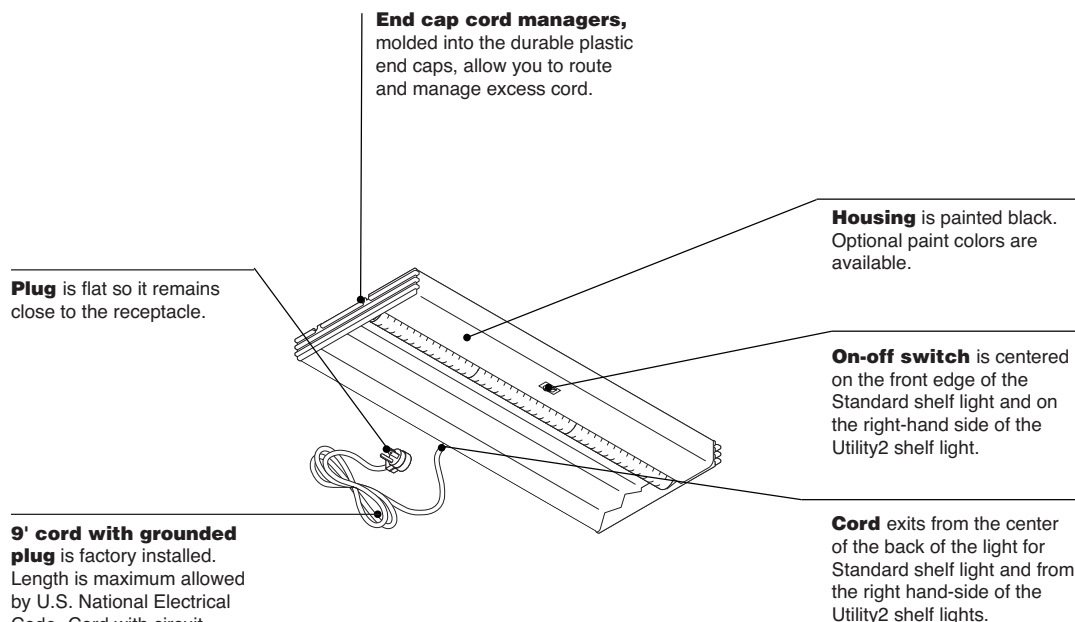


Mounting	<ul style="list-style-type: none"><li>Standard includes magnetic mount for steel bins and shelves. Optional fastener kit for wood shelves are available.</li></ul>	<ul style="list-style-type: none"><li>Standard includes magnetic mount for steel bins and shelves. Each light length comes with set quantity of mounting brackets for both steel and wood applications.</li></ul>				
	<ul style="list-style-type: none"><li>Understanding<ul style="list-style-type: none"><li>▶ Page 166</li></ul></li><li>Specifying<ul style="list-style-type: none"><li>▶ Page 330</li></ul></li></ul>	<ul style="list-style-type: none"><li>Understanding<ul style="list-style-type: none"><li>▶ Page 168</li></ul></li><li>Specifying<ul style="list-style-type: none"><li>▶ Page 332</li></ul></li></ul>				
Depth	2½"	2"				
Width	18"	17", 31", 44", or 58"				
Number of LEDs	102 LEDs	17"W 24 47	31"W 48 94	44"W 72 141	58"W 96 188	Standard Output LEDs High Output LEDs
Watts/Lumens/Efficacy	9.6 Watts/ 522 Lumens/ 54 Efficacy	17"W 7.8 444 57	31"W 17.6 980 55.6	44"W 25.9 1412 54.5	58"W 33.6 1791 53.3	Standard Output Watts Lumens Efficacy
		17"W 10.9 744 68	31"W 23.4 1590 68	44"W 34.3 2290 67	58"W 43.5 2807 64.5	High Output Watts Lumens Efficacy
Color Rendering Index	94	84				
Color Temperature	3500K	3500K				
Description	The most environmentally-friendly light in the portfolio. Consumes only 11 watts of power, contains no harmful metals (mercury), and has a useful life of over 50,000 hours. Ideally suited for recessed mount applications to bottom of bin or shelf.	With its low profile and available four widths, the LED linear light will fit in a variety of shelving and overhead storage applications. Beneficial features of this fixture include: energy efficient LEDs, continous dimming, automatic turn off after 10 hours, and optional occupancy sensor.				
Finish Options	<ul style="list-style-type: none"><li>Bottom surface clear anodized aluminum only. Plastic cover Arctic White (6009) or Black (6000).</li></ul>	<ul style="list-style-type: none"><li>4231 Arctic White body with Arctic White (6009) end caps or 0835 Black body with Black (6000) end caps.</li></ul>				
Optics	<ul style="list-style-type: none"><li>Polycarbonate matte film</li></ul>	<ul style="list-style-type: none"><li>Polycarbonate matte film</li></ul>				
Ballasts	<ul style="list-style-type: none"><li>Energy saving low-voltage power supply</li></ul>	<ul style="list-style-type: none"><li>Energy saving low-voltage power supply</li></ul>				
Electronic Dimmer	<ul style="list-style-type: none"><li>Standard on all lights</li></ul>	<ul style="list-style-type: none"><li>Standard on all lights</li></ul>				
Average Rated Lamp Life	<ul style="list-style-type: none"><li>50,000 hrs.</li></ul>	<ul style="list-style-type: none"><li>50,000 hrs.</li></ul>				
Warranty	<ul style="list-style-type: none"><li>Power supply - 5 years</li><li>Fixture - 12 years</li></ul>	<ul style="list-style-type: none"><li>Power supply - 5 years</li><li>Fixture - 12 years</li></ul>				

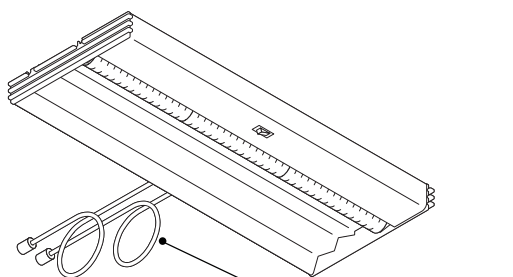
# Shelf Lights

## Standard and Utility2

► Specifying, pages 326 and 328

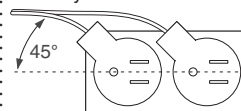


**9' cord with grounded plug** is factory installed. Length is maximum allowed by U.S. National Electrical Code. Cord with circuit breaker is available to meet the requirements of the Chicago code.



### Product Details

**Shelf light** includes the lamp, ballast, and either a 9' cord with three-prong plug or daisy-chain cords.

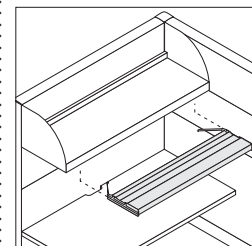


**Plug configuration** allows two Standard shelf lights to engage adjacent outlets in one receptacle.

**Energy-saving T8 lamps** have triphosphor coating for balanced color and pleasing light.

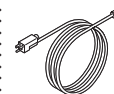
### Connections

**Shelf light mounts recessed or flush** depending on design of overhead storage bin or shelf. Installation is done in the field.



**Universal bracket** allows shelf light to be installed without tools under most metal overhead storage bins and shelves.

**Specify** LED shelf light for use under 24" wide bins. Standard, Utility2, and Bottomline 24" wide lights do not fit under 24" wide bins.



**Daisy chain starter cord** must be ordered separately when used with Standard shelf lights in a daisy chain application.

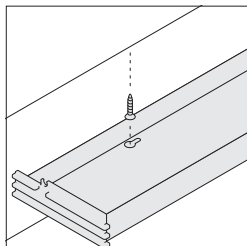
**Daisy chain starter light with cord** must be ordered when Utility2 shelf lights are used in a daisy chain application.

### Actual Dimensions

	Standard	Utility2
Depth	9 1/4" (235 mm)	6 7/8" (175 mm)
Width	24 5/8", 36 5/8", or 48 5/8" (625 mm, 930 mm, or 1235 mm)	24 5/16", 36 5/16", or 48 5/16" (617 mm, 922 mm, or 1227 mm)
Height	1 3/4" (44 mm)	1 5/8" (41 mm)

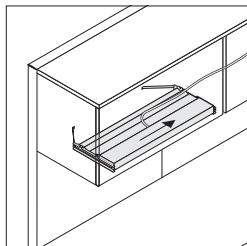


Width	Lamp width	Lamp wattage	Replacement lamps
24 $\frac{5}{8}$ "	24"	17 watts	F17T8-TL735
36 $\frac{5}{8}$ "	36"	25 watts	F25T8-TL735
48 $\frac{5}{8}$ "	48"	32 watts	F32T8-TL735



**Keyhole slots** in housing of fixture allow shelf light to be mounted beneath wood or laminate overhead storage bins and shelves using screws provided. Keyhole slots are also used to mount lights to overhead storage bins and shelves manufactured prior to August 1991.

**Standard shelf competitive mounting package** provides attachment hardware to mount Steelcase shelf lights on all major competitive furniture lines. Package includes screws and installation instructions.



**Shelf light** can be mounted anywhere from side to side beneath over-head storage bin or shelf. The cord length is the only limitation.

### Wiring & Cabling

**Power** drawn is approximately  $\frac{1}{2}$  amp.

**Daisy chaining** permits interconnecting up to six Standard shelf lights from a single power outlet. Utility2 light daisy chaining allows up to 10 fixtures.

► Page 171

**Starter cord** for Standard and starter light for Utility2 powers first light in a daisy chain and allows you to convert any daisy chain light for independent operation.

**Electronic high-power-factor ballast** that is roughly 45% more efficient than a normal-power-factor ballast is available on Standard and Utility2.

**Normal-power-factor electronic ballasts** are available on Utility2 shelf lights.

**Batwing lens** is available as an option on Utility2 shelf lights for applications where moderate improvement to light distribution is needed.

### Surface Materials

#### Housing

- Black paint (standard)
- Paint colors (option)

#### Reflector

- White on Standard and silver on Utility2 shelf lights

#### Cord

- Black plastic only

#### End cap cord manager

- Black plastic only

### Photometric Data

#### Standard

Initial horizontal footcandles for LSM24K  
Worksurface rear

3"	88	85	78	67	55	42	31	22
6"	93	90	82	70	57	43	31	23
9"	91	88	81	69	56	41	30	21
12"	82	80	72	62	50	38	28	20
15"	69	67	61	53	43	33	24	18
18"	56	55	49	43	36	28	21	16
21"	41	40	37	32	27	22	17	13
24"	29	28	26	23	19	16	13	10
27"	19	19	18	16	14	12	10	8
30"	13	13	12	11	10	9	7	6
CL	3"	6"	9"	12"	15"	18"	21"	

Worksurface front

#### Utility2

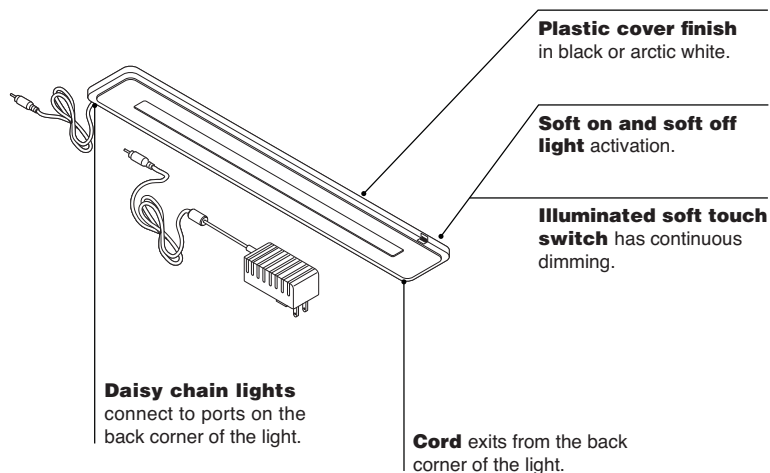
Initial horizontal footcandles for LSB24K2  
Worksurface rear

3"	113	109	98	84	65	49	36	25
6"	129	123	112	93	73	53	37	26
9"	135	129	117	96	75	53	38	26
12"	127	119	107	89	68	49	36	25
15"	104	99	89	74	58	43	32	22
18"	78	76	68	56	44	34	26	19
21"	55	51	48	41	34	26	21	15
24"	36	36	31	29	24	18	15	11
27"	25	24	21	19	17	14	11	9
30"	17	16	15	13	11	10	8	7
CL	3"	6"	9"	12"	15"	18"	21"	

Worksurface front

# LED Shelf Lights

► Specifying, page 330



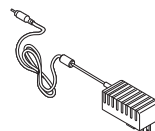
## Actual Dimensions

<b>Depth</b>	2 <sup>5</sup> / <sub>8</sub> "
<b>Width</b>	18 <sup>1</sup> / <sub>8</sub> "
<b>Height</b>	1 <sup>1</sup> / <sub>2</sub> "

- Power Supply 18 Watt Cord
  - 9' with two prong driver plug
- Power Supply 60 Watt Cord Set (11')
  - Line voltage cord: 6'
  - Low voltage cord: 5'

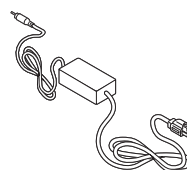
## Product Details

**Shelf light** includes the lamp and power supply with cord set. Daisy chain primary light includes lamp and larger power supply to support up to three lights. Daisy chain secondary light includes lamp and daisy chain cord set.



**An 18 watt power supply**, is used on the LED standard light; it is 9' long with a two prong driver plug.

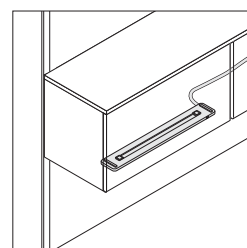
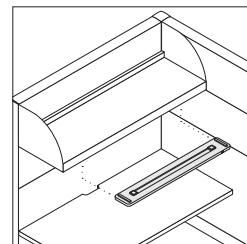
*Tip: Energy saving mini-LEDs greatly reduce power use.*



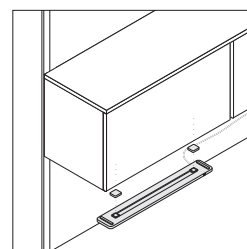
**Power supply for LED daisy chain starter light** uses an 11' 60 watt modular cord with standard two prong plug, an integrated low voltage cord, and a connector to attach to light.

## Connections

**Shelf light** mounts recessed or flush depending on design of overhead storage bin or shelf. Installation is done in the field.



**Magnetic mounting** allows shelf light to be installed without tools under most metal overhead storage bins and shelves. This mounting allows the light to be mounted to most competitive steel bins and shelves.



**Optional fastener kit** allows shelf light to be mounted to wood shelves.

**Specify** LED shelf light for use under 24" wide bins. Standard, Utility2, and Bottomline 24" wide lights do not fit under 24" wide bins.

### Wiring & Cabling

**Shelf light** includes the lamp and power supply with cord set. Daisy chain starter light includes lamp and larger power supply to support up to three lights. Daisy chain secondary light includes lamp and daisy chain cord set.

**Power supply for LED daisy chain starter light** uses a 60 watt modular cord with standard two prong plug, an integrated low voltage cord, and a connector to attach to light. An 18 watt power supply is used on the LED standard light, it is 9' long with a two prong driver plug.

*Tip: Daisy chain starter light comes with a 60 watt power supply to support up to three lights. Daisy chain secondary lights do not come with a power supply, but instead come with a daisy chain cord set.*

### Surface Materials

#### Housing

- 6000 Black
- 6009 Arctic White

#### Reflector

- Clear anodized aluminum only

#### Cord

- Black plastic only

### Photometric Data

#### LED Shelf Light

Initial horizontal footcandles for LSL18

Worksurface rear

12"	16	22	29	36	42	47	48	46	40	34	27	20	15
9"	20	28	38	49	59	66	67	64	56	46	35	26	19
6"	24	35	48	62	76	85	87	83	72	58	44	31	22
3"	27	39	55	72	89	101	104	98	85	67	50	35	24
CL	28	41	57	76	94	107	111	104	89	70	52	36	25
3"	26	38	54	71	88	100	103	97	83	66	49	34	24
6"	23	33	50	60	73	83	85	80	69	55	41	30	20
9"	19	26	36	46	55	62	64	61	53	43	33	24	17
12"	15	20	25	32	38	42	44	41	37	30	24	18	13
	18"	15"	12"	9"	6"	3"	CL	3"	6"	9"	12"	15"	18"

Worksurface front

# LED Linear Shelf Lights

A properly diffused light source under the linear head provides a softly blended light pattern that reduces eye strain.

► Specifying, pages 332–333

**Optional occupancy sensor** turns off after 30 minutes of no activity and will turn back on upon return.

**Single touch on/off pad plus touch and hold dimming** for easy individual user control.

**Continuous dimming** from 100% to 15% with last state memory.

**Cord** exits from either end of the light.

**Magnetic mounts and wood mount bracket hardware**, both come standard with both LED light and optional occupancy sensor.

**Light widths** available in 17", 31", 44", and 58".

## Product Details

**LED linear stand alone and daisy chain starter lights** include the lamp, power supply, and both magnetic mounts, and wood bracket hardware with adhesive cord managers.

**LED linear daisy chain lights** include the lamp, daisy chain cords, and both magnetic mounts, and wood mount bracket hardware with adhesive cord managers.

**Optional occupancy sensor** is a separate component that connects to the light fixture and activates in 30 minutes when no movement is detected to conserve energy. It will also turn back on upon return.

**Average rated lamp life of LED linear shelf lights** is 50,000 hours.

**Color temperature of LEDs** is 3500K.

**Color rendering index of LEDs** is 84.

**Automatic turn off after 10 hours** (+/- 15 mins.); standard with both models.

## Connections

**Lights** mount recessed or flush depending on design of overhead storage bin or shelf. Installation is done in the field.

**Magnet mounts** allow shelf lights to be installed without tools under most metal overhead storage bins or shelves.

**Wood mount brackets** allow shelf lights to be mounted to wood shelves.

Actual Dimensions		
	Light	Occupancy Sensor
Depth	2"	2"
Width	17", 31", 44", or 58"	2 <sup>9</sup> / <sub>10</sub> "
Height	1/2"	7/10"

Light width	Number of LEDs in Standard Output/ High Output	System Wattage Standard Output/ High Output
17"	24 / 47	7.8 / 10.9
31"	48 / 94	17.6 / 23.4
44"	72 / 141	25.9 / 34.3
58"	96 / 188	33.6 / 43.5

### Wiring & Cabling

**Light** is standard with single touch on/off and touch control dimming.

**User adjustable touch and hold dimming pad** includes continuous dimming range of 100% to 15%.

**Power supply for 17" linear stand alone only** uses a straight plug with a 9' 18 watt 24 volt wall transformer.

**Power supply for 31", 44", 58", or 17" starter light;** 60 watt compact in-line brick straight plug. The cord is 11', 6' from power supply to power outlet and 5' from power supply to fixture.  
*Tip: Daisy chain starter light comes with a 60 watt power supply to support up to a limited number of lights – refer to chart for daisy chaining fixtures. Daisy chain secondary lights do not come with a power supply, but instead come with two daisy chain jumper cords, one 8" and one 30" set.*

► Page 170

### Surface Materials

#### Housing

- 4321 Arctic White
- 0835 Black

#### Cord

- Black plastic only

### Photometric Data

#### 17"W Standard Output Linear Shelf Light

Worksurface rear								Measured from 18" above worksurface							
12"	11	19	28	33	28	19	11								
6"	15	30	50	60	50	30	15								
CL	17	36	62	76	62	36	17								
6"	15	30	50	60	50	30	15								
12"	11	19	28	33	28	19	11								
18"	12"	6"	CL	6"	12"	18"									
Worksurface front															

#### 31"W Standard Output Linear Shelf Light

Worksurface rear															
12"	28	43	55	59	55	43	28								
6"	44	73	96	104	96	73	44								
CL	53	91	121	131	121	91	53								
6"	44	73	96	104	96	73	44								
12"	28	43	55	59	55	43	28								
18"	12"	6"	CL	6"	12"	18"									
Worksurface front															

#### 44"W Standard Output Linear Shelf Light

Worksurface rear															
12"	48	61	69	71	69	61	48								
6"	80	104	116	119	116	104	80								
CL	99	129	144	148	144	129	99								
6"	80	104	116	119	116	104	80								
12"	48	61	69	71	69	61	48								
18"	12"	6"	CL	6"	12"	18"									
Worksurface front															

#### 58"W Standard Output Linear Shelf Light

Worksurface rear															
12"	63	70	74	74	74	70	63								
6"	106	117	122	123	122	117	106								
CL	131	145	150	151	150	145	131								
6"	106	117	122	123	122	117	106								
12"	63	70	74	74	74	70	63								
18"	12"	6"	CL	6"	12"	18"									
Worksurface front															

#### 17"W High Output Linear Shelf Light

Worksurface rear															
12"	17	31	46	54	46	31	17								
6"	26	51	83	100	83	51	26								
CL	30	62	107	130	107	62	30								
6"	26	51	83	100	83	51	26								
12"	17	31	46	54	46	31	17								
18"	12"	6"	CL	6"	12"	18"									
Worksurface front															

#### 31"W High Output Linear Shelf Light

Worksurface rear															
12"	46	71	90	97	90	71	46								
6"	73	121	158	171	158	121	73								
CL	87	149	198	213	198	149	87								
6"	73	121	158	171	158	121	73								
12"	46	71	90	97	90	71	46								
18"	12"	6"	CL	6"	12"	18"									
Worksurface front															

#### 44"W High Output Linear Shelf Light

Worksurface rear															
12"	78	99	112	116	112	99	78								
6"	131	170	190	196	190	170	131								
CL	160	211	235	244	235	211	160								
6"	131	170	190	196	190	170	131								
12"	78	99	112	116	112	99	78								
18"	12"	6"	CL	6"	12"	18"									
Worksurface front															

#### 58"W High Output Linear Shelf Light

Worksurface rear															
12"	100	112	119	121	119	112	100								
6"	169	188	198	200	198	188	169								
CL	210	232	242	245	242	232	210								
6"	169	118	198	200	198	188	169								
12"	100	112	119	121	119	112	100								
18"	12"	6"	CL	6"	12"	18"									
Worksurface front															

### Chart for Daisy Chaining Fixtures

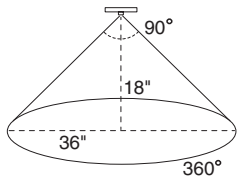
Standard Output Linear Shelf Light											
Light fixture widths	Maximum number of fixtures allowed with daisy chain starter light										
17"	6	4	3	2	2	1	1	-	-	-	-
31"	-	1	-	2	-	2	1	3	1	1	-
44"	-	-	1	-	-	-	1	-	1	-	2
58"	-	-	-	-	1	-	-	-	-	1	-

High Output Linear Shelf Light				
Light fixture widths	Maximum number of fixtures allowed with daisy chain starter light			
17"	4	2	1	-
31"	-	1	-	2
44"	-	-	1	-

- A 60 watt power supply is required for daisy chaining.
- Total system wattage of all fixtures together cannot meet or exceed 60 watts, see chart.
- Cannot daisy chain standard output and high output together.
- Cannot daisy chain 58" high output fixtures.
- Occupancy sensor must be positioned between the power supply and the first starter fixture.
- Only need one sensor when daisy chaining.

*Tip: Each column is the maximum number of fixtures that can be daisy chained together.*

### Occupancy Sensor



- Turns off after 30 minutes of no activity and will turn back on upon return
- 360° lens view
- 90° outward detection angle
- 30" diameter coverage if mounted 15" above worksurface
- 36" diameter coverage if mounted 18" above worksurface
- Connects to fixture with one end-to-end connector. 8" or 30" jumper cords

# Daisy Chaining

## For Standard and Utility2 Lights

Daisy Chaining

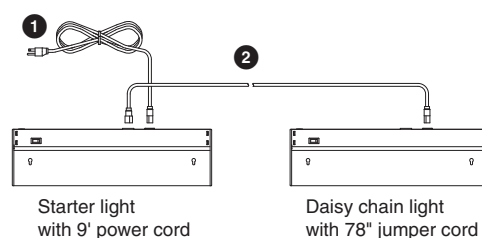
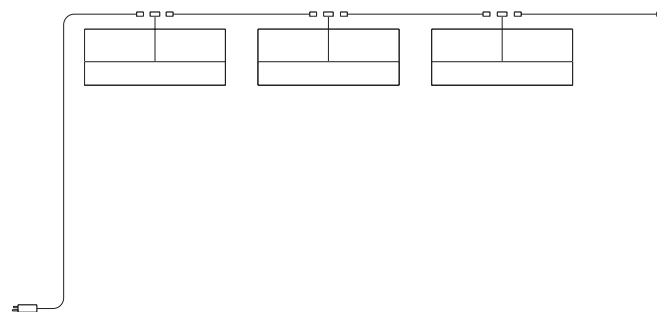
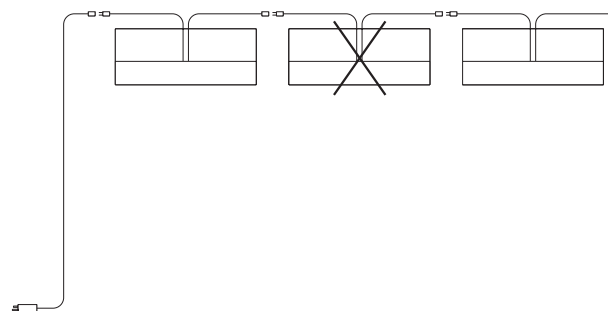
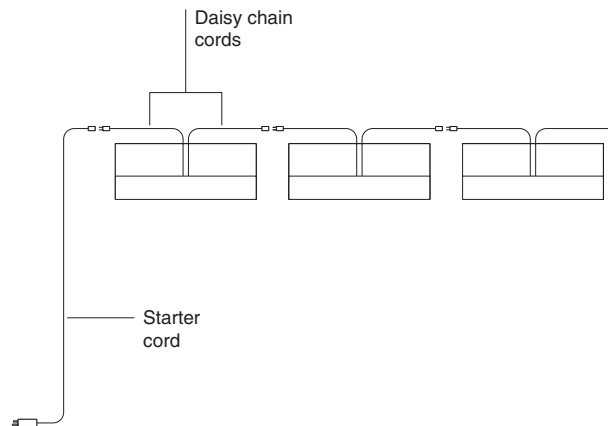
**Daisy chaining shelf lights** together extends power from one fixture to another within workstations to help keep receptacles clear for other uses.

**For Standard shelf lights**, starter cord is required with daisy chain cords to bring power to the first shelf light in a daisy chain so there's no need to designate where each fixture will be used within the chain.

**Power will not be interrupted** in a chain even if one of the shelf lights is turned off or its lamp has burned out. That's because the path of power through the chain doesn't pass through the lamps or switches.

**Additions** to a chain are possible at any time by adding a jumper cord.

**For Utility2 lights**, connect the power cord **1** between the first light and the wall receptacle. Connect the jumper cord **2** between the lights. Maximum distance between receptacles for 78" jumper is 74".  
*Tip: Connect up to 10 fixtures maximum. Voltage and current rating of fixture is 120 volt, .75 amps.*  
 Starter light is required with daisy chain lights to bring power to the first light in the daisy chain.



*Tip: Daisy chaining is not allowed in Chicago. Local electrical codes vary, so you should consult a qualified electrical contractor or engineer for proper installation of all electrical equipment.*

*Tip: Overhead cabinets and shelves provide a recessed area for shelf lights. They are not designed to conceal cords when daisy chaining.*

*Tip: When using upmount brackets with overhead storage and daisy chaining lights, use the open design upmount bracket for better cord management.*

# Vertical Wire Managers

### Vertical wire managers

conceal cords and cables that are routed along the edge of panels.  
► Specifying, page 334

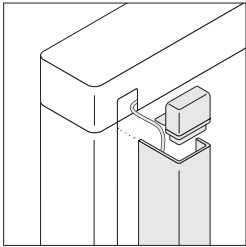
**Top cap** is for use with medium top caps.

**Reveal** is a black detail that separates top cap from cover. It matches the reveal on the panel.

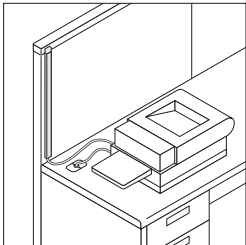
**Cover** conceals cords or cables.



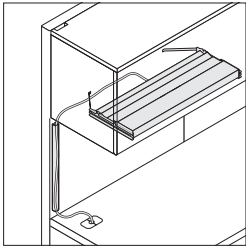
### Product Details



**Top cap** covers the cable knockouts on the side of steel medium panel top caps.  
*Exception: Version for use between a shelf or storage bin and a worksurface ships without a top cap or reveal.*



**Four different sizes** of wire managers are available for use between the panel top cap and the worksurface—10<sup>7</sup>/<sub>16</sub>"H, 21<sup>9</sup>/<sub>16</sub>"H, 33<sup>7</sup>/<sub>8</sub>"H, and 49<sup>11</sup>/<sub>16</sub>"H.



**17<sup>1</sup>/<sub>2</sub>"H wire manager** is available for use between the bottom of a shelf or storage bin and a worksurface. It doesn't have a top cap or reveal.

**Plastic wire manager** is available to cut to special lengths for other applications. It is not available fabric covered.  
*Tip: Use the plastic wire manager to conceal cords going to a junction box because the wire manager has to be cut to fit.*

**Wire manager** can also be used below the worksurface.

### Connections

**Snap**s into the slotted channel of the panel.

### Surface Materials

**Cover**

- Fabric
- Plastic

**Top cap**

- Paint (standard on fabric-covered vertical wire manager)
- Plastic to match color of plastic cover

### Application Topics

**Plastic version** can be cut to length. Fabric-covered version must be ordered to fit height dimension of panel or clearance between storage and worksurface.

### Actual Dimensions

	Fabric-covered	Plastic
Depth	5/8"	1/2"
Width	1 3/8"	1 5/16"
Height	10 <sup>7</sup> / <sub>16</sub> ", 17 <sup>1</sup> / <sub>2</sub> ", 21 <sup>9</sup> / <sub>16</sub> ", 33 <sup>7</sup> / <sub>8</sub> ", or 49 <sup>11</sup> / <sub>16</sub> "	49 <sup>11</sup> / <sub>16</sub> "
Medium top cap height	1 9/16"	1 9/16"



# Understanding Wiring and Cabling

Statement of Line	174
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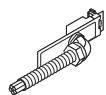
Wiring and Cabling Product Details	
Wiring and Cabling: Interface	176
Wiring and Cabling: Distribution	178
Wiring and Cabling: Access and Storage	180
Application Topics	
Steps to Plan an Electrical Network	182
Steps to Specify Powered Panels with Different Surface Materials	183
Circuit Choices	184
Circuit Specifications	185
How to Calculate Power Needs	186
Special Requirements for Chicago	187
Special Requirements for New York City	188
Special Requirements for Los Angeles	189
Understanding Building Wiring	190
Cable Capacities	192

**All Steelcase electrical systems** are designed in compliance with the National Electrical Code (NEC) to function as a multiwire branch circuit. Installations should be made in accordance with the NEC provisions for multiwire branch circuits.

**Local electrical codes vary.** Consult a qualified electrical contractor or engineer for the proper installation of electrical equipment.

# Statement of Line

## Wiring and Cabling



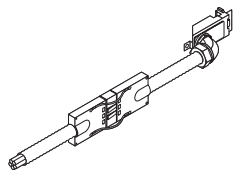
### Base Power-In

Understanding

► Page 40

Specifying

► Page 225



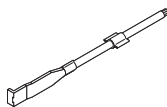
### Breakaway Base Power-Ins

Understanding

► Page 40

Specifying

► Page 226



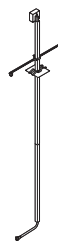
### End Power-Ins

Understanding

► Page 40

Specifying

► Page 227



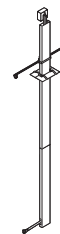
### 2" x 2" Power Pole

Understanding

► Page 41

Specifying

► Page 228



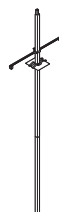
### 2" x 6" Power and Cable Pole

Understanding

► Page 42

Specifying

► Page 229



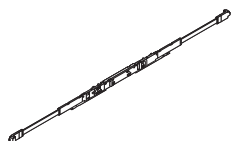
### 2" x 2" Cable Pole

Understanding

► Page 41

Specifying

► Page 230



### 18"W and 24"W Powerways

Understanding

► Page 44

Specifying

► Page 231



### 30"W to 60"W Powerways

Understanding

► Page 46

Specifying

► Page 231



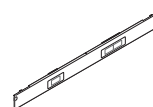
### Panel-to-Panel Connector

Understanding

► Page 47

Specifying

► Page 232



### Base Cover

Understanding

► Page 48

(Factory-installed on panel)



### Corner Wire Cover

Understanding

► Page 179

Specifying

► Page 232



### Cable Grommets

Understanding

► Page 49

Specifying

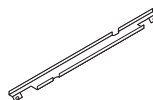
► Page 233



### Panel-Base End Filler

Specifying

► Page 233

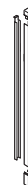


### Wire Separator

Understanding

► Page 179

(Factory-installed on panel)



### Filler

Understanding

► Page 32

Specifying

► Page 218



### Receptacle

Understanding

► Page 48

Specifying

► Page 234



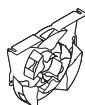
### Panel-Supported Receptacle

Understanding

► Page 180

Specifying

► Page 235



### Cable and Fiber Reel

Understanding

► Page 121

Specifying

► Page 286



### Termination Plate

Understanding

► Page 122

Specifying

► Page 286



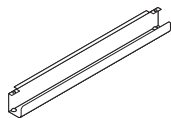
### Cord Reel

Understanding

► Page 181

Specifying

► Page 286

**Cable Storage Tray**

Understanding

▶ Page 181

Specifying

▶ Page 287

**Wire Guide Clips**

Understanding

▶ Page 181

Specifying

▶ Page 287

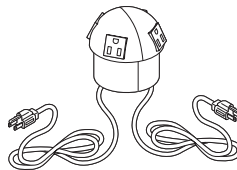
**Grommet Convenience Receptacle**

Understanding

▶ Page 181

Specifying

▶ Page 287

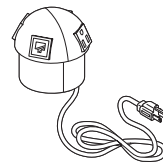
**Power Spheres**

Understanding

▶ Page 119

Specifying

▶ Page 288

**Power and Communication Spheres**

Understanding

▶ Page 119

Specifying

▶ Page 288

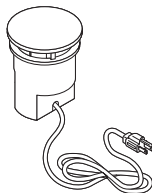
**Communication Sphere**

Understanding

▶ Page 119

Specifying

▶ Page 289

**Round Power and Communication Port**

Understanding

▶ Page 119

Specifying

▶ Page 289

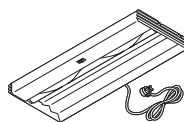
**Vertical Wire Manager**

Understanding

▶ Page 172

Specifying

▶ Page 334

**Shelf Lights**

Understanding

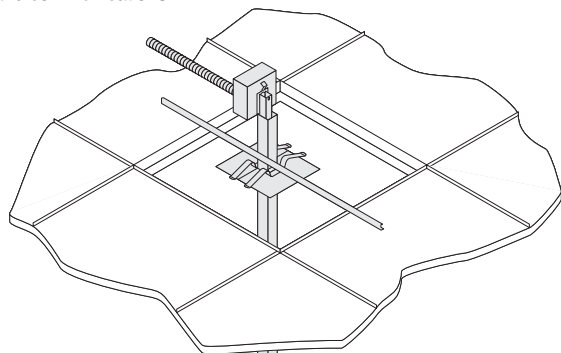
▶ Page 164

Specifying

▶ Page 326

# Wiring and Cabling: Interface

**Interface** refers to the point at which the utilities (electrical and cables) for your panel installation connect with the building's power and communications.



**Power poles** route building power from the ceiling through the panel to the powerway in the panel base cavity. They can also be used to run cables into the top cap or into the panel base cavity.

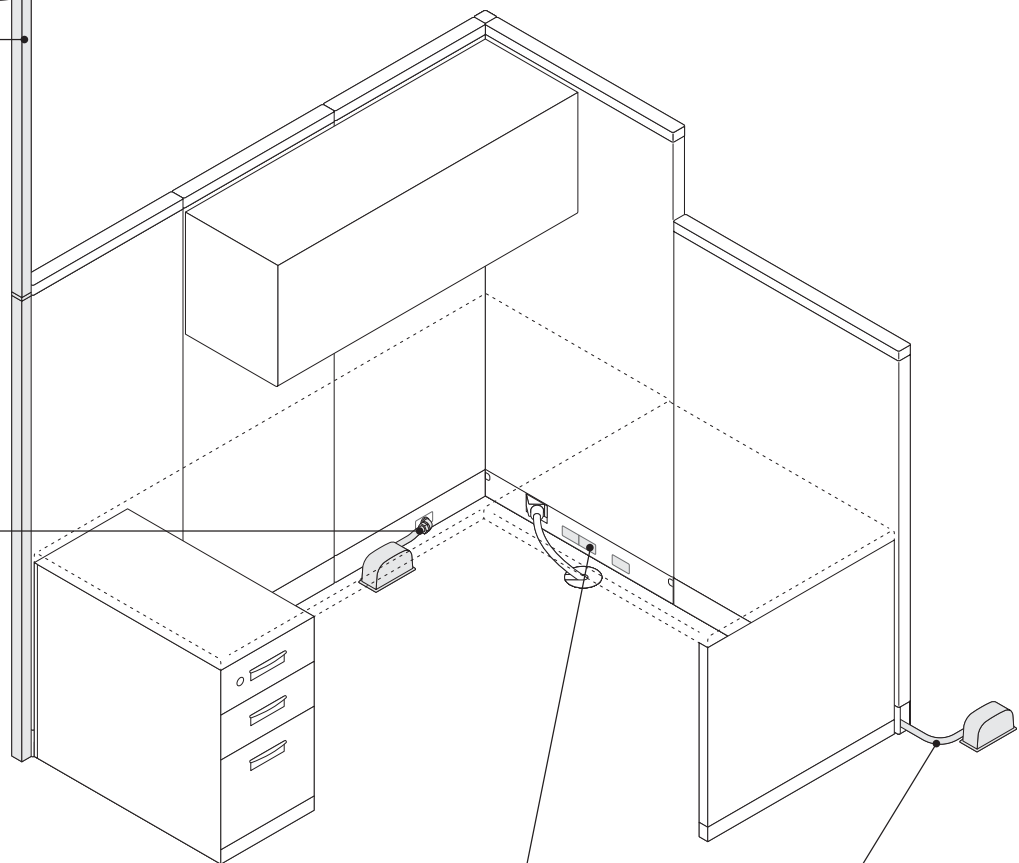
► Pages 41–43

**Cable poles** route communication cables from the ceiling to the top cap or to the panel base cavity.

► Pages 41–43

**Base power-ins** connect building power from the wall or floor to a receptacle opening on a powerway in the panel base.

► Page 40

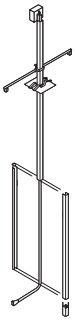


**Cable grommets** are available to bring cables into the panel base from the floor. Cables can also enter the panel base at the end of a panel.

**End power-ins** connect building power from the wall or floor to the end of a panel.

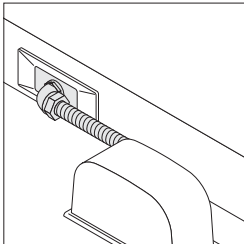
► Page 40

## Product Details



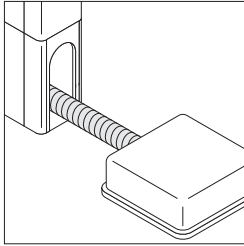
**2" x 2" power pole** is equipped with one electrical harness. The 2" x 6" power pole has two electrical harnesses. Both poles have an inner sleeve that separates power from communication cables.

**Power pole circuit** can be specified as 3-circuit or 4-circuit models.



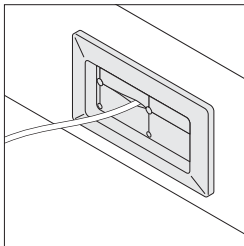
**Base power-ins** supply building power to a panel run by connecting to the powerway at the receptacle location on the green end only. The 3-circuit and 4-circuit models are available to fit standard- or larger-size openings with filler plate. Breakaway models, that fit either size opening, are available for use in California.

► Page 40



**End-entry power-ins** connect directly to the green end of the powerway, without taking up a receptacle opening. They are available in 3-circuit and 4-circuit models.

► Page 40

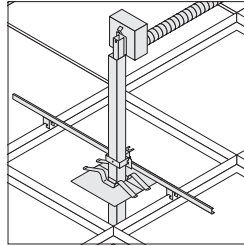


**Cable grommets** can be used to route cables from a floor source to the panel base cavity.

## Connections

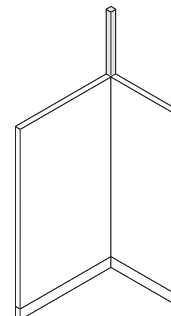
**Power or cable poles can attach** at the end of a panel run, or at an L-, T-, or X-junction. A pole must be specified to match the height of the panel it is attached to.

► Pages 41–43

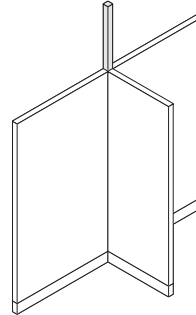


**Ceiling attachment kit** secures the power pole or cable pole to the suspended ceiling grid. Junction box at the top of a power pole can be hardwired to building power.

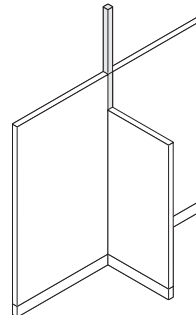
**Ceiling heights** up to 10' 4" can be accommodated by a power or cable pole. The ceiling attachment kit adjusts for lower ceilings.



**L-junction** allows the power or cable pole to attach to either panel.



**T-junction** allows the power or cable pole to attach to, and run power into, the center panel.



**Panels of different heights** at a junction require a varying height connector package (PAB2) to attach to either type of pole. Change-of-height end trim cannot be used.

## Application Topics

**Some locations** have electrical codes that vary from the national code and impose special requirements.

► Pages 187–189

### Steps to Plan an Electrical Network

► Page 182

### Understanding Building Wiring

► Page 190

► **Avenir Cable-Management Guide**  
Form number S270.

► **TechnoLogical Binder**  
Form number S2402.

# Wiring and Cabling: Distribution

**Distribution** refers to how the power and cables get from one place to another through the panel and work-surface components.

**Top caps** accommodate lay-in cable routing within a workstation or cluster.

**Grommets** allow cords and cables to be routed from a panel top cap through an overhead storage bin to the worksurface.

**Vertical wire managers** conceal cords and cables that are routed along the edge of panels.

**Fillers** create a vertical channel for routing cables between the top cap and panel base on panels that are the same height.

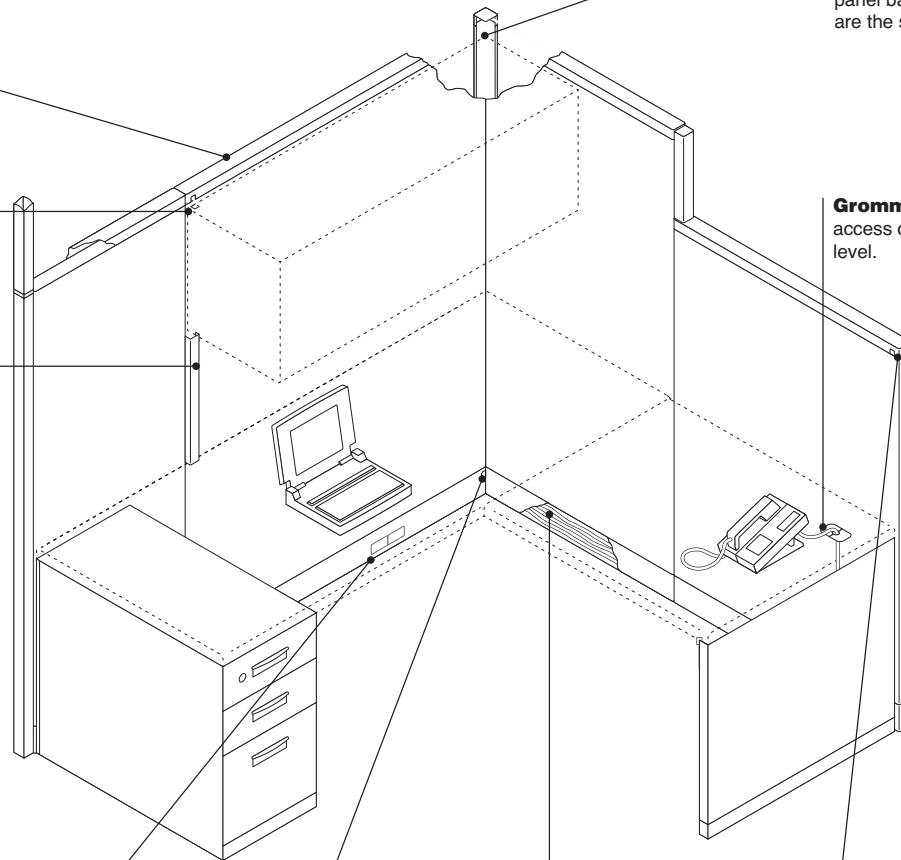
**Grommets** permit you to access cords at worksurface level.

**Cable grommets** allow the cables to be routed from the panel base to the worksurface.

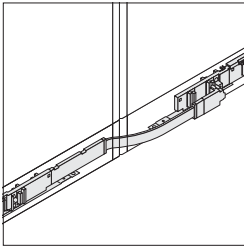
**Communication cord knockouts** permit communication cables to run between the worksurface and a panel base.

**Panel base cavity** conceals powerways. The base cavity can also be used to route and conceal cables.

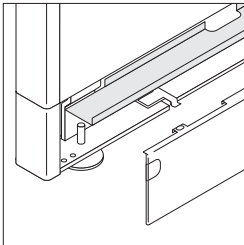
**Cable knockouts** permit cables to exit the top cap.



## Product Details

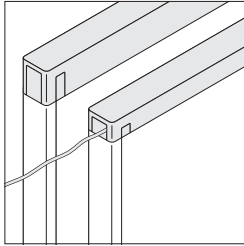


**Powerways**, within the panel base cavities, connect to route power through a cluster of workstations and provide terminals for receptacles or base power-ins.  
► Pages 44–47

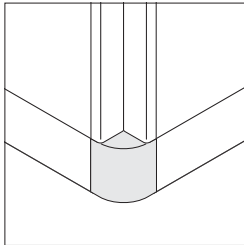


**Wire separator** can be specified for the panel base to provide a separate, isolated space for routing data and telecommunication cables. It also serves as a metallic barrier between low-voltage communication wires and 120-volt electricity.  
*Tip: For use on tackable acoustical and high-performance panels manufactured after September 10, 1990, and non-tackable panels manufactured after March 15, 1999.*

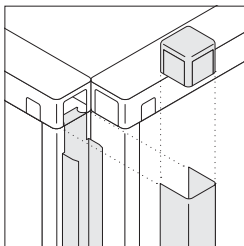
*Tip: Wire separators for use with Avenir non-tackable panels and panels manufactured prior to September 10, 1990, must be ordered from Service Parts.*



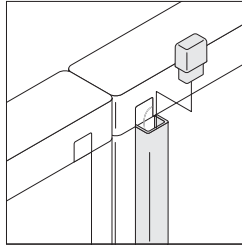
**Medium steel top caps** create a space for routing cables from panel to panel, and include cable knockouts to let cables in or out.  
► Page 24



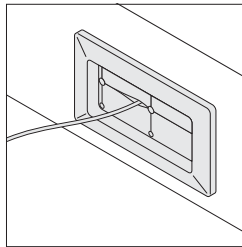
**Corner wire covers** conceal cables and powerways in the panel base cavity at L- and T-connections.



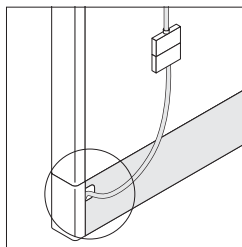
**Fillers** conceal cables running vertically and aesthetically fill in the space at L-, T-, and X-connections.  
► Page 32



**Vertical wire managers** snap into the panel's slotted channel. They conceal cables or task light cords or harnesses running to the worksurface or base receptacles. They come with a cap to conceal a cable knockout.  
► Page 172

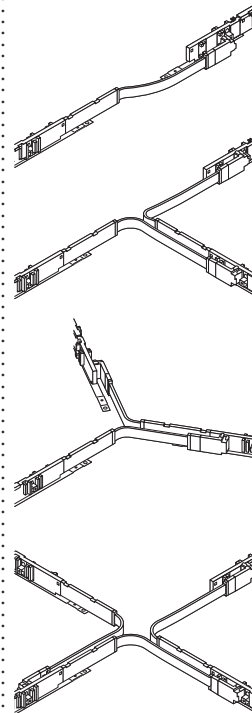


**Cable grommets** can be inserted in duplex-size receptacle openings to route cables from the panel base to the worksurface.



**Communication cord knockouts** allow cables to pass from the panel base to the worksurface.

## Connections



**Powered panels** may be joined to form straight line, L-, T-, Y-, or X-configurations. Some panel connections can affect how power flows or cables are routed from panel to panel.  
► Pages 44–47

**18"W panels** do not have receptacles, but power and cabling can pass through them.

## Application Topics

**Steps to Plan an Electrical Network**

► Page 182

**Circuit Choices**

► Page 184

**Circuit Specifications**

► Page 185

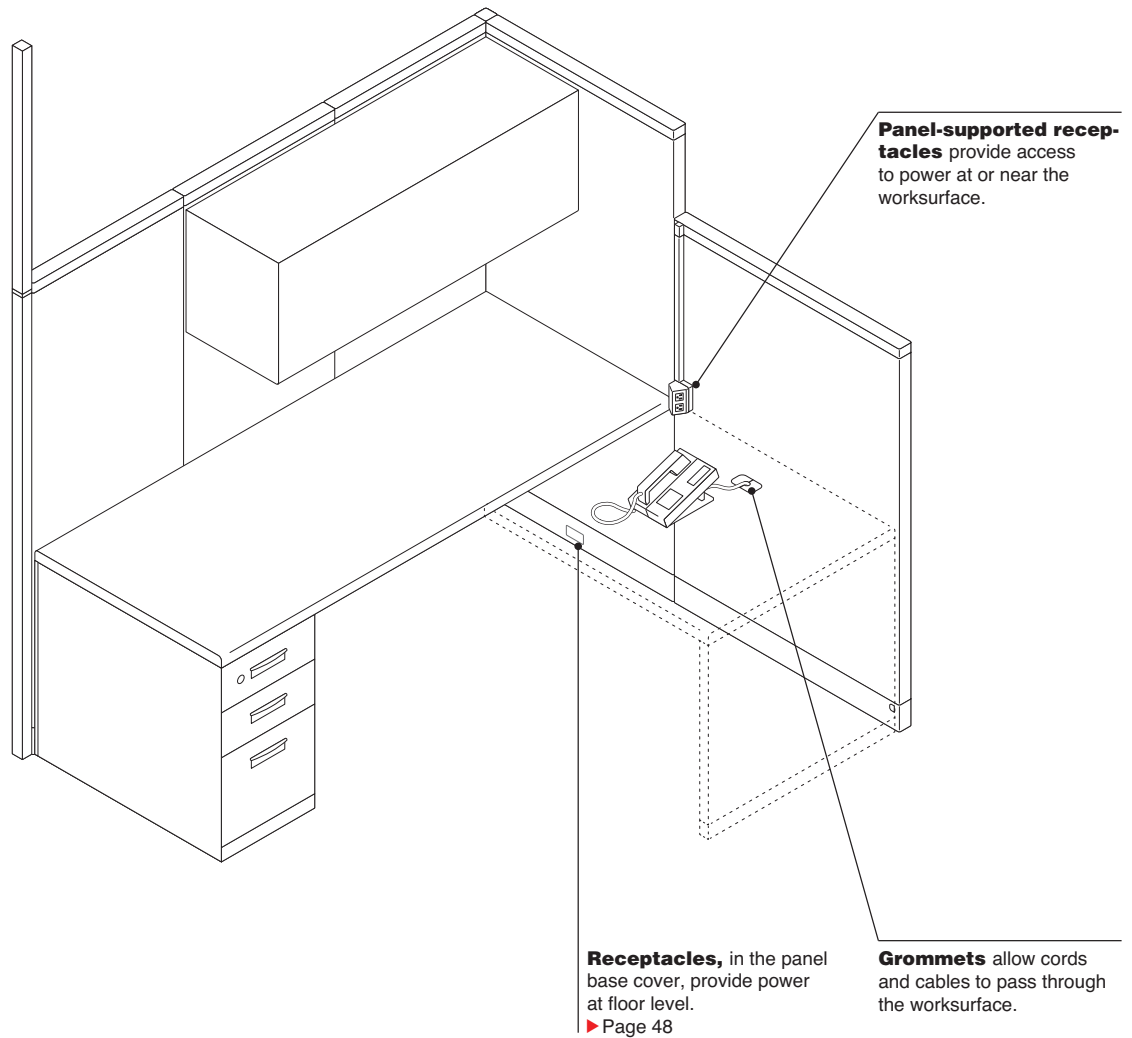
**Cable Capacities**

► Page 192

# Wiring and Cabling: Access and Storage

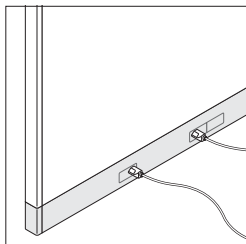
**Access** refers to the points at which you'll place electrical outlets so people can plug in equipment. Access also includes the links between communication and computer networks.

**Storage** refers to the ways in which you manage excess lengths of cords and cables.



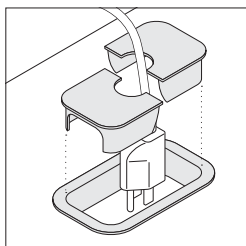


## Product Details

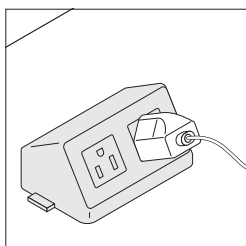


**Receptacles**, installed in the panel base, are available in standard-size or oversize with three circuits or four circuits. Each 36"W or wider powered panel has up to four receptacle openings, accepting up to eight outlets (four per side).  
▶ Page 48

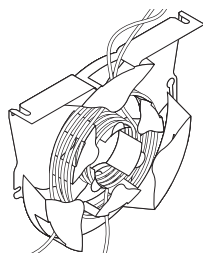
**18"W panels** accommodate pass-through powerways only, so their base covers do not have receptacle openings.



**Grommets** in standard worksurfaces have removable covers to admit three-prong plugs. They can be specified in a range of locations to avoid conflict with center drawers and pedestals.  
▶ Page 114

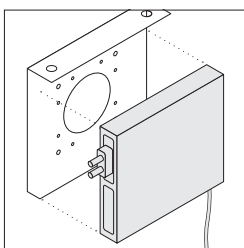


**Grommet convenience receptacle** can be used to provide access to power wherever there is a grommet.



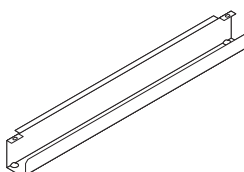
**Cable and fiber reel** stores lengths of excess fiber-optic cable or conventional cables.

▶ Page 121

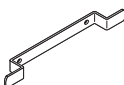


**Termination plate** accommodates the oversized junction boxes used for installation of fiber-optic cables.

▶ Page 122



**Cable storage trays** assist with horizontal routing and conceal large quantities of cords and cables under a work surface.



**Cord reel** takes up excess cord or cable under the work surface.



**Wire guide clip** has an adhesive back to allow it to stick to painted metal components under a work surface for routing and managing cords.

## Application Topics

### Steps to Plan an Electrical Network

▶ Page 182

### Chicago, New York City, and Los Angeles have special requirements.

▶ Pages 187–189

# Steps to Plan an Electrical Network

There are four steps to planning an electrical network.

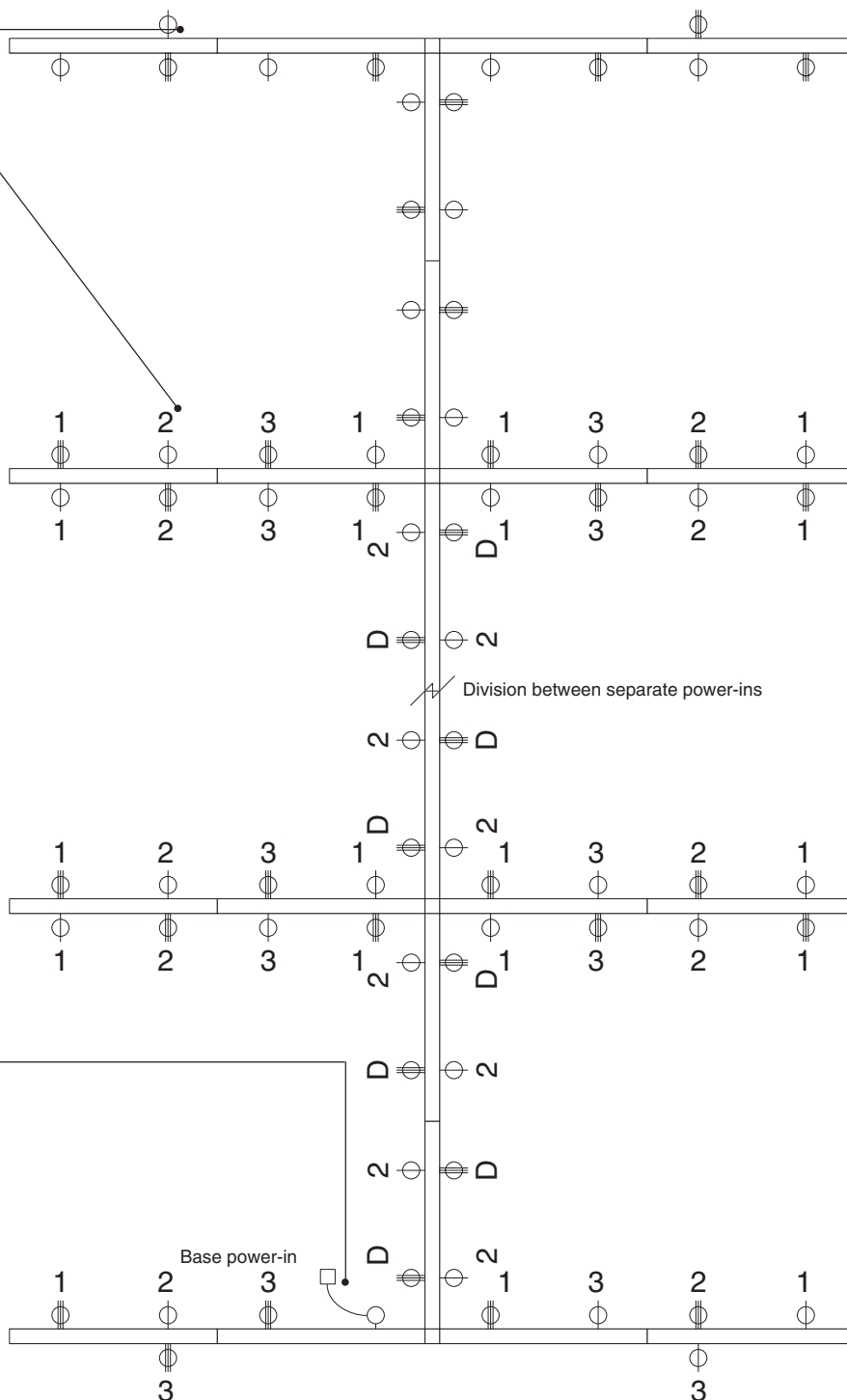
**1**  
On a drawing of your panel layout, indicate where you want receptacles.

**2**  
Designate which circuit (1, 2, 3, or dedicated) you want each receptacle to link to.  
► For more information about dedicated and designated circuits, see page 184.

**3**  
Determine how many power-ins are needed to supply enough power to each cluster of workstations.  
► For more information about calculating power needs, see page 186.

**4**  
Indicate the position of each base power-in, power pole, or cable pole on your floor plan.

You're probably done. If, however, your layout includes panels with different surface materials on the two panel surfaces, you may want to streamline the installation process by specifying surface materials in a special order.  
► See the next page for details.



○ = Standard receptacle    ○ = Large or Standard receptacle

# Steps to Specify Powered Panels with Different Surface Materials

Steps to Specify Powered  
Panels with Different  
Surface Materials

You can streamline the installation process when using different surface materials on each side of the panels by specifying the panel surfaces in order. Because powerways can be reversed in the field, you can skip this process, but allow extra time for installation.

**1** Complete the steps described on the previous page, so you have a drawing of your installation with the positions of power-ins indicated.

**2** Start with the powerway that connects to the power-in and use the letter "G" to indicate that this is the end of the powerway that is color coded green.

**3** Continue by marking the green end of each powerway with letters. When assigning color codes, follow this rule:

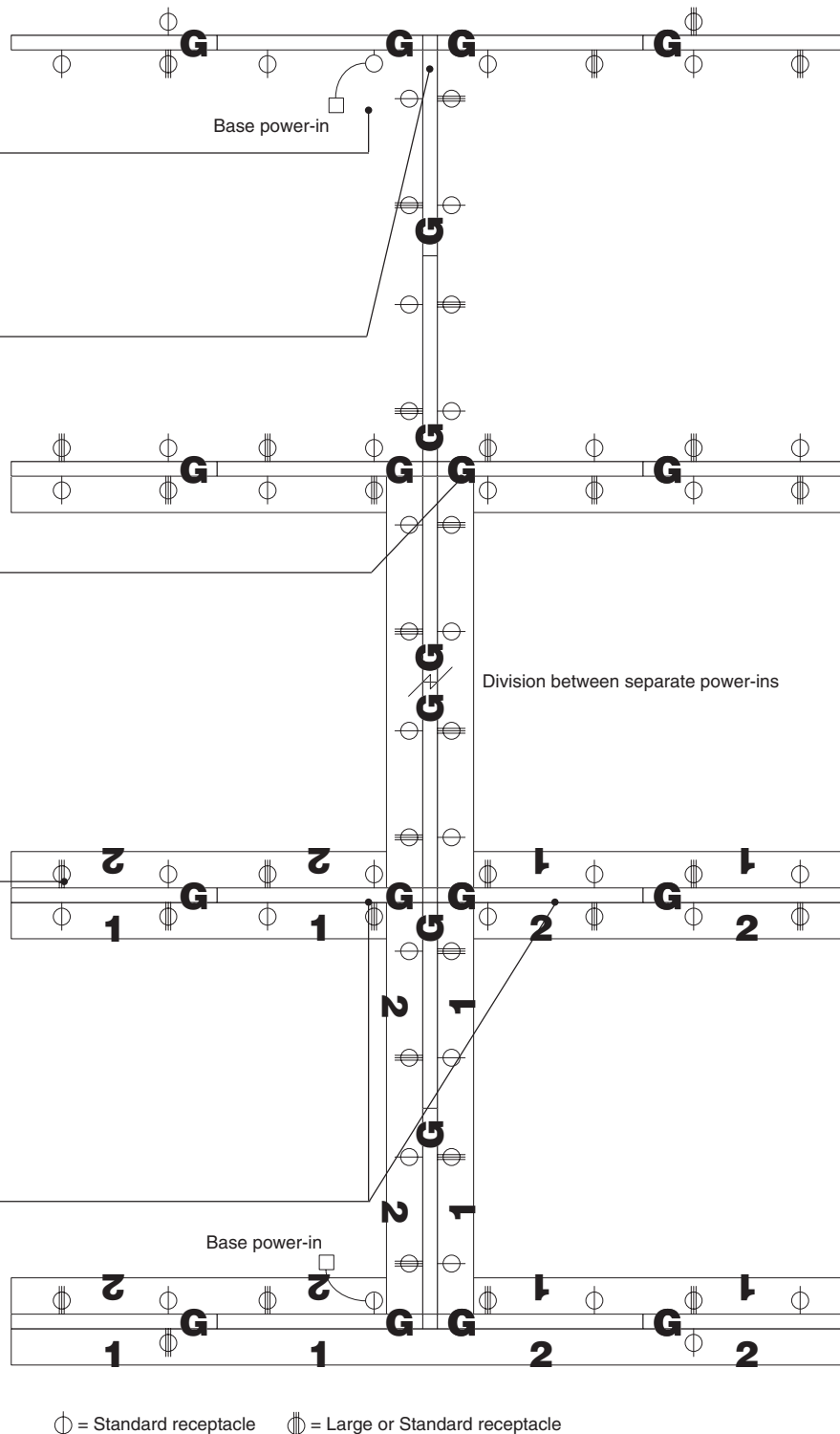
- There must be at least one green end at each intersection.

► Pages 44–47

**4** Use a color marker to indicate the different surface materials of each panel.

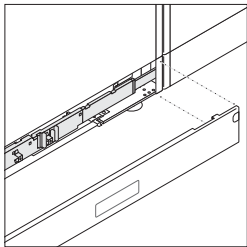
**5** Locate the side of each panel that has the green end of the powerway on the right. This is side one. Always specify the surface material on side one of the panel first, then specify side two.

**6** You may have panels that are identical in every respect, except that the materials for side one and side two are reversed. The installers will be able to speed up the installation by arranging these panels to match your layout without rearranging the powerways.

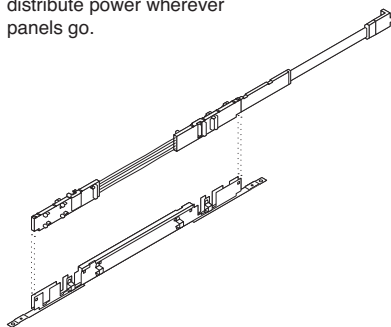


# Circuit Choices

## Powerways and Strategies for Using Them

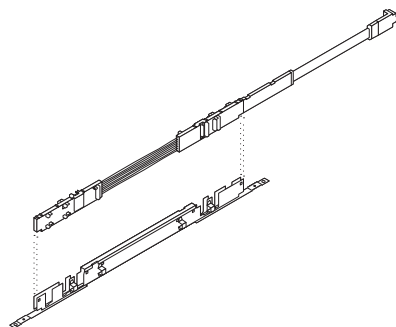


**Powerways** added to the base of panels allow you to distribute power wherever panels go.



**Standard 3-circuit powerways** have five wires—three hot wires carry power, one shared neutral completes the circuit, and one ground for safety.

*Tip: 30"W or wider powerway is shown. 24"W powerways have double flag connectors.*



### **All other powerways**

have eight wires.

*Tip: 30"W or wider powerway is shown. 24"W powerways have double flag connectors.*

► See page 185 for alternative wiring schematics.

# Circuit Specifications

## Detailed Information for the Electrical Engineer

Circuit Specifications

**Five wiring schematics** are available for Avenir—two 3-circuit systems and three 4-circuit systems.

**All the components in an electrical distribution network** must use the same wiring schematic. The components (power poles, base power-ins, powerways, and receptacles) snap together and are keyed to make it impossible to connect mismatched parts. Color-coded and labeled components make it easy for installers to identify which wiring schematic each component is dedicated to.

### Color coding

- 3 circuits shared = Black
- 3 circuits separate = White
- 4 circuits 3+D = Black
- 4 circuit 3I+1 = Tan
- 4 circuit 2+2 = Grey

## Overview

**Three-circuit electrical components with shared neutrals** are standard with 5 wires to provide three circuits that share one oversized neutral and one ground. This is the traditional 3-circuit power alternative that is specified by adding the suffix P3 to the panel style number.

**Three-circuit with separate neutrals** have 8 wires providing three circuits, each with its own separate neutral. The first two circuits share an isolated ground; the third uses the system ground.

**Four-circuit 3+D** are standard with 8 wires to provide four circuits. Three of these circuits share an oversized neutral and a system ground while the remaining circuit has its own neutral and isolated ground. This is the traditional 4-circuit power, also known as 3+D, that is specified by adding the suffix P4 to the panel style number.

**Four-circuit, 3I+1** again have 8 wires but with three circuits that share an oversized neutral and isolated ground. The fourth circuit has its own neutral and is attached to the system ground. This electrical system is like the standard 3+D, but the grounds are switched, providing three isolated circuits and one general purpose circuit as compared to one isolated circuit and three general purpose circuits.

**Four-circuit 2+2** also have 8 wires but provide two circuits that share an oversized neutral and a system ground and an additional two circuits with a second oversized neutral and an isolated ground.

### 3 Circuit Shared Neutral, 5 Wires



Hot 1  
Hot 2  
Hot 3  
Oversized Neutral  
System Ground

### 3 Circuit Separate Neutral, 8 Wires



Hot 1  
Neutral 1  
Hot 2  
Neutral 2  
Isolated Ground  
Hot 3  
Neutral 3  
System Ground

### 4 Circuit 3+D, 8 Wires



Hot 1  
Hot 2  
Hot 3  
Oversized Neutral  
System Ground  
Hot 4  
Neutral  
Isolated Ground

### 4 Circuit 3I+1, 8 Wires



Hot 1  
Hot 2  
Hot 3  
Oversized Neutral  
Isolated Ground  
Hot 4  
Neutral  
System Ground

### 4 Circuit 2+2, 8 Wires



Hot 1  
Hot 2  
Oversized Neutral  
System Ground  
Hot 3  
Hot 4  
Oversized Neutral  
Isolated Ground

# How to Calculate Power Needs

Use This to Determine How Many Power-Ins You'll Need

**When planning a power network,** you must calculate the amperage requirements of all your electrical components so you can provide sufficient electricity to power them.

## If your usage is not known in advance:

The National Electrical Code (NEC) allows a maximum of 13 receptacles on each 20-amp circuit. This provides up to 30 receptacles for each 3-circuit power-in and 40 receptacles for each 4-circuit power-in.

## If your usage is known in advance:

Add up the amperage used by each piece of equipment in the workstation. Whenever you reach 60 amps (20 amps times 3 circuits) or 80 amps (20 amps times 4 circuits) from items that are likely to be used at the same time, you have reached the limit for a single power-in. Specify another power-in and continue until all equipment is powered.

If the circuits will normally be subject to a continuous load (three or more hours of continuous use, such as lights or computers), the NEC requires that circuit capacity be "de-rated" by 20 percent. Therefore, treat circuits used for continuous loads as if they were rated at 16 amps instead of the regular 20 amps.

Try to anticipate future increases in power requirements and build some excess capacity into your plan.

► See table at right for typical and actual amperage usages for components.

To calculate amperage when the wattage of a device is known, divide watts by 120.

Some appliances, such as large copiers, coffee makers, or space heaters require most of the current available on a 20-amp circuit. It is recommended that such devices be supplied with their own receptacle/circuit, directly from the building. This leaves the capacity of the furniture circuits available for the more dynamic requirements of the office equipment.

Local electrical codes vary. Consult a qualified electrical contractor or engineer for the proper planning of electrical circuits in your locale.

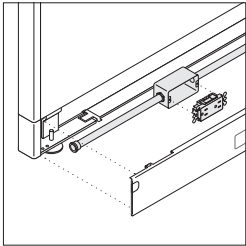
## Approximate power consumption for common devices

• Device	• Wattage	• Amperage	• Voltage	• Number of Devices Supported on Single 20 Amp Circuit*
Laptop	90	0.8	110	20
CPU/Desktop Computer	120	1.1	110	15
Monitor	60	0.5	110	29
Phone	5	0.0	110	352
High Power Tablet (e.g. Surface Pro)	40	0.4	110	44
Low Power Tablet (e.g. iPad Air)	15	0.1	110	117
Desktop Printer	40	0.4	110	44
42" LCD Screen	210	1.9	110	8
DVD Player	25	0.2	110	70
Projector	175	1.6	110	10
Desktop Lamp	19	0.2	110	93
Large Printer/Copier (high)	1900	17.3	110	1
Large Printer/Copier (low)	850	7.7	110	2
Paper Shredder	360	3.3	110	5
Desktop Fan	20	0.2	110	88
Standing Fan	180	1.6	110	10
Coffee Maker (high)	1200	10.9	110	1
Coffee Maker (low)	600	5.5	110	3
Microwave (high)	400	13.6	110	1
Microwave (low)	150	5.5	110	3
Refrigerator (high)	1500	3.6	110	4
Refrigerator (low)	200	1.4	110	12
Vacuum (high)	1500	13.6	110	1
Vacuum (low)	200	1.8	110	9
Space Heater (high)	1500	13.6	110	1
Space Heater (low)	750	6.8	110	2

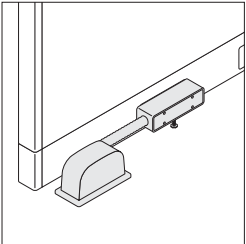
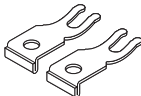
*Tip: These calculations are estimations and are meant solely for informational purposes. It is important to conduct proper power planning for each installation to prevent overloading a circuit.*

# Special Requirements for Chicago

Special Requirements  
for Chicago

	Chicago code	Specification:	Electrician will supply:
<b>Panel Requirements</b>  <b>Chicago code</b> requires hardwiring of all electrical components.	<b>Panels</b> must be hardwired in the field.   <b>Electrician hardwires</b> all receptacle boxes and conduits into panel bases in the field. <i>Tip: Panel depth prohibits use of standard device boxes for back-to-back receptacles in Chicago. If back-to-back receptacles are required or if additional circuits are required, contact the Steelcase Solutions Resource Team at 1.888.STEELCASE (1.888.783.3522) or send an e-mail to lineone@steelcase.com for additional information on how to order back-to-back hardware junction boxes.</i>	<ul style="list-style-type: none"> <li>• <b>Order panels</b> with factory-installed power base covers with receptacle knockouts where you intend to install receptacles.  <i>Tip: Chicago code doesn't require a special base cover with different receptacle locations.</i></li> <li>• <b>Receptacles</b> in Chicago are supplied by electrician. Because these receptacles will be duplex size, you must order a filler plate to occupy the remaining space in larger-size openings. Reusable filler plates are available from Service Parts.  <i>Tip: Because receptacles in Chicago cannot be installed back to back, you may want to avoid powered panels that are 30"W or less. These panels only have one receptacle location on each side, so these panels can only accommodate one duplex-size receptacle.</i></li> <li>• <b>Order corner fillers</b> for L-, T-, and X-configurations separately to conceal electrical conduits.</li> </ul>	<ul style="list-style-type: none"> <li>• Connection to building power supply</li> <li>• Wires</li> <li>• Fittings</li> <li>• Duplex receptacle (Leviton 5325-Decora style)</li> <li>• Electrical components</li> </ul>
	<b>Lighting Requirements</b>	<b>Cords</b> must include integral overload protection. <ul style="list-style-type: none"> <li>• <b>Order Chicago version of shelf lights.</b></li> </ul>	

# Special Requirements for New York City

	New York City code	Specification:	Electrician will supply:
<b>Panel Requirements</b>  <b>New York City code</b> requires that all electrical components be field installed.	<b>Powerways</b> must be installed in the field.    <b>New York City-version of the base power-in</b> is required. It is comprised of a junction box and a powerway connector. Special power pole is not required.	<ul style="list-style-type: none"> <li>• <b>Order panels</b> with factory-installed power base covers with receptacle knockouts where you intend to install receptacles. If duplex receptacle, or base power-in, is to be installed in oversized receptacle opening, order a filler plate to occupy the remaining space. Reusable filler plates are available from Service Parts.</li> <li>• <b>Order powerways</b> for field installation.</li> <li>• <b>Order New York City-version of base power-in.</b></li> <li>• <b>Order Steelcase receptacles.</b></li> </ul>	<ul style="list-style-type: none"> <li>• Connection to building power supply</li> </ul>
<b>Worksurface Requirements</b>	<b>Utility modules</b> must be hardwired in the field.  <b>Code</b> does not allow use of cord-and-plug devices in commercial buildings. This includes: <ul style="list-style-type: none"> <li>• Power strips</li> <li>• Grommet convenience receptacles</li> <li>• Panel-supported receptacles</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Order hardwire-version of utility module.</b></li> </ul>	<ul style="list-style-type: none"> <li>• Face plate</li> <li>• Wires</li> <li>• Fittings</li> <li>• Connection to building power</li> </ul>
<b>Lighting Requirements</b>	<b>Lights</b> cannot require tools to install.  <b>Light harnesses</b> are prohibited.	  <ul style="list-style-type: none"> <li>• <b>Order shelf lights</b>, which require no tools to install.</li> <li>• <b>Order special hardware package</b> to install Utility2 shelf lights beneath transaction worksurfaces without the use of tools. Available from Customer Service.</li> </ul>	



# Special Requirements for Los Angeles

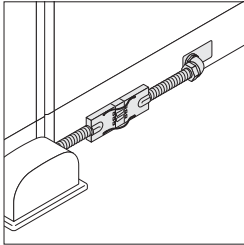
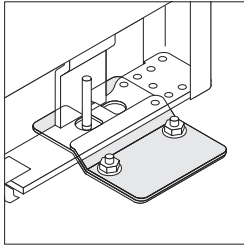
Including California OSHPD

Special Requirements  
for Los Angeles

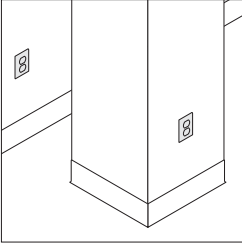
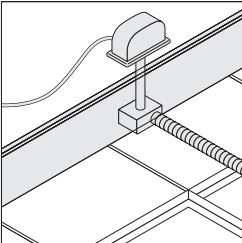
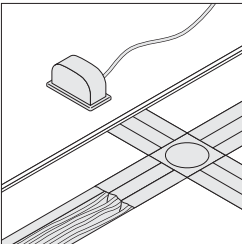
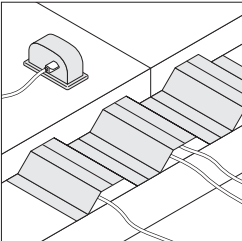
## Los Angeles

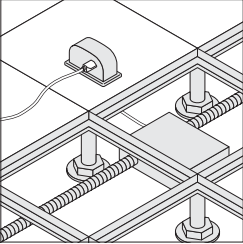
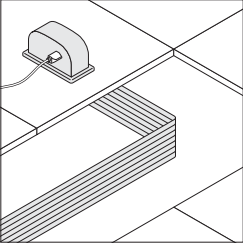
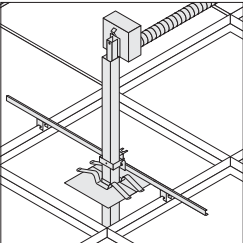
	Los Angeles code	Specification:	Electrician will supply:
<b>Panel Requirements</b>	<b>Code</b> prohibits concealed cords.		
<b>Worksurface Requirements</b>	<p><b>Utility modules</b> must be hardwired in the field.</p> <p><b>Code</b> does not allow use of cord-and-plug devices in commercial buildings. This includes:</p> <ul style="list-style-type: none"> <li>• Power strips</li> <li>• Grommet convenience receptacles</li> <li>• Panel-supported receptacles</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Order hardwire-version of utility module.</b></li> </ul>	<ul style="list-style-type: none"> <li>• Face plate</li> <li>• Wires</li> <li>• Fittings</li> <li>• Connection to building power</li> </ul>
<b>Lighting Requirements</b>	<p><b>Lights</b> cannot require tools to install.</p> <p><b>Light harnesses</b> are prohibited.</p>	<ul style="list-style-type: none"> <li>• <b>Order shelf lights</b>, which require no tools to install.</li> </ul>	

## California OSHPD

	California OSHPD	Specification:
<b>Panel Requirements</b>	<p><b>In California</b>, the Office of Statewide Health Planning and Development (OSHPD) requires special power-in connections that will reduce the chance of a hazard if panels are disturbed during an earthquake. The rules are mandated for healthcare facilities only. There are two products that can be used to meet OSHPD requirements.</p>	<div>  <p><b>Breakaway base power-in</b> features a connector that interrupts the power supply if the panel tips.</p> </div> <div>  <p><b>Anchor bracket</b> attaches to panel glide and secures the panel to the floor at a power entry point—where the power pole or power-in is attached. Anchor bracket prevents panel movement and possible damage to the electrical connection.</p> </div> <ul style="list-style-type: none"> <li>• <b>Order breakaway base power-in</b> for panels connected to power-ins.</li> <li>• <b>Order anchor bracket</b> for panels that are 75"H and are connected to power poles or power-ins.</li> </ul>

# Understanding Building Wiring

System	Characteristics	Advantages	Disadvantages	Comments
<b>Fixed Wall and Column</b> 	<ul style="list-style-type: none"> <li>Common to most buildings.</li> <li>Power and telecommunication run through permanent walls to wall receptacles.</li> </ul>	<ul style="list-style-type: none"> <li>Low cost for initial installation.</li> <li>Provides power in corridors and small rooms.</li> </ul>	<ul style="list-style-type: none"> <li>Must be used with other systems to reach areas away from walls.</li> <li>Moving wall receptacles is difficult and expensive.</li> </ul>	<ul style="list-style-type: none"> <li>Workstation layout depends on location of wall receptacles and must be carefully planned.</li> <li>Usually used with other systems such as poke through or flat wiring.</li> </ul>
<b>Poke Through</b> 	<ul style="list-style-type: none"> <li>Wiring concealed in ceiling space of floor below and fed through holes in floor.</li> <li>Electrical receptacles and telecommunications outlets located in floor-attached monuments.</li> </ul>	<ul style="list-style-type: none"> <li>More flexible than underfloor duct because wires can be pulled up at any location.</li> </ul>	<ul style="list-style-type: none"> <li>High relocation costs.</li> <li>Moving junction boxes requires cutting a hole through the floor—a process called coring.</li> <li>Moving junction boxes can disrupt work on two floors.</li> <li>Monuments can cause people to trip.</li> </ul>	<ul style="list-style-type: none"> <li>Not accepted by some local fire codes.</li> <li>May weaken floor slab.</li> <li>Flexibility dependent on building structure.</li> <li>Pedestals can conceal monuments.</li> </ul>
<b>Underfloor Duct</b> 	<ul style="list-style-type: none"> <li>Ducts or continuous channels encased in floor slab.</li> </ul>	<ul style="list-style-type: none"> <li>Low life-cycle costs.</li> <li>Easy access for relocation.</li> <li>Relocation causes little disruption.</li> </ul>	<ul style="list-style-type: none"> <li>Flexibility limited to specific access points.</li> </ul>	<ul style="list-style-type: none"> <li>Increasing wire and cable requirements may exceed capabilities of existing system.</li> </ul>
<b>Cellular Floor</b> 	<ul style="list-style-type: none"> <li>Underfloor system with large-capacity, divided distribution cells for electrical and telecommunication wiring.</li> <li>Wiring runs perpendicular to the trench header, a special duct that cuts across all the cells and provides access.</li> </ul>	<ul style="list-style-type: none"> <li>Inconspicuous.</li> <li>Electrical and telecommunication systems run together to the workstation.</li> <li>Protects voice and data systems from interference and damage.</li> </ul>	<ul style="list-style-type: none"> <li>System can add to required length of wire or cable because of trench header-cell configuration.</li> </ul>	<ul style="list-style-type: none"> <li>Carpet tiles ease access to trench.</li> </ul>

System	Characteristics	Advantages	Disadvantages	Comments
<b>Access Flooring</b> 	<ul style="list-style-type: none"> <li>• Developed for mainframe computer rooms.</li> <li>• Modular floor panels raised above the slab on 6" to 36" high supports, and conduit and cables run beneath these floor panels.</li> <li>• Access through monument fixtures.</li> </ul>	<ul style="list-style-type: none"> <li>• Ease of access and rearrangement of wiring systems.</li> </ul>	<ul style="list-style-type: none"> <li>• May be noisy when walked on.</li> <li>• Requires stairs and ramps on building floor when added to existing facility.</li> </ul>	<ul style="list-style-type: none"> <li>• Smoke alarms and fire protection sprinklers may be required.</li> <li>• Use only carpet tiles or area rugs.</li> </ul>
<b>Flat Wiring</b> 	<ul style="list-style-type: none"> <li>• Access from wall or column. Power and signal cables run to workstation via flat wire and cable sandwiched between slab and carpet.</li> <li>• Outlets in transition boxes on top of carpet.</li> </ul>	<ul style="list-style-type: none"> <li>• Easy relocation.</li> <li>• Flexible.</li> <li>• Meets most capacity requirements.</li> <li>• Elements sold as one package.</li> </ul>	<ul style="list-style-type: none"> <li>• Heavy wheel traffic can cause signal interruption in data transmission wiring.</li> </ul>	<ul style="list-style-type: none"> <li>• Should not be used in areas susceptible to extreme dampness or water spillage.</li> <li>• Slab-on-grade installations, where concrete is poured directly on the ground, require careful preparation per manufacturer's instructions to ensure that moisture doesn't damage the system.</li> </ul>
<b>In-Ceiling Wiring</b> 	<ul style="list-style-type: none"> <li>• Conduit and cables run in space above suspended ceiling and are distributed to panels by power and cable poles.</li> </ul>	<ul style="list-style-type: none"> <li>• Low initial cost.</li> <li>• Very easy to move.</li> <li>• Little disruption during move.</li> <li>• Space usually accommodates large capacities.</li> </ul>	<ul style="list-style-type: none"> <li>• Power and cable poles used to route cables can detract from open-plan aesthetics.</li> </ul>	<ul style="list-style-type: none"> <li>• Cost for installation increases when ceiling space is used as return air plenum to meet fire-protection codes.</li> <li>• Ceiling-suspended cable trays should be considered for communications wiring.</li> </ul>

# Cable Capacities

**Test and verify capacities** for your individual situation. We recommend that testing be conducted using your specific cable as well as the furniture configuration you are considering. Cable capacities in this table are based on non-plenum-rated cables installed by a cable contractor under ideal conditions. Figures are approximations. Actual capacities may vary slightly depending on which manufacturer produced the cable and the specific field conditions.

## Cat 6 Test Cables

**A Systimax Solutions 1071**  
OD=0.215"

**B Systimax Solutions 1081**  
OD=0.250"

**C Systimax Solutions 2071 Plenum**  
OD=0.195"

**D Systimax Solutions 2081 Plenum**  
OD=0.240"

**E Belden/Nordx Media Twist 1872A**  
OD=0.365" x 0.165"

**F Belden/Nordx Media Twist 1874A Plenum**  
OD=0.365" x 0.165"

**G Berk-Tek Lan-Mark 1000**  
OD=0.230"

**H Berk-Tek Lan-Mark 1000 Plenum**  
OD=0.225"

**I CommScope UltraMedia**  
OD=0.240"

**J General Cable Command LINX 6**  
OD=0.250"

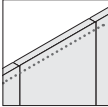
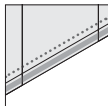
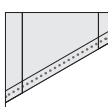
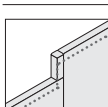
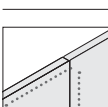
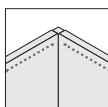
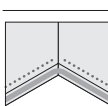
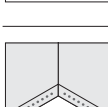
**K Mohawk GigaLAN**  
OD=0.240"

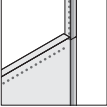
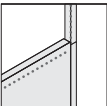
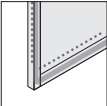
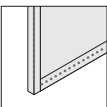
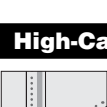
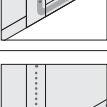
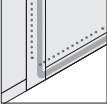
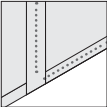
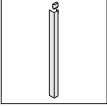
**L Nordx 4812LX**  
OD=0.245"

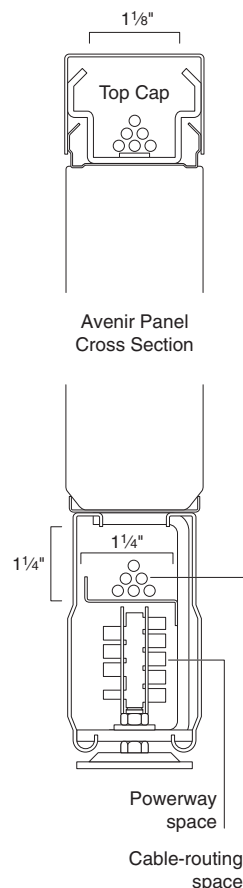
**M Nordx 4813X Plenum**  
OD=0.230"

## Cat 5 Test Cables

**N Berk-Tek 24 AWG CMR 4-Pair UTP\***  
OD=0.190"

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
<b>Straight</b>														
 Cable routing at top of panel	43 Hi 24 Med	38 Hi 16 Med	43 Hi 22 Med	38 Hi 19 Med	42 Hi 19 Med	45 Hi 20 Med	44 Hi 23 Med	38 Hi 19 Med	38 Hi 17 Med	37 Hi 19 Med	35 Hi 17 Med	40 Hi 21 Med	44 Hi 22 Med	56 Hi 30 Med
 Cable routing at base of panel <b>with</b> powerway	13	11	14	12	11	12	13	12	10	10	13	10	12	25
 Cable routing at base of panel <b>without</b> powerway	50	45	50	47	50	51	43	48	43	40	42	41	45	53
 Change-of-height cable routing at top of panel	33 Hi 18 Med	22 Hi 13 Med	30 Hi 17 Med	27 Hi 13 Med	25 Hi 17 Med	24 Hi 16 Med	23 Hi 15 Med	21 Hi 16 Med	23 Hi 14 Med	28 Hi 14 Med	23 Hi 13 Med	26 Hi 15 Med	30 Hi 17 Med	40 Hi 24 Med
 Vertical cable routing inside cable-management panel	13	11	13	12	13	13	12	9	9	10	12	8	9	30
<b>L, T, and X</b>														
 Cable routing at top of panel	19 <sup>L,T</sup> Hi 44 <sup>X</sup> Hi 14 <sup>L,T</sup> Med 25 <sup>X</sup> Med	18 <sup>L,T</sup> Hi 35 <sup>X</sup> Hi 11 <sup>L,T</sup> Med 18 <sup>X</sup> Med	17 <sup>L,T</sup> Hi 44 <sup>X</sup> Hi 12 <sup>L,T</sup> Med 26 <sup>X</sup> Med	16 <sup>L,T</sup> Hi 39 <sup>X</sup> Hi 11 <sup>L,T</sup> Med 18 <sup>X</sup> Med	15 <sup>L,T</sup> Hi 43 <sup>X</sup> Hi 10 <sup>L,T</sup> Med 21 <sup>X</sup> Med	15 <sup>L,T</sup> Hi 46 <sup>X</sup> Hi 12 <sup>L,T</sup> Med 21 <sup>X</sup> Med	13 <sup>L,T</sup> Hi 36 <sup>X</sup> Hi 12 <sup>L,T</sup> Med 20 <sup>X</sup> Med	12 <sup>L,T</sup> Hi 38 <sup>X</sup> Hi 12 <sup>L,T</sup> Med 20 <sup>X</sup> Med	17 <sup>L,T</sup> Hi 38 <sup>X</sup> Hi 12 <sup>L,T</sup> Med 19 <sup>X</sup> Med	17 <sup>L,T</sup> Hi 38 <sup>X</sup> Hi 12 <sup>L,T</sup> Med 19 <sup>X</sup> Med	13 <sup>L,T</sup> Hi 33 <sup>X</sup> Hi 11 <sup>L,T</sup> Med 18 <sup>X</sup> Med	15 <sup>L,T</sup> Hi 43 <sup>X</sup> Hi 11 <sup>L,T</sup> Med 20 <sup>X</sup> Med	19 <sup>L,T</sup> Hi 46 <sup>X</sup> Hi 12 <sup>L,T</sup> Med 23 <sup>X</sup> Med	30 <sup>L,T</sup> Hi 30 <sup>X</sup> Hi 16 <sup>L,T</sup> Med 16 <sup>X</sup> Med
 Cable routing at base of panel <b>with</b> powerway	13 <sup>L</sup> 13 <sup>T</sup> 26 <sup>X</sup>	11 <sup>L</sup> 11 <sup>T</sup> 22 <sup>X</sup>	10 <sup>L</sup> 14 <sup>T</sup> 28 <sup>X</sup>	10 <sup>L</sup> 12 <sup>T</sup> 24 <sup>X</sup>	11 <sup>L</sup> 11 <sup>T</sup> 22 <sup>X</sup>	11 <sup>L</sup> 11 <sup>T</sup> 22 <sup>X</sup>	12 <sup>L</sup> 12 <sup>T</sup> 25 <sup>X</sup>	12 <sup>L</sup> 12 <sup>T</sup> 24 <sup>X</sup>	10 <sup>L</sup> 10 <sup>T</sup> 20 <sup>X</sup>	12 <sup>L</sup> 13 <sup>T</sup> 22 <sup>X</sup>	10 <sup>L</sup> 12 <sup>T</sup> 24 <sup>X</sup>	11 <sup>L</sup> 11 <sup>T</sup> 22 <sup>X</sup>	12 <sup>L</sup> 12 <sup>T</sup> 24 <sup>X</sup>	13 <sup>L</sup> 13 <sup>T</sup> 13 <sup>X</sup>
 Cable routing at base of panel <b>without</b> powerway	40 <sup>L</sup> 50 <sup>T</sup> 60 <sup>X</sup>	34 <sup>L</sup> 45 <sup>T</sup> 54 <sup>X</sup>	38 <sup>L</sup> 50 <sup>T</sup> 60 <sup>X</sup>	35 <sup>L</sup> 47 <sup>T</sup> 57 <sup>X</sup>	48 <sup>L</sup> 50 <sup>T</sup> 60 <sup>X</sup>	48 <sup>L</sup> 50 <sup>T</sup> 60 <sup>X</sup>	35 <sup>L</sup> 47 <sup>T</sup> 60 <sup>X</sup>	34 <sup>L</sup> 48 <sup>T</sup> 58 <sup>X</sup>	34 <sup>L</sup> 43 <sup>T</sup> 52 <sup>X</sup>	31 <sup>L</sup> 45 <sup>T</sup> 54 <sup>X</sup>	35 <sup>L</sup> 47 <sup>T</sup> 57 <sup>X</sup>	34 <sup>L</sup> 45 <sup>T</sup> 54 <sup>X</sup>	35 <sup>L</sup> 48 <sup>T</sup> 60 <sup>X</sup>	40 <sup>L</sup> 40 <sup>T</sup> 40 <sup>X</sup>

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
<b>Power Pole and Cable Pole</b>														
	6	3	5	4	4	4	5	3	4	4	4	3	4	10
	Hi	Hi	Hi	Hi	Hi	Hi	Hi	Hi	Hi	Hi	Hi	Hi	Hi	Hi
	6	3	5	4	4	4	5	3	4	4	4	3	4	10
	Med	Med	Med	Med	Med	Med	Med	Med	Med	Med	Med	Med	Med	Med
	11	7	8	7	7	7	6	7	7	7	8	5	6	20
	Hi	Hi	Hi	Hi	Hi	Hi	Hi	Hi	Hi	Hi	Hi	Hi	Hi	Hi
	11	7	8	7	7	7	6	7	7	7	8	5	6	20
	Med	Med	Med	Med	Med	Med	Med	Med	Med	Med	Med	Med	Med	Med
	8	6	8	6	6	6	6	6	6	7	6	6	8	10
	Hi	Hi	Hi	Hi	Hi	Hi	Hi	Hi	Hi	Hi	Hi	Hi	Hi	Hi
	18	14	18	16	15	15	18	14	14	12	16	12	16	21
	Med	Med	Med	Med	Med	Med	Med	Med	Med	Med	Med	Med	Med	Med
<b>High-Capacity (2" x 6") Power Pole and Cable Pole</b>														
	15	12	17	16	15	14	16	16	13	11	16	12	16	12
	Hi	Hi	Hi	Hi	Hi	Hi	Hi	Hi	Hi	Hi	Hi	Hi	Hi	Hi
	35	25	36	28	30	30	32	28	25	25	30	25	28	27
	Med	Med	Med	Med	Med	Med	Med	Med	Med	Med	Med	Med	Med	Med
<b>Vertical Wire Manager</b>														
	12	10	16	12	10	10	13	10	10	10	12	10	11	3
	Hi	Hi	Hi	Hi	Hi	Hi	Hi	Hi	Hi	Hi	Hi	Hi	Hi	Hi



**Wire separator** shown in the above drawing must be specified.

**Notes:**

OD = Outside diameter  
 Hi = Capacities with high top cap.  
 Med = Capacities with medium top cap.  
 1 = Capacities include powerway space and cable-routing space.  
 2 = Capacities can be doubled if routed in two directions. Capacity figures are based on routing in one direction.



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# Specifying Avenir



**Specifying Tips**

**196**

# Specifying Tips

## General Tips

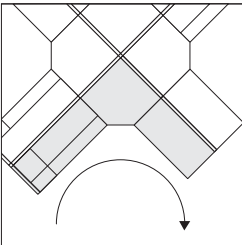
### Standard Includes

- Worksurface: laminate
- End panels, back panel, and pedestals
- Drawer pulls: paint
- Center drawer, if selected: paint
- Lock, if selected, keyed randomly: 9201 Polished Chrome
- One convenience tray in desks without drawer: 6000 Black plastic only
- One reference shelf per desk: 6000 Black plastic only
- One partition per drawer: black paint
- One compressor per file drawer: black

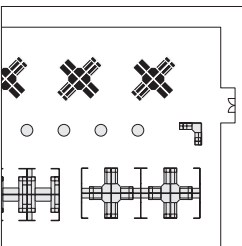
**Review** the features that are standard for each product before you begin to specify. You only need to include specifications for options, surface materials, and colors when you want a substitute for the standard.

To ensure that you do not overlook anything, approach the specifying process in a consistent order every time. Here are three common methods:

**Specify products according to their order** on the specifying pages.



**Specify all workstations using a formula-based pattern**, such as starting at the entrance to a workstation and moving clockwise.



**Specify each type of workstation** in your installation and then determine how many of each type are needed.

## Panels

**Specify** style numbers and surface materials for all panels.

*Tip: For most fabrics, fabric application is standard in the warp horizontal direction.*

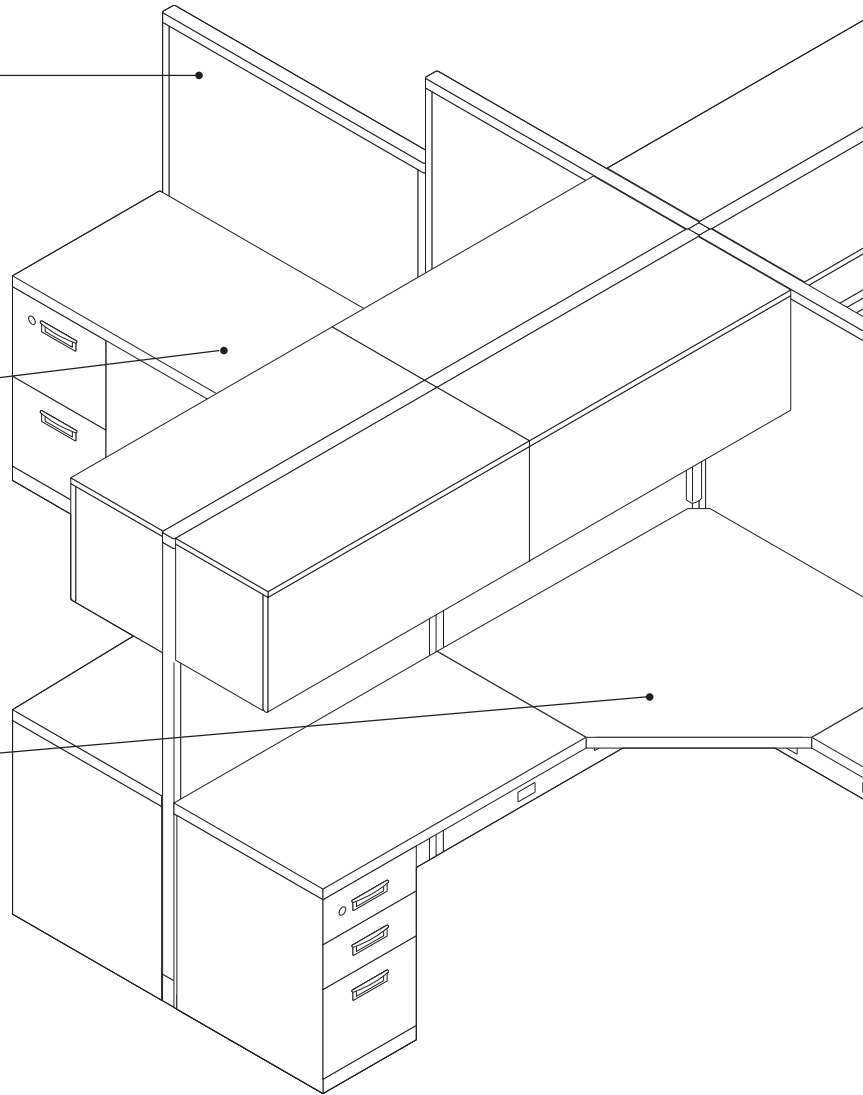
► See *Specification Guidelines for Vertical Fabric Applications*, page 356, for details on these exceptions. Warp vertical is available as an option.

**Keep track** of panels that require power and list panels with power separately because they'll have a different style number.

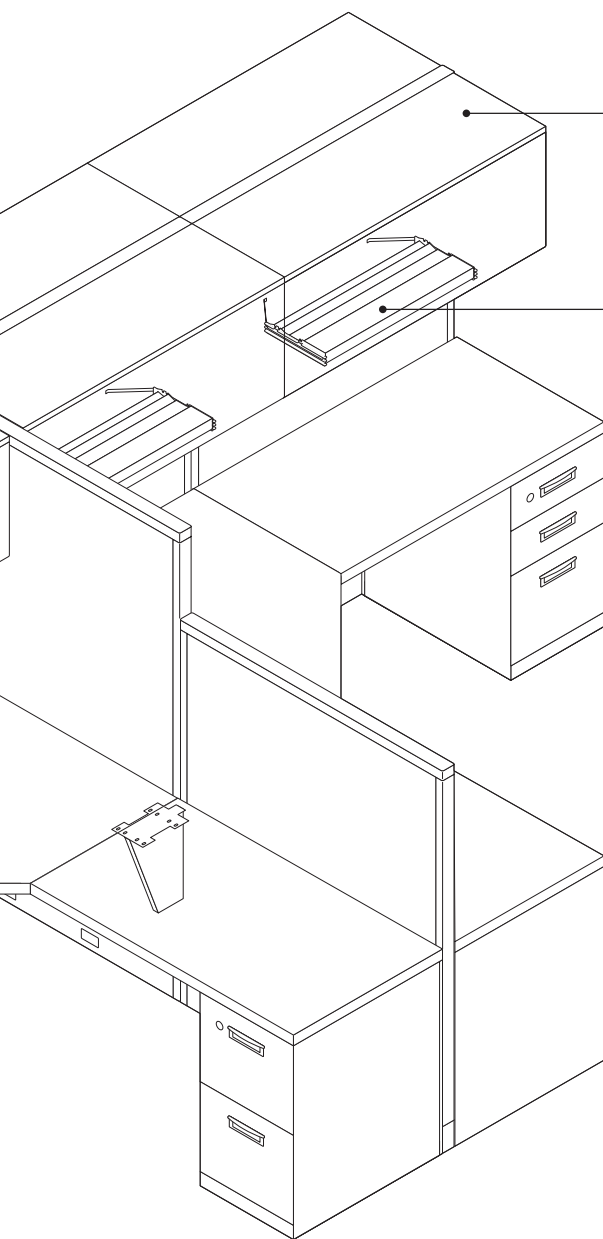
**Specify** panel connector packages, fillers, and change-of-height panel connectors when an application requires them.

## Worksurfaces

**Specify** style numbers and surface materials for all worksurface packages. Some supports can be ordered by changing the worksurface style number suffix. Other supports must be ordered separately with their own style number. Also specify options such as grommets, worksurface wiring and cabling accessories, and any specific keying information.







### Storage

**Specify** storage component style numbers, surface materials, and any specific keying information.

### Lighting

**Specify** style numbers of lights.

### Wiring & Cabling

**If you specified** with power as you ordered your panels, the only things left to specify are power-ins, power and cable poles (if desired), and receptacles.

### Example of Order

Here's what the specification would be like for the installation shown at the left.

Qty.	Style No.	Description
<b>Panels</b>		
2	MPNTM6530	64 <sup>11</sup> / <sub>16</sub> "H x 30 <sup>5</sup> / <sub>16</sub> "W non-tackable panels sides 1 & 2: fabric frame: paint
2	MPNTM5330	52 <sup>3</sup> / <sub>8</sub> "H X 30 <sup>5</sup> / <sub>16</sub> "W non-tackable panels sides 1 & 2: fabric frame: paint
4	MPTAM6530P4	64 <sup>11</sup> / <sub>16</sub> "H X 30 <sup>5</sup> / <sub>16</sub> "W tackable acoustical panel with factory-installed powerways side 1: fabric side 2: fabric frame: paint
2	PC6553	Change-of-height panel connector trim: paint
<b>Worksurfaces</b>		
8	PWRC3024	30"W x 24"D straight worksurfaces: laminate
4	PCWRC3624	36"W x 24"D corner curvilinear worksurfaces: laminate
8	PCSB18S	shared cantilevers: paint
<b>Storage</b>		
4	MU2824FF	file/file pedestals: paint
4	MU2824BBF	box/box/file pedestals: paint
8	MBB3016	overhead storage bins: paint
<b>Lighting</b>		
8	LSM24KD	25"W standard shelf lights with daisy chain cords, black
4	LS1FSC	daisy chain starter cords
<b>Wiring and Cabling</b>		
1 ctn	986831DA15S	line 1 duplex receptacles
1 ctn	986832DA15S	line 2 duplex receptacles
1 ctn	986833DA15S	line 3 duplex receptacles
1	98669	base power-in
4	VWM18	vertical wire managers: plastic
1 ctn	98767	cord reels



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# Specifying Panels

## Panels

Cable-Management Panel Options for Tackable Acoustical Panels	200
Tackable Acoustical Panels	202
Transparent Panels	204
Half-Glass, Half-Fabric Transparent Panels	206
Tackable Fabric-Covered Panel Stackers	208
Glass Panel Stackers	210
Panel Door with Frame	212
Tackable Acoustical Fabric-Covered Replacement Skins	213

## Panel Connectors

214

## Filler Packages

218

## Panel Brackets

222

## Panel Accessories

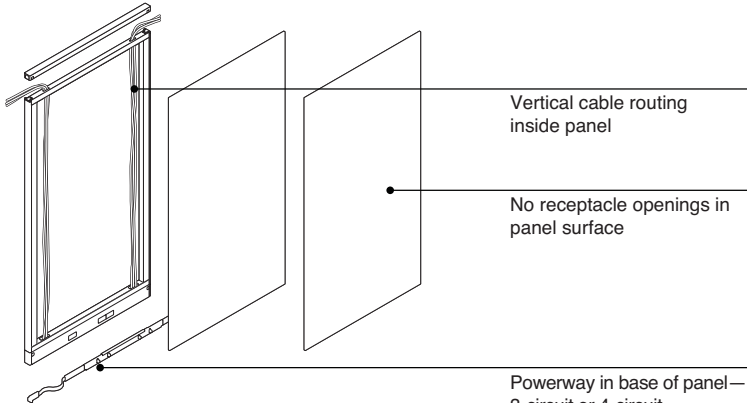
223

## Panel Wiring and Cabling

225

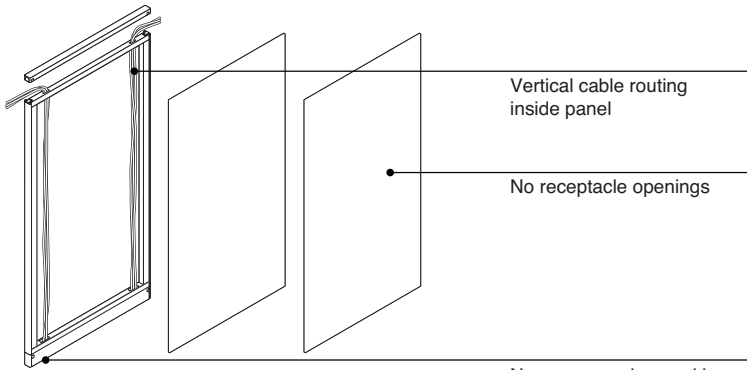
# Cable-Management Panel Options for Tackable Acoustical Panels

## With Powerway in Base

Cable-Management Panel Option Choices				
Vertical cable routing only	Product Details	Use		
	Vertical cable routing inside panel	<ul style="list-style-type: none"><li>Use this choice in applications where you want to route cables vertically inside the panel and where you want to extend a power distribution network through a run of panels.</li></ul> <p><b>How to Specify</b></p> <ol style="list-style-type: none"><li>1 Specify a tackable acoustical panel with factory-installed powerway (suffix P3 or P4).</li><li>2 Next, select <b>options</b> and then choose <b>surface options</b>.</li><li>3 Next, select <b>cable-management surfaces</b>.</li><li>4 Next, select <b>plain cable-management surfaces</b>.</li></ol> <p><i>Tip: Plain surfaces on cable-management panels have no receptacle openings, but the surface is notched at the bottom to avoid blocking the cable routing channels.</i></p> <p><i>Tip: Remember to order cable knockouts for medium top caps to accommodate cable routing.</i></p>		
	No receptacle openings in panel surface			
	Powerway in base of panel—3-circuit or 4-circuit			

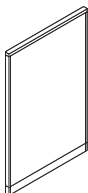
**Not for use in NYC**  
▶ See page 188

## Without Powerway in Base

Cable-Management Panel Option Choices				
Vertical cable routing only	Product Details	Use		
	Vertical cable routing inside panel	<ul style="list-style-type: none"><li>Use this choice in applications where you need to route cables vertically inside a panel, but power distribution and receptacles are not needed.</li></ul> <p><b>How to Specify</b></p> <ol style="list-style-type: none"><li>1 Specify a tackable acoustical panel without factory-installed powerway.</li><li>2 Next, select <b>options</b> and then choose <b>surface options</b>.</li><li>3 Next, select <b>cable-management surfaces</b>.</li><li>4 Next, select <b>plain cable-management surfaces</b> on both sides of the panel.</li></ol> <p><i>Tip: Plain surfaces on cable-management panels have no receptacle openings, but the surface is notched at the bottom to avoid blocking the cable routing channels.</i></p> <p><i>Tip: Remember to order cable knockouts for medium top caps to accommodate cable routing.</i></p>		
	No receptacle openings			
	No powerway in panel base			



# Tackable Acoustical Panels



*Tip: To price a panel with two surface materials in different price groups, add the two fabric price group option prices together and divide by 2; then add the result to the panel base price.*

*Tip: If you want the panel fabric to match the fabric on panel end trim, change-of-height panel connectors, power poles, cable poles, or fillers, check to see that the fabric you want is available on that product before you specify the panel fabric. Some fabrics are not available because they are not suitable for wrapping thin pieces.*

*\*Tip: For most fabrics, fabric application is standard in the warp horizontal direction.*  
 ▶ See *Specification Guidelines for Vertical Fabric Applications*, page 356, for details on these exceptions. Warp vertical is available as an option.

*Tip: Replacement panel surfaces are available as standard product. The top cap, end trim, and base cover can remain in place during the replacement process. Special tools are not required. Adjacent panels are not disrupted.*

*Tip: 80½"H fabric-covered end trims are available in the warp vertical application only.*

Standard Includes	Required to Specify
▶ Need help? Product details, page 12	1 Style number 2 Fabric color number for surface 1 3 Fabric color number for surface 2 4 Paint color number for top cap, end trim, and base covers 5 Options, if selected (see below) ▶ See <i>Surface Materials</i> , page 336.
<ul style="list-style-type: none"> <li>Fabric direction with horizontal application*:</li> <li>fabric price group 1</li> <li>80½"H panel, fabric direction with vertical application: fabric price group 1</li> <li>Top cap, end trim, and base covers with receptacle knockouts: all paint price groups</li> <li>Top cap height: medium</li> <li>Universal connector package</li> </ul>	

	Options	U.S. Price	Required to Specify
Surface Materials	<b>Panel surface</b>		
	• Fabric price group 1	No cost	Specify fabric color number.
	• Fabric price group 2	+\$ 40	Specify fabric color number.
	• Fabric price group 3	+\$106	Specify fabric color number.
	• Fabric price group 4	+\$170	Specify fabric color number.
	• Fabric price group 5	+\$264	Specify fabric color number.
	• Fabric price group COM	+\$ 34	▶ See <i>Surface Materials Reference Manual</i> to specify.
	<b>Fabric direction on panel</b>		
	• Vertical application	No cost	Specify with vertical application.
	<b>Top cap, end trim, and base covers</b>		
	• Wood group 1 on low or medium top cap only	+\$170	Specify with wood top cap and select wood color number.
	• Customiz stain on wood top cap	No cost	▶ See <i>Surface Materials Reference Manual</i> .
	• Fabric-covered end trim	+\$ 80 per side	Specify with fabric-covered end trim left-hand, right-hand, or both and select fabric color number.
	<b>Fabric direction on end trim</b>		
	• Horizontal application (standard)	No cost	Specify with horizontal application.
	• Vertical application	No cost	Specify with vertical application.
<b>Top Cap</b>	<b>Height</b>		
▶ Page 24	• Low (reduces panel height by ¾")	No cost	Replace second <b>M</b> in style number with <b>L</b> .
	<b>Knockouts</b>		
	• Cable knockout on medium top cap	No cost	Specify top cap with knockout.
<b>Electrical</b>	<b>Factory-installed powerway</b>		
▶ Pages 40–48	• 3-circuit powerway with shared neutral	+\$253	Add suffix <b>P3</b> to panel style number.
	• 3-circuit powerway with separate neutral	+\$304	Add suffix <b>P3</b> to panel style number and specify with separate neutral.
	• 4-circuit (3+D) powerway	+\$297	Add suffix <b>P4</b> to panel style number.
	• 4-circuit (3I+1) powerway	+\$356	Add suffix <b>P4</b> to panel style number and specify with 3I+1 wiring.
	• 4-circuit (2+2) powerway	+\$356	Add suffix <b>P4</b> to panel style number and specify with 2+2 wiring.
	<b>Field-installed powerway</b>		
	• For use in New York City	No cost	▶ Must specify powerway for field installation only, page 231, and specify non-powered panel with power base covers.
	<b>Factory-installed wire separator</b>		
		+\$ 32	Specify with wire separator.

▶ Options, continued on next page



**For Canadian Pricing**  
 Multiply U.S. Price by the Canadian price factor.  
 ▶ See page 1 for details.

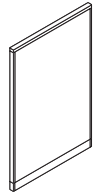
## ► Options, continued from previous page

Options	U.S. Price	Required to Specify
<b>Cable-Management Panel with Powerway</b> ► Page 200	Vertical cable routing only +\$10	① Specify a panel with factory-installed powerway in the base (see previous page). ② Specify <i>plain cable-management surfaces on both sides of the panel</i> .
<b>Cable-Management Panel without Powerway</b> ► Page 200	Vertical cable routing only +\$10	① Specify a panel <b>without</b> factory-installed powerway. ② Specify <i>plain cable-management surfaces on both sides of the panel</i> .
<b>Related</b>	Panel connectors Panel brackets Panel accessories Panel wiring and cabling	► Page 214 ► Page 222 ► Page 223 ► Page 225

Tip: Cable-management option is not available on 18<sup>5</sup>/<sub>16</sub>"W panels.

Tip: Remember to order cable knockouts for medium top caps (see previous page) to accommodate cable routing.

Tip: 33"H panels are not available with cable management options.

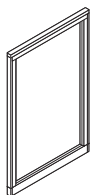


## Specification Information

Width	Style Number	U.S. Base Price	Style Number	U.S. Base Price	Style Number	U.S. Base Price
<b>33"H</b>			<b>41<sup>1</sup>/<sub>4</sub>"H</b>		<b>52<sup>3</sup>/<sub>8</sub>"H</b>	
18 <sup>5</sup> / <sub>16</sub> "	<b>MPTAM3318</b>	\$ 829	<b>MPTAM4118</b>	\$ 829	<b>MPTAM5318</b>	\$ 932
24 <sup>5</sup> / <sub>16</sub> "	<b>MPTAM3324</b>	\$ 841	<b>MPTAM4124</b>	\$ 841	<b>MPTAM5324</b>	\$ 936
30 <sup>5</sup> / <sub>16</sub> "	<b>MPTAM3330</b>	\$ 900	<b>MPTAM4130</b>	\$ 900	<b>MPTAM5330</b>	\$1001
36 <sup>5</sup> / <sub>16</sub> "	<b>MPTAM3336</b>	\$ 959	<b>MPTAM4136</b>	\$ 959	<b>MPTAM5336</b>	\$1055
42 <sup>5</sup> / <sub>16</sub> "	<b>MPTAM3342</b>	\$1050	<b>MPTAM4142</b>	\$1050	<b>MPTAM5342</b>	\$1153
48 <sup>5</sup> / <sub>16</sub> "	<b>MPTAM3348</b>	\$1144	<b>MPTAM4148</b>	\$1144	<b>MPTAM5348</b>	\$1248
60 <sup>9</sup> / <sub>16</sub> "	<b>MPTAM3360</b>	\$1431	<b>MPTAM4160</b>	\$1431	<b>MPTAM5360</b>	\$1546
<b>64<sup>11</sup>/<sub>16</sub>"H</b>			<b>80<sup>1</sup>/<sub>2</sub>"H</b>			
18 <sup>5</sup> / <sub>16</sub> "	<b>MPTAM6518</b>	\$1053	<b>MPTAM8018</b>	\$1460		
24 <sup>5</sup> / <sub>16</sub> "	<b>MPTAM6524</b>	\$1061	<b>MPTAM8024</b>	\$1470		
30 <sup>5</sup> / <sub>16</sub> "	<b>MPTAM6530</b>	\$1141	<b>MPTAM8030</b>	\$1561		
36 <sup>5</sup> / <sub>16</sub> "	<b>MPTAM6536</b>	\$1202	<b>MPTAM8036</b>	\$1668		
42 <sup>5</sup> / <sub>16</sub> "	<b>MPTAM6542</b>	\$1313	<b>MPTAM8042</b>	\$1829		
48 <sup>5</sup> / <sub>16</sub> "	<b>MPTAM6548</b>	\$1422	<b>MPTAM8048</b>	\$1977		
60 <sup>9</sup> / <sub>16</sub> "	<b>MPTAM6560</b>	\$1766				

 **For Canadian Pricing**  
Multiply U.S. Price by the Canadian price factor.  
► See page 1 for details.

# Transparent Panels



*Tip: If you want the panel fabric to match the fabric on change-of-height panel connectors, power poles, cable poles, or fillers, check to see that the fabric you want is available on that product before you specify the panel fabric. Some fabrics are not available because they are not suitable for wrapping thin pieces.*

*\*Tip: For most fabrics, fabric application is standard in the warp horizontal direction. ▶ See Specification Guidelines for Vertical Fabric Applications, page 356, for details on these exceptions. Warp vertical is available as an option.*

*Tip: 80½"H fabric-covered end trims are available in the warp vertical application only.*

Standard Includes		Required to Specify
▶ Need help? Product details, page 16	• Panel insert: 6500 Clear tempered glass	1 Style number
	• Top cap, frame surface, end trim, and base covers with receptacle knockouts: all paint price groups	2 Paint color number for top cap, frame surface, end trim, and base covers
	• Top cap height: medium	3 Options, if selected (see below)
	• Universal connector package	▶ See <i>Surface Materials</i> , page 336.

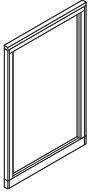
  

Options	U.S. Price	Required to Specify
<b>Surface Materials</b>		
<b>Top cap, frame surface, end trim, and base covers</b>		
• Wood group 1 on low or medium top cap only	+\$170	Specify with <i>wood top cap</i> and select wood color number.
• Customiz stain on wood top cap	No cost	▶ See <i>Surface Materials Reference Manual</i> .
• Fabric-covered end trim	+\$ 80 per side	Specify with <i>fabric-covered end trim left-hand, right-hand, or both</i> and select fabric color number.
<b>Fabric direction for end trim on 64<sup>11</sup>/<sub>16</sub>"H and shorter panels*</b>		
• Horizontal application (standard)	No cost	Specify with <i>horizontal application</i> .
• Vertical application	No cost	Specify with <i>vertical application</i> .
<b>Top Cap</b>		
▶ Page 24		
<b>Height</b>		
• Low (reduces panel height by ¾")	No cost	Replace second <b>M</b> in style number with <b>L</b> .
<b>Knockouts</b>		
• Cable knockout on medium top cap	No cost	Specify <i>top cap with knockout</i> .
<b>Electrical</b>		
▶ Pages 40–48		
<b>Factory-installed powerway</b>		
• 3-circuit powerway with shared neutral	+\$253	Add suffix <b>P3</b> to panel style number.
• 3-circuit powerway with separate neutral	+\$304	Add suffix <b>P3</b> to panel style number and specify with <i>separate neutral</i> .
• 4-circuit (3+D) powerway	+\$297	Add suffix <b>P4</b> to panel style number.
• 4-circuit (3I+1) powerway	+\$356	Add suffix <b>P4</b> to panel style number and specify with <i>3I+1 wiring</i> .
• 4-circuit (2+2) powerway	+\$356	Add suffix <b>P4</b> to panel style number and specify with <i>2+2 wiring</i> .
<b>Field-installed powerway</b>		
• For use in New York City	No cost	▶ Must specify powerway for field installation only, page 231, and specify <i>non-powered panel with power base covers</i> .
<b>Factory-installed power base covers</b>		
• For use in Chicago	No cost	Specify with <i>Chicago power base covers</i> . (For 30"W panels only.)
<b>Factory-installed wire separator</b>		
	+\$ 32	Specify with <i>wire separator</i> .
<b>Related Products</b>		
• Panel connectors		▶ Page 214
• Panel brackets		▶ Page 222
• Panel accessories		▶ Page 223
• Panel wiring and cabling		▶ Page 225



**For Canadian Pricing**  
Multiply U.S. Price by the Canadian price factor.  
▶ See page 1 for details.





### Specification Information

Width	Style Number	U.S. Base Price	Style Number	U.S. Base Price
<b>64<sup>11</sup>/<sub>16</sub>"H</b>			<b>80<sup>1</sup>/<sub>2</sub>"H</b>	
24 <sup>5</sup> / <sub>16</sub> "	<b>MPSGM6524</b>	\$1533	<b>MPSGM8024</b>	\$1812
30 <sup>5</sup> / <sub>16</sub> "	<b>MPSGM6530</b>	\$1676	<b>MPSGM8030</b>	\$1967
36 <sup>5</sup> / <sub>16</sub> "	<b>MPSGM6536</b>	\$1810	<b>MPSGM8036</b>	\$2120
42 <sup>5</sup> / <sub>16</sub> "	<b>MPSGM6542</b>	\$1949	<b>MPSGM8042</b>	\$2271
48 <sup>5</sup> / <sub>16</sub> "	<b>MPSGM6548</b>	\$2087	<b>MPSGM8048</b>	\$2424
.	.	.	.	.

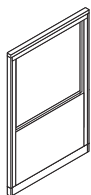


#### For Canadian Pricing

Multiply U.S. Price by the Canadian price factor.

► See page 1 for details.

# Half-Glass, Half-Fabric Transparent Panels



*Tip: If you want the panel fabric to match the fabric on change-of-height panel connectors, power poles, cable poles, or fillers, check to see that the fabric you want is available on that product before you specify the panel fabric. Some fabrics are not available because they are not suitable for wrapping thin pieces.*

*\*Tip: For most fabrics, fabric application is standard in the warp horizontal direction.*

► See *Specification Guidelines for Vertical Fabric Applications*, page 356, for details on these exceptions. Warp vertical is available as an option.

*Tip: 80"H fabric-covered end trims are available in the warp vertical application only. If they are specified, be sure to select vertical application on the panel surfaces.*

Standard Includes	Required to Specify
<p>► Need help? Product details, page 18</p> <ul style="list-style-type: none"> <li>Panel with two surfaces, fabric direction with horizontal application*: fabric price group 1</li> <li>Panel insert: 6500 Clear tempered glass</li> <li>Top cap, frame surface, end trim, and base covers with receptacle knockouts: all paint price groups</li> <li>Top cap height: medium</li> <li>Universal connector package</li> </ul>	<p>1 Style number</p> <p>2 Paint color number for top cap, frame surface, end trim, and base covers</p> <p>3 Options, if selected (see below)</p> <p>► See <i>Surface Materials</i>, page 336.</p>

Options	U.S. Price	Required to Specify
<p><b>Surface Materials</b></p> <p><b>Panel surface</b></p> <ul style="list-style-type: none"> <li>Fabric price group 1</li> <li>Fabric price group 2</li> <li>Fabric price group 3</li> <li>Fabric price group 4</li> <li>Fabric price group 5</li> <li>Fabric price group COM</li> </ul> <p><b>Fabric direction on panels</b></p> <ul style="list-style-type: none"> <li>Vertical application</li> </ul> <p><b>Top cap, frame surface, end trim, and base covers</b></p> <ul style="list-style-type: none"> <li>Wood group 1 on low or medium top cap only</li> <li>Customiz stain on wood top cap</li> <li>Fabric-covered end trim</li> </ul> <p><b>Fabric direction for end trim on 64<sup>11</sup>/<sub>16</sub>"H and shorter panels*</b></p> <ul style="list-style-type: none"> <li>Horizontal application (standard)</li> <li>Vertical application</li> </ul>	<p>No cost</p> <p>+\$ 40</p> <p>+\$106</p> <p>+\$170</p> <p>+\$264</p> <p>+\$ 34</p> <p>No cost</p> <p>+\$170</p> <p>No cost</p> <p>+\$ 80 per side</p> <p>No cost</p> <p>No cost</p>	<p>Specify fabric color number.</p> <p>Specify fabric color number.</p> <p>Specify fabric color number.</p> <p>Specify fabric color number.</p> <p>► See <i>Surface Materials Reference Manual</i>.</p> <p>Specify with vertical application.</p> <p>Specify with wood top cap and select wood color number.</p> <p>► See <i>Surface Materials Reference Manual</i>.</p> <p>Specify with fabric-covered end trim left-hand, right-hand, or both and select fabric color number.</p> <p>Specify with horizontal application.</p> <p>Specify with vertical application.</p>
<p><b>Top Cap</b></p> <p>► Page 24</p> <p><b>Height</b></p> <ul style="list-style-type: none"> <li>Low (reduces panel height by 3/4")</li> </ul> <p><b>Knockouts</b></p> <ul style="list-style-type: none"> <li>Cable knockout on medium top cap</li> </ul>	<p>No cost</p> <p>No cost</p>	<p>Replace second <b>M</b> in style number with <b>L</b>.</p> <p>Specify top cap with knockout.</p>

► Options, continued on next page



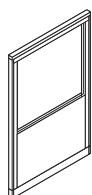
**For Canadian Pricing**  
Multiply U.S. Price by the Canadian price factor.  
► See page 1 for details.

► Options, continued from previous page

	Options	U.S. Price	Required to Specify
<b>Electrical</b> ► Pages 40–48	<b>Factory-installed powerway</b>		
	• 3-circuit powerway with shared neutral	+\$253	Add suffix <b>P3</b> to panel style number.
	• 3-circuit powerway with separate neutral	+\$304	Add suffix <b>P3</b> to panel style number and specify <i>with separate neutral</i> .
	• 4-circuit (3+D) powerway	+\$297	Add suffix <b>P4</b> to panel style number.
	• 4-circuit (3I+1) powerway	+\$356	Add suffix <b>P4</b> to panel style number and specify <i>with 3I+1 wiring</i> .
	• 4-circuit (2+2) powerway	+\$356	Add suffix <b>P4</b> to panel style number and specify <i>with 2+2 wiring</i> .
	<b>Field-installed powerway</b>		
	• For use in New York City	No cost	► Must specify powerway for field installation only, page 231, and specify <i>non-powered panel with power base covers</i> .
	<b>Factory-installed power base covers</b>		
	• For use in Chicago	No cost	Specify <i>with Chicago power base covers</i> . (For 30"W panels only.)
	<b>Factory-installed wire separator</b>		
		+\$ 32	Specify <i>with wire separator</i> .
<b>Related Products</b>	<ul style="list-style-type: none"> <li>• Panel connectors</li> <li>• Panel brackets</li> <li>• Panel accessories</li> <li>• Panel wiring and cabling</li> </ul>		<ul style="list-style-type: none"> <li>► Page 214</li> <li>► Page 222</li> <li>► Page 223</li> <li>► Page 225</li> </ul>

Specification Information

Width	Style Number	U.S. Base Price	Style Number	U.S. Base Price
	<b>64<sup>11</sup>/<sub>16</sub>"H</b>		<b>80<sup>1</sup>/<sub>2</sub>"H</b>	
24 <sup>5</sup> / <sub>16</sub> "	<b>MPHGM6524</b>	\$1918	<b>MPHGM8024</b>	\$2185
30 <sup>5</sup> / <sub>16</sub> "	<b>MPHGM6530</b>	\$2060	<b>MPHGM8030</b>	\$2322
36 <sup>5</sup> / <sub>16</sub> "	<b>MPHGM6536</b>	\$2193	<b>MPHGM8036</b>	\$2494
42 <sup>5</sup> / <sub>16</sub> "	<b>MPHGM6542</b>	\$2424	<b>MPHGM8042</b>	\$2624
48 <sup>5</sup> / <sub>16</sub> "	<b>MPHGM6548</b>	\$2554	<b>MPHGM8048</b>	\$2772
:	:	:	:	:



  
**For Canadian Pricing**  
Multiply U.S. Price by the  
Canadian price factor.  
► See page 1 for details.

# Tackable Fabric-Covered Panel Stackers

\*Tip: For most fabrics, fabric application is standard in the warp horizontal direction.  
 ▶ See *Specification Guidelines for Vertical Fabric Applications*, page 356, for details on these exceptions. Warp vertical is available as an option.

Standard Includes		Required to Specify	
▶ Need help? Product details, page 20	<ul style="list-style-type: none"> <li>Tackable stacker with two of the same fabric surfaces, fabric direction with horizontal application*:</li> <li>fabric price group 1</li> <li>Trim: all paint price groups</li> <li>Two stacking attachment brackets</li> </ul>	1 Style number 2 Fabric color number for panel surface 3 Paint color number for trim 4 Options, if selected (see below) ▶ See <i>Surface Materials</i> , page 336.	
Options	U.S. Price	Required to Specify	
<b>Surface Materials</b> <b>Panel surface</b> <ul style="list-style-type: none"> <li>Fabric price group 1</li> <li>Fabric price group 2</li> <li>Fabric price group 3</li> <li>Fabric price group 4</li> <li>Fabric price group 5</li> <li>Fabric price group COM</li> </ul>	No cost +\$ 43 +\$106 +\$172 +\$266 +\$ 40	Specify fabric color number. Specify fabric color number. Specify fabric color number. Specify fabric color number. Specify fabric color number. ▶ See <i>Surface Materials Reference Manual</i> to specify.	
	<b>Fabric direction</b> <ul style="list-style-type: none"> <li>Vertical application</li> </ul>	No cost	Specify with vertical application.
<b>Related Products</b>	<ul style="list-style-type: none"> <li>Tackable acoustical panels</li> </ul>	▶ Page 202	

## Specification Information

Width	Style Number	U.S. Base Price
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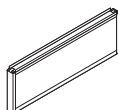
### 11"H Stackers (For Stacking 41"H Base Panel to 53"H Base Panel)

18"	<b>MPTAS1118</b>	\$765
24"	<b>MPTAS1124</b>	\$786
30"	<b>MPTAS1130</b>	\$791
36"	<b>MPTAS1136</b>	\$809
42"	<b>MPTAS1142</b>	\$819
48"	<b>MPTAS1148</b>	\$831
60"	<b>MPTAS1160</b>	\$847
:	:	:

### 12"H Stackers (For Stacking 53"H Base Panel to 65"H Base Panel)

18"	<b>MPTAS1218</b>	\$766
24"	<b>MPTAS1224</b>	\$787
30"	<b>MPTAS1230</b>	\$797
36"	<b>MPTAS1236</b>	\$811
42"	<b>MPTAS1242</b>	\$821
48"	<b>MPTAS1248</b>	\$834
60"	<b>MPTAS1260</b>	\$854
:	:	:

▶ **Specification Information, continued on next page**



**For Canadian Pricing**  
 Multiply U.S. Price by the Canadian price factor.  
 ▶ See page 1 for details.

► Specification Information, continued from previous page

**Specification Information**

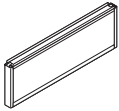
• Width	• Style Number	• U.S. Base Price
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**15"H Stackers (For Stacking 65"H Base Panel to 80"H Base Panel)**

18"	<b>MPTAS1518</b>	\$776
24"	<b>MPTAS1524</b>	\$801
30"	<b>MPTAS1530</b>	\$804
36"	<b>MPTAS1536</b>	\$821
42"	<b>MPTAS1542</b>	\$831
48"	<b>MPTAS1548</b>	\$845
60"	<b>MPTAS1560</b>	\$864
:	:	:

**24"H Stackers (For Stacking 41"H Base Panel to 65"H Base Panel)**

18"	<b>MPTAS2418</b>	\$821
24"	<b>MPTAS2424</b>	\$845
30"	<b>MPTAS2430</b>	\$847
36"	<b>MPTAS2436</b>	\$892
42"	<b>MPTAS2442</b>	\$903
48"	<b>MPTAS2448</b>	\$905
60"	<b>MPTAS2460</b>	\$929
:	:	:



**For Canadian Pricing**  
Multiply U.S. Price by the  
Canadian price factor.  
► See page 1 for details.

# Glass Panel Stackers

	Standard Includes	Required to Specify
► Need help? Product details, page 20	<ul style="list-style-type: none"> <li>Glass insert: 6500 Clear tempered glass</li> <li>Trim: paint price group 1</li> <li>Two stacking attachment brackets</li> </ul>	1 Style number 2 Paint color number for trim 3 Options, if selected (see below) ► See <i>Surface Materials</i> , page 336.

	Options	U.S. Price	Required to Specify
<b>Surface Materials</b>	<b>Glass</b> <ul style="list-style-type: none"> <li>Frosted Glass</li> </ul>	+\$136	Specify 6530 Frosted Glass.
<b>Related Products</b>	<ul style="list-style-type: none"> <li>Tackable acoustical panels</li> </ul>		► Page 202

Specification Information		
Width	Style Number	U.S. Base Price

## 11"H Stackers (For Stacking 41"H Base Panel to 53"H Base Panel)

18"	<b>MPSGS1118</b>	\$ 831
24"	<b>MPSGS1124</b>	\$ 851
30"	<b>MPSGS1130</b>	\$ 874
36"	<b>MPSGS1136</b>	\$ 889
42"	<b>MPSGS1142</b>	\$ 918
48"	<b>MPSGS1148</b>	\$ 924
60"	<b>MPSGS1160</b>	\$ 948

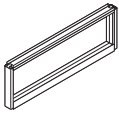
## 12"H Stackers (For Stacking 53"H Base Panel to 65"H Base Panel)

18"	<b>MPSGS1218</b>	\$ 837
24"	<b>MPSGS1224</b>	\$ 861
30"	<b>MPSGS1230</b>	\$ 880
36"	<b>MPSGS1236</b>	\$ 894
42"	<b>MPSGS1242</b>	\$ 929
48"	<b>MPSGS1248</b>	\$ 934
60"	<b>MPSGS1260</b>	\$ 964

## 15"H Stackers (For Stacking 65"H Base Panel to 80"H Base Panel)

18"	<b>MPSGS1518</b>	\$ 878
24"	<b>MPSGS1524</b>	\$ 913
30"	<b>MPSGS1530</b>	\$ 922
36"	<b>MPSGS1536</b>	\$ 941
42"	<b>MPSGS1542</b>	\$ 972
48"	<b>MPSGS1548</b>	\$ 978
60"	<b>MPSGS1560</b>	\$1013

► Specification Information, continued on next page



**For Canadian Pricing**  
 Multiply U.S. Price by the  
 Canadian price factor.  
 ► See page 1 for details.

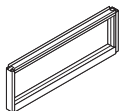
## ► Specification Information, continued from previous page

## Specification Information

Width	Style Number	U.S. Base Price
-------	-----------------	-----------------------

## 24"H Stackers (For Stacking 41"H Base Panel to 65"H Base Panel)

18"	<b>MPSGS2418</b>	\$ 916
24"	<b>MPSGS2424</b>	\$ 937
30"	<b>MPSGS2430</b>	\$ 969
36"	<b>MPSGS2436</b>	\$ 998
42"	<b>MPSGS2442</b>	\$1042
48"	<b>MPSGS2448</b>	\$1053
60"	<b>MPSGS2460</b>	\$1099
:	:	:

**For Canadian Pricing**

Multiply U.S. Price by the  
Canadian price factor.

► See page 1 for details.

# Panel Door with Frame



**For laminate price group 2 pricing, please refer to the electronic catalog or SmartTools.**

Standard Includes		Required to Specify	
► Need help? Product details, page 22	<ul style="list-style-type: none"> <li>Panel door: laminate price group 1</li> <li>Top cap and frame: all paint price groups</li> <li>Threshold: stainless steel only</li> <li>Door knob with lock: brushed chrome only</li> <li>Top cap height: medium</li> <li>Universal connector package</li> </ul>	1 Style number 2 Laminate color number for door 3 Paint color number for top cap and frame 4 Options, if selected (see below) ► See <i>Surface Materials</i> , page 336.	
Surface Materials	Options	U.S. Price	Required to Specify
	<b>Top cap and frame</b> <ul style="list-style-type: none"> <li>Wood group 1 on low or medium top cap only</li> <li>Customiz stain on wood top cap</li> </ul>	+\$177  No cost	Specify <i>with wood top cap</i> and select wood color number. ► See <i>Surface Materials Reference Manual</i> .
	<b>Door</b> <ul style="list-style-type: none"> <li>Laminate price group 2</li> <li>Open Line laminate</li> </ul>	See information at left +\$ 77 plus cost of laminate	Specify laminate color number. ► See <i>Surface Materials Reference Manual</i> .
► <b>Top Cap</b> Page 24	<b>Height</b> <ul style="list-style-type: none"> <li>Low (reduces frame height by 3/4")</li> </ul>	No cost	Replace second <b>M</b> in style number with <b>L</b> .
	<b>Knockouts</b> <ul style="list-style-type: none"> <li>Cable knockout on medium top cap</li> </ul>	No cost	Specify <i>top cap with knockout</i> .
<b>Door Handles</b>	<ul style="list-style-type: none"> <li>Pair of handles and latch mechanism: Brushed Chrome only</li> </ul>	+\$185	Specify <i>with handles</i> .
<b>Related Products</b>	<ul style="list-style-type: none"> <li>Panel wiring and cabling</li> </ul>		► Pages 225–235

## Specification Information

Dimensions	Style	U.S.
W H	Number	Base Price

## Panel Door with Frame

42 <sup>5</sup> / <sub>16</sub> "	80 <sup>1</sup> / <sub>2</sub> "	<b>MPDFWDM8042</b>	\$3874
:	:	:	:

## Frame Only

42 <sup>5</sup> / <sub>16</sub> "	80 <sup>1</sup> / <sub>2</sub> "	<b>MPDFM8042</b>	\$1718
:	:	:	:

*Tip: Panel door with frame style number cannot ship to customer locations in Canada. Frame only style number should be used for Canadian customers.*

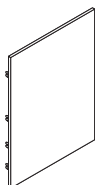


**For Canadian Pricing**  
 Multiply U.S. Price by the Canadian price factor.  
 ► See page 1 for details.



# Tackable Acoustical Fabric-Covered Replacement Skins

Tackable Acoustical  
Fabric-Covered  
Replacement Skins



*Tip: Remember to order replacement skins for both sides of the panel.*

*Tip: Avenir panels manufactured after September 1990 have removable panels skins. Replacement skins will not fit pre-September 1990 panels.*

*\*Tip: For most fabrics, fabric application is standard in the warp horizontal direction.*

► See *Specification Guidelines for Vertical Fabric Applications*, page 356, for details on these exceptions. Warp vertical is available as an option.

## Standard Includes

- Need help? Product details, page 12
- 33"H–65"H skins, fabric direction with horizontal application\*: fabric price group 1
- 80"H skin, fabric direction with vertical application: fabric price group 1

## Required to Specify

- 1 Style number
  - 2 Fabric color number for skin surface
  - 3 Options, if selected (see below)
- See *Surface Materials*, page 336.

Options	U.S. Price	Required to Specify
<b>Surface Materials</b>		
<b>Panel surface</b>		
• Fabric price group 1	No cost	Specify fabric color number.
• Fabric price group 2	+\$ 20	Specify fabric color number.
• Fabric price group 3	+\$ 53	Specify fabric color number.
• Fabric price group 4	+\$ 85	Specify fabric color number.
• Fabric price group 5	+\$132	Specify fabric color number.
• Fabric price group COM	+\$ 17	Specify fabric color number.

► See *Surface Materials Reference Manual* to specify.

## Fabric direction on 65"H and shorter skins

- Vertical application No cost Specify with vertical application.

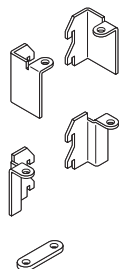
Panels

## Specification Information

Width	Style Number	U.S. Base Price	Style Number	U.S. Base Price	Style Number	U.S. Base Price
<b>33"H Panels</b>			<b>41"H Panels</b>		<b>53"H Panels</b>	
18"	<b>RSTA3318</b>	\$168	<b>RSTA4118</b>	\$209	<b>RSTA5318</b>	\$226
24"	<b>RSTA3324</b>	\$186	<b>RSTA4124</b>	\$231	<b>RSTA5324</b>	\$243
30"	<b>RSTA3330</b>	\$204	<b>RSTA4130</b>	\$257	<b>RSTA5330</b>	\$271
36"	<b>RSTA3336</b>	\$227	<b>RSTA4136</b>	\$281	<b>RSTA5336</b>	\$293
42"	<b>RSTA3342</b>	\$243	<b>RSTA4142</b>	\$305	<b>RSTA5342</b>	\$317
48"	<b>RSTA3348</b>	\$267	<b>RSTA4148</b>	\$327	<b>RSTA5348</b>	\$341
60"	<b>RSTA3360</b>	\$300	<b>RSTA4160</b>	\$377	<b>RSTA5360</b>	\$366
<b>65"H Panels</b>			<b>80"H Panels</b>			
18"	<b>RSTA6518</b>	\$260	<b>RSTA8018</b>	\$353		
24"	<b>RSTA6524</b>	\$282	<b>RSTA8024</b>	\$376		
30"	<b>RSTA6530</b>	\$310	<b>RSTA8030</b>	\$397		
36"	<b>RSTA6536</b>	\$331	<b>RSTA8036</b>	\$425		
42"	<b>RSTA6542</b>	\$357	<b>RSTA8042</b>	\$443		
48"	<b>RSTA6548</b>	\$379	<b>RSTA8048</b>	\$471		
60"	<b>RSTA6560</b>	\$406				

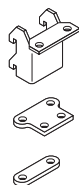
# Panel Connectors

## Varying-Height Connector Packages (PAB2)



Standard Includes		Required to Specify
► Need help? Product details, page 26	• Connector package: all paint price groups	1 Style number 2 Paint color number for connector ► See <i>Surface Materials</i> , page 336.
Specification Information		
• Lower Panel Height	• Style Number	• U.S. Price
33"	<b>PAB233</b>	\$54
41"	<b>PAB241</b>	\$55
53"	<b>PAB253</b>	\$55
65"	<b>PAB265</b>	\$55
•	•	•

## Varying-Height Perpendicular Connector Packages (PAB3)



Standard Includes		Required to Specify
► Need help? Product details, page 28	• Connector package: all paint price groups	1 Style number 2 Paint color number for connector ► See <i>Surface Materials</i> , page 336.
Specification Information		
• Lower Panel Height	• Style Number	• U.S. Price
33"	<b>PAB333</b>	\$54
41"	<b>PAB341</b>	\$55
53"	<b>PAB353</b>	\$55
65"	<b>PAB365</b>	\$55
•	•	•



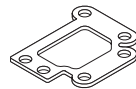
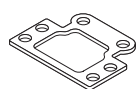
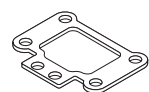
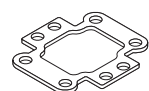
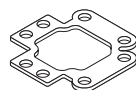
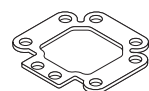
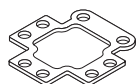
**For Canadian Pricing**  
Multiply U.S. Price by the  
Canadian price factor.  
► See page 1 for details.

## Varying-Height Connector Packages (PAB5)

Standard Includes	Required to Specify
<p>► Need help? Product details, page 27</p> <ul style="list-style-type: none"> <li>Connector package: black paint only</li> </ul>	Style number

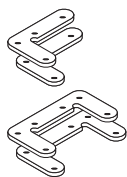
### Specification Information

Description	Style Number	U.S. Price
1 low, 3 high	<b>PAB5A</b>	\$54
3 low, 1 high	<b>PAB5B</b>	\$54
2 low, 2 high	<b>PAB5C</b>	\$54
2 low opposite, 2 high opposite	<b>PAB5D</b>	\$54
2 low opposite 1 high	<b>PAB5E</b>	\$54
1 low, 2 high	<b>PAB5F</b>	\$54
2 low, 1 high	<b>PAB5G</b>	\$54



 **For Canadian Pricing**  
Multiply U.S. Price by the  
Canadian price factor.  
► See page 1 for details.

## Closed-Configuration Connector Package (PAB9)



Standard Includes		Required to Specify
► Need help? Product details, page 29	• Connector package: black paint only	Style number
Specification Information		
• Style Number	• U.S. Price	
PAB9	\$55	

## Perpendicular Connector Package (PAB4)



Standard Includes		Required to Specify
► Need help? Product details, page 30	• Connector package: black paint only	Style number
Specification Information		
• Style Number	• U.S. Price	
PAB4	\$55	



### For Canadian Pricing

Multiply U.S. Price by the  
Canadian price factor.

► See page 1 for details.

## Change-of-Height Panel Connectors



\*Tip: For most fabrics, fabric application is standard in the warp horizontal direction.

► See Specification Guidelines for Vertical Fabric Applications, page 356, for details on these exceptions. Warp vertical is available as an option.

Tip: If highest panel is 80"H then connector will be in the vertical application.

Standard Includes	Required to Specify
<ul style="list-style-type: none"> <li>Need help? Product details, page 31</li> <li>Panel connector: all paint price groups</li> </ul>	<ul style="list-style-type: none"> <li>1 Style number</li> <li>2 Paint color number for connector</li> <li>3 Options, if selected (see below)</li> <li>► See <i>Surface Materials</i>, page 336.</li> </ul>

Options	U.S. Price	Required to Specify
<b>Surface Materials</b> <ul style="list-style-type: none"> <li><b>Fabric-covered connectors</b> <ul style="list-style-type: none"> <li>All fabric price groups</li> </ul> </li> </ul>	+\$76	Specify fabric color number.
<ul style="list-style-type: none"> <li><b>Fabric direction on fabric-covered connectors*</b> <ul style="list-style-type: none"> <li>Horizontal application (standard) with exceptions</li> <li>Vertical application</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>No cost</li> <li>No cost</li> </ul>	<ul style="list-style-type: none"> <li>Specify with horizontal application.</li> <li>Specify with vertical application.</li> </ul>

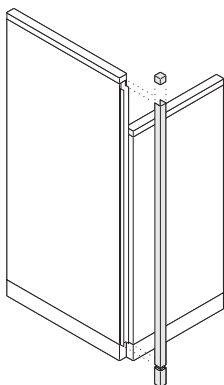
Specification Information			
Lower Panel Height	Higher Panel Height	Style Number	U.S. Base Price
33"	41"	<b>PC4133</b>	\$98
33"	53"	<b>PC5333</b>	\$98
33"	65"	<b>PC6533</b>	\$98
33"	80"	<b>PC8033</b>	\$98
41"	53"	<b>PC5341</b>	\$98
41"	65"	<b>PC6541</b>	\$98
41"	80"	<b>PC8041</b>	\$98
53"	65"	<b>PC6553</b>	\$98
53"	80"	<b>PC8053</b>	\$98
65"	80"	<b>PC8065</b>	\$98
:	:	:	:



**For Canadian Pricing**  
Multiply U.S. Price by the Canadian price factor.  
► See page 1 for details.

# Filler Packages

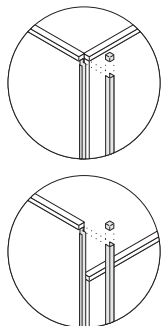
## L Filler Packages



\*Tip: For most fabrics, fabric application is standard in the warp horizontal direction.

► See *Specification Guidelines for Vertical Fabric Applications*, page 356, for details on these exceptions. Warp vertical is available as an option.

Tip: Wood top caps on fillers are solid and have no cable routing capability.



Tip: Filler height must match the height of the tallest panel in the configuration.

Standard Includes	Required to Specify
<ul style="list-style-type: none"> <li>► Need help? Product details, page 32</li> <li>• 41"H–65"H filler uprights, fabric direction with horizontal application*: all fabric price groups</li> <li>• 80"H filler upright, fabric direction with vertical application: all fabric price groups</li> <li>• Top cap and base cover: all paint price groups</li> <li>• Top cap height: medium</li> <li>• Carrier: black paint only</li> </ul>	<ul style="list-style-type: none"> <li>1 Style number</li> <li>2 Fabric color number for filler upright</li> <li>3 Paint color number for top cap and base cover</li> <li>4 Options, if selected (see below)</li> <li>► See <i>Surface Materials</i>, page 336.</li> </ul>

Options	U.S. Price	Required to Specify
<b>Surface Materials</b> <ul style="list-style-type: none"> <li>• <b>Fabric direction on 65"H and shorter fillers</b></li> <li>• Vertical application</li> </ul>	No cost	Specify with vertical application.
<b>Top cap</b> <ul style="list-style-type: none"> <li>• Wood group 1 on low or medium top cap only</li> <li>• Customiz stain on wood top cap</li> </ul>	+\$39 No cost	Specify with wood top cap and select wood color number. ► See <i>Surface Materials Reference Manual</i> .
<b>Top Cap</b> <ul style="list-style-type: none"> <li>• <b>Height</b></li> <li>• Low</li> </ul>	No cost	Replace <b>M</b> in style number with <b>L</b> .

### Specification Information

• Filler Height	• Style Number	• U.S. Base Price
•	•	•
•	•	•
•	•	•

### L-Configuration Fillers

41"	<b>PJLM41</b>	\$396
53"	<b>PJLM53</b>	\$396
65"	<b>PJLM65</b>	\$396
80"	<b>PJLM80</b>	\$396
•	•	•

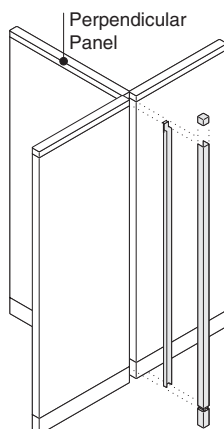


#### For Canadian Pricing

Multiply U.S. Price by the Canadian price factor.

► See page 1 for details.

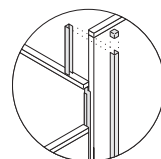
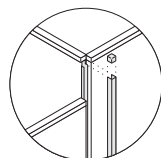
## T Filler Packages



*\*Tip: For most fabrics, fabric application is standard in the warp horizontal direction.*

► See *Specification Guidelines for Vertical Fabric Applications*, page 356, for details on these exceptions. Warp vertical is available as an option.

*Tip: Wood top caps on fillers are solid and have no cable routing capability.*



*Tip: Carrier must always attach to center panel in T-configuration.*

*Tip: If highest panel is 80"H, then filler will be in the warp vertical application.*



### For Canadian Pricing

Multiply U.S. Price by the Canadian price factor.

► See page 1 for details.

Standard Includes		Required to Specify	
► Need help? Product details, page 32	• Filler upright, fabric direction with horizontal application*: all fabric price groups	1 Style number	1 Style number 2 Fabric color number for filler upright 3 Paint color number for top cap and base cover 4 Options, if selected (see below) ► See <i>Surface Materials</i> , page 336.
	• Top cap and base cover: all paint price groups		
	• Top cap height: medium		
	• Carrier: black paint only		

Surface Materials	Options	U.S. Price	Required to Specify
	<b>Fabric direction</b>		
	• Vertical application	No cost	Specify with vertical application.
	<b>Top cap</b>		
	• Wood group 1 on low or medium top cap only	+\$39	Specify with wood top cap and select wood color number.
	• Customiz stain on wood top cap	No cost	► See <i>Surface Materials Reference Manual</i> .
<b>Top Cap</b>	<b>Height</b>		
	• Low	No cost	Replace <b>M</b> in style number with <b>L</b> .

### Specification Information

Perpendicular Panel Height	Highest Panel Height	Style Number	U.S. Base Price

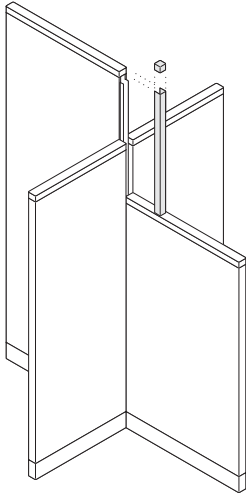
### T-Configuration Fillers

N.A.	41"	<b>PJTM41</b>	\$396
N.A.	53"	<b>PJTM53</b>	\$396
N.A.	65"	<b>PJTM65</b>	\$396
N.A.	80"	<b>PJTM80</b>	\$396
:	:	:	:

### T-Configuration Fillers with Back Filler

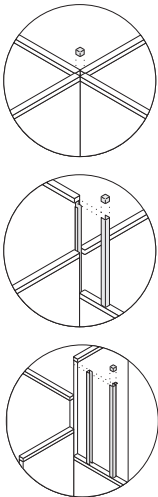
41"	53"	<b>PJTM4153</b>	\$424
41"	65"	<b>PJTM4165</b>	\$424
41"	80"	<b>PJTM4180</b>	\$424
53"	65"	<b>PJTM5365</b>	\$424
53"	80"	<b>PJTM5380</b>	\$424
65"	80"	<b>PJTM6580</b>	\$424
:	:	:	:

## X Filler Packages



\*Tip: For most fabrics, fabric application is standard in the warp horizontal direction.  
 ▶ See *Specification Guidelines for Vertical Fabric Applications*, page 356, for details on these exceptions. Warp vertical is available as an option.

Tip: Wood top caps on fillers are solid and have no cable routing capability.



Tip: Back filler must attach to panel opposite the shortest panel in the X-configuration.

Tip: If highest panel is 80"H, then filler will be in the warp vertical application.

Standard Includes		Required to Specify	
▶ Need help? Product details, page 33	<ul style="list-style-type: none"> <li>• Filler upright, fabric direction with horizontal application*: all fabric price groups</li> <li>• Top cap: all paint price groups</li> <li>• Carrier: black paint only</li> </ul>	1 Style number 2 Fabric color number for filler upright 3 Paint color number for top cap 4 Options, if selected (see below) ▶ See <i>Surface Materials</i> , page 336.	
Surface Materials	Options	U.S. Price	Required to Specify
	<b>Fabric direction</b> <ul style="list-style-type: none"> <li>• Vertical application</li> </ul>	No cost	Specify with vertical application.
	<b>Top cap</b> <ul style="list-style-type: none"> <li>• Wood group 1 on low or medium top cap only</li> <li>• Customiz stain on wood top cap</li> </ul>	+\$39 No cost	Specify with wood top cap and select wood color number. ▶ See <i>Surface Materials Reference Manual</i> .
<b>Top Cap</b>	<b>Height</b> <ul style="list-style-type: none"> <li>• Low</li> </ul>	No cost	Replace <b>M</b> in style number with <b>L</b> .

### Specification Information

Lowest Panel Height	Highest Panel Height	Style Number	U.S. Base Price
•	•	•	•

### X-Configuration Top Cap Only

All	N.A.	PJXM	\$ 66
•	•	•	•

### X-Configuration Fillers

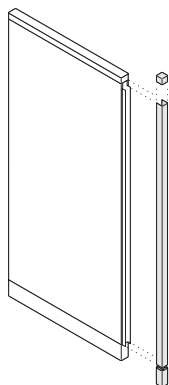
41"	53"	PJAXM4153	\$311
41"	65"	PJAXM4165	\$311
41"	80"	PJAXM4180	\$311
53"	65"	PJAXM5365	\$311
53"	80"	PJAXM5380	\$311
65"	80"	PJAXM6580	\$311
•	•	•	•

### X-Configuration Fillers with Back Filler

41"	53"	PJBXM4153	\$311
41"	65"	PJBXM4165	\$311
41"	80"	PJBXM4180	\$311
53"	65"	PJBXM5365	\$311
53"	80"	PJBXM5380	\$311
65"	80"	PJBXM6580	\$311
•	•	•	•



## End-of-Run Fillers



\*Tip: For most fabrics, fabric application is standard in the warp horizontal direction.

► See *Specification Guidelines for Vertical Fabric Applications*, page 356, for details on these exceptions. Warp vertical is available as an option.

Standard Includes	Required to Specify
<p>► Need help? Product details, page 34</p> <ul style="list-style-type: none"> <li>41"H–65"H end-of-run fillers, fabric direction with horizontal application*: all fabric price groups</li> <li>80"H end-of-run filler, fabric direction with vertical application: all fabric price groups</li> <li>Top cap and base cover: all paint price groups</li> </ul>	<ol style="list-style-type: none"> <li>1 Style number</li> <li>2 Fabric color number for end-of-run filler</li> <li>3 Paint color number for top cap and base cover</li> <li>4 Options, if selected (see below)</li> </ol> <p>► See <i>Surface Materials</i>, page 336.</p>

Options	U.S. Price	Required to Specify
<b>Surface Materials</b> <b>Fabric direction on 65"H and shorter fillers</b> <ul style="list-style-type: none"> <li>Vertical application</li> </ul>	No cost	Specify with vertical application.
<b>Top cap</b> <ul style="list-style-type: none"> <li>Wood group 1</li> </ul>	+\$39	Specify with wood top cap and select wood color number.
<ul style="list-style-type: none"> <li>Customiz stain on wood top cap</li> </ul>	No cost	► See <i>Surface Materials Reference Manual</i> .

### Specification Information

Height	Style Number	U.S. Base Price
:	:	:
:	:	:
:	:	:

### For Use with Medium Top Caps

41"	<b>ERFM41</b>	\$416
53"	<b>ERFM53</b>	\$416
65"	<b>ERFM65</b>	\$416
80"	<b>ERFM80</b>	\$416
:	:	:



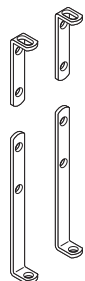
#### For Canadian Pricing

Multiply U.S. Price by the Canadian price factor.

► See page 1 for details.

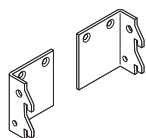
# Panel Brackets

## Panel-to-Wall Bracket Package (PAB6)



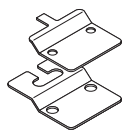
Standard Includes		Required to Specify
► Need help? Product details, page 36	• Bracket package: black paint only	Style number
Specification Information		
Style Number	U.S. Price	
PAB6	\$33	

## Panel-to-Furniture Bracket Package (PAB7)



Standard Includes		Required to Specify
► Need help? Product details, page 36	• Bracket package: black paint only	Style number
Specification Information		
Style Number	U.S. Price	
PAB7	\$33	

## Anchor Brackets (OSHPD)



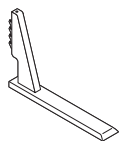
*Tip: Four anchor bracket packages are required for each cabinet.*

Standard Includes		Required to Specify
► Need help? Product details, page 37	• Two-piece anchor bracket: black paint only	Style number
Specification Information		
Style Number	U.S. Price	
98769	\$39	



**For Canadian Pricing**  
Multiply U.S. Price by the  
Canadian price factor.  
► See page 1 for details.

## Panel Stabilizer Foot



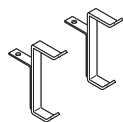
Standard Includes		Required to Specify
▶ Need help? Product details, page 38	• Panel foot: all paint price groups	1 Style number 2 Paint color number for panel foot ▶ See <i>Surface Materials</i> , page 336.
Specification Information		
• Style • Number	• U.S. • Price	
PFF16	\$231	

## Gripper Glide Caps



Standard Includes		Required to Specify
• Carton of 12 gripper glide caps: soft black plastic only		Style number
Specification Information		
Style Number	U.S. Price	
CGGC12	\$72	

## Panel Coat Hooks

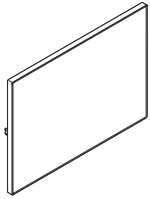


Tip: For use with painted top caps only.

Standard Includes		Required to Specify
▶ Need help? Product details, page 38	• Two coat hooks: all paint price groups	1 Style number 2 Paint color number for coat hook ▶ See <i>Surface Materials</i> , page 336.
Specification Information		
• Style • Number • •	• U.S. • Price • •	
PCH	\$57	
•		

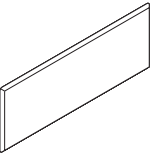
 **For Canadian Pricing**  
Multiply U.S. Price by the  
Canadian price factor.  
▶ See page 1 for details.

## Markerboards



Standard Includes		Required to Specify	
▶ Need help? Product details, page 38	• Markerboard surface: white laminate only	1 Style number	
	• Frame: black only	2 Options, if selected (see below)	
Options		U.S. Price	Required to Specify
<b>Surface Materials</b>	<b>Markerboard tray</b>		
	• Black only	+\$81	Specify with markerboard tray.
Specification Information			
Dimensions		Style Number	U.S. Base Price
W	H		
30"	33"	<b>PMB3330</b>	\$809
36"	33"	<b>PMB3336</b>	\$858

## Tackboards

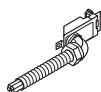


Standard Includes		Required to Specify	
▶ Need help? Product details, page 39	• Tackboard, fabric direction with horizontal application: fabric price group 1	1 Style number	
	• Hardware: black paint only	2 Fabric color number for tackboard ▶ See <i>Surface Materials</i> , page 336.	
Options		U.S. Price	Required to Specify
<b>Surface Materials</b>	<b>Tackboard</b>		
	• Fabric price group 1	No cost	Specify fabric color number.
	• Fabric price group 2	+\$ 12	Specify fabric color number.
	• Fabric price group 3	+\$ 61	Specify fabric color number.
	• Fabric price group 4	+\$ 83	Specify fabric color number.
	• Fabric price group 5	+\$132	Specify fabric color number.
	• Fabric price group COM	+\$ 17	▶ See <i>Surface Materials Reference Manual</i> to specify.
<b>Fabric direction on 30"W-60"W tackboards</b>			
	• Vertical application	No cost	Specify with vertical application.
<b>Related Products</b>	• Wall channels		▶ Page 317
Specification Information			
Dimensions		Style Number	U.S. Base Price
W	H		
30"	17 <sup>3</sup> / <sub>4</sub> "	<b>TB3018</b>	\$240
36"	17 <sup>3</sup> / <sub>4</sub> "	<b>TB3618</b>	\$252
42"	17 <sup>3</sup> / <sub>4</sub> "	<b>TB4218</b>	\$288
48"	17 <sup>3</sup> / <sub>4</sub> "	<b>TB4818</b>	\$316
60"	17 <sup>3</sup> / <sub>4</sub> "	<b>TB6018</b>	\$410
72"	17 <sup>3</sup> / <sub>4</sub> "	<b>TB7218</b>	\$502



**For Canadian Pricing**  
Multiply U.S. Price by the  
Canadian price factor.  
▶ See page 1 for details.

## Base Power-Ins



*Tip: Three circuit with separate neutral, and all four circuit base power-ins, can only fit in larger-size receptacle openings.*

Standard Includes	Required to Specify
<ul style="list-style-type: none"> <li>▶ Need help? Product details, page 40</li> <li>• Right-angle base power-in assembly</li> <li>• 6' long, 1/2" diameter conduit: black plastic only</li> <li>• 3-circuit with shared neutral or 4-circuit 3+D</li> </ul>	<ul style="list-style-type: none"> <li>1 Style number</li> <li>2 Paint color number is required for base power-in for use in New York City</li> <li>3 Options, if selected (see below)</li> <li>▶ See <i>Surface Materials</i>, page 336.</li> </ul>

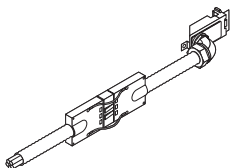
Options	U.S. Price	Required to Specify
<b>Wiring Schematics</b> <b>Three-circuit</b> <ul style="list-style-type: none"> <li>• Separate neutral (available for larger-size openings only)</li> </ul>	+\$51	Specify with <i>separate neutral</i> .
<b>Four-circuit</b> <ul style="list-style-type: none"> <li>• 3I+1 wiring schematic</li> <li>• 2+2 wiring schematic</li> </ul>	+\$60 +\$60	Specify with <i>3I+1 wiring</i> . Specify with <i>2+2 wiring</i> .

Specification Information		
Fits	Style Number	U.S. Base Price
<b>3-Circuit</b>		
Standard- or larger-size openings	<b>98669</b>	\$386
<b>For Use in New York City</b>		
Standard- or larger-size openings	<b>986691</b>	\$386
<b>4-Circuit (3+D)</b>		
Larger-size openings only	<b>986694</b>	\$422
<b>For Use in New York City</b>		
Larger-size openings only	<b>987801</b>	\$422



**For Canadian Pricing**  
 Multiply U.S. Price by the Canadian price factor.  
 ▶ See page 1 for details.

## Breakaway Base Power-Ins (OSHDP)



*Tip: This product is not available in Canada.*

*Tip: Three-circuit with separate neutral, and all four-circuit base power-ins, can only fit in larger-size receptacle openings.*

Standard Includes	Required to Specify
<ul style="list-style-type: none"> <li>▶ Need help? Product details, page 40</li> <li>• Breakaway base power-in assembly</li> <li>• 6' long, 1/2" diameter conduit: black plastic only</li> <li>• 3-circuit with shared neutral or 4-circuit 3+D</li> </ul>	<ul style="list-style-type: none"> <li>1 Style number</li> <li>2 Options, if selected (see below)</li> </ul>

Options	U.S. Price	Required to Specify
<b>Wiring Schematics</b> <b>Three-circuit</b> <ul style="list-style-type: none"> <li>• Separate neutral (available for larger-size openings only)</li> </ul>	+\$51	Specify with separate neutral.
<b>Four-circuit</b> <ul style="list-style-type: none"> <li>• 3I+1 wiring schematic</li> <li>• 2+2 wiring schematic</li> </ul>	+\$60 +\$60	Specify with 3I+1 wiring. Specify with 2+2 wiring.

Specification Information		
Fits	Style Number	U.S. Base Price
•	•	•
•	•	•
•	•	•

### 3-Circuit

Standard- or larger-size openings	<b>98669C</b>	\$468
•	•	•

### 4-Circuit (3+D)

Larger-size openings only	<b>986694C</b>	\$510
•	•	•

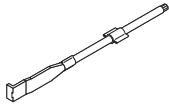


#### For Canadian Pricing

Multiply U.S. Price by the Canadian price factor.

▶ See page 1 for details.

## End Power-Ins

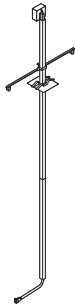


Standard Includes		Required to Specify	
<p>► Need help? Product details, page 40</p>	<ul style="list-style-type: none"> <li>End power-in assembly</li> <li>6' long, 1/2" diameter conduit: black plastic only</li> <li>3-circuit with shared neutral or 4 circuit 3+D</li> </ul>	1 Style number 2 Options, if selected (see below)	
Wiring Schematics	Options	U.S. Price	Required to Specify
	<b>Three-circuit</b> <ul style="list-style-type: none"> <li>Separate neutral</li> </ul>	+\$35	Specify <i>with separate neutral</i> .
	<b>Four-circuit</b> <ul style="list-style-type: none"> <li>3I+1 wiring schematic</li> <li>2+2 wiring schematic</li> </ul>	+\$35 +\$35	Specify <i>with 3I+1 wiring</i> . Specify <i>with 2+2 wiring</i> .
Specification Information			
Style Number	U.S. Base Price		
<b>3-Circuit</b>			
<b>MPSC372B</b>	\$204		
<b>4-Circuit (3+D)</b>			
<b>MPSC472B</b>	\$228		



**For Canadian Pricing**  
 Multiply U.S. Price by the  
 Canadian price factor.  
 ► See page 1 for details.

## 2" x 2" Power Poles



\*Tip: For most fabrics, fabric application is standard in the warp horizontal direction.

► See *Specification Guidelines for Vertical Fabric Applications*, page 356, for details on these exceptions. Warp vertical is available as an option.

Standard Includes	Required to Specify
<p>► Need help? Product details, page 41</p> <ul style="list-style-type: none"> <li>Upper part of pole: all paint price groups</li> <li>41"H–65"H lower part of pole, fabric direction with horizontal application*: all fabric price groups</li> <li>80"H lower part of pole, fabric direction with vertical application: all fabric price groups</li> <li>Base: all paint price groups</li> <li>Ceiling trim plate: white paint only</li> <li>Harness with 3-circuit with shared neutral or 4-circuit 3+D</li> <li>Junction box</li> <li>Mounting brackets</li> </ul>	<ul style="list-style-type: none"> <li>1 Style number</li> <li>2 Paint color number for upper part of pole and base</li> <li>3 Fabric color number for lower part of pole</li> <li>4 Options, if selected (see below)</li> </ul> <p>► See <i>Surface Materials</i>, page 336.</p>

Options	U.S. Price	Required to Specify
<b>Surface Materials</b> <ul style="list-style-type: none"> <li>Fabric direction on lower part of 65" H and shorter poles</li> <li>Vertical application</li> </ul>	No cost	Specify with vertical application.
<b>Wiring Schematics</b> <b>Three-circuit</b> <ul style="list-style-type: none"> <li>Separate neutral</li> </ul>	+\$18	Specify with separate neutral.
<b>Four-circuit</b> <ul style="list-style-type: none"> <li>3I+1 wiring schematic</li> <li>2+2 wiring schematic</li> </ul>	+\$18 +\$18	Specify with 3I+1 wiring. Specify with 2+2 wiring.

Specification Information				
Panel Height	Style Number	U.S. Base Price	Style Number	U.S. Base Price
<b>3-Circuit</b>			<b>4-Circuit (3+D)</b>	
41"	<b>PP341A</b>	\$818	<b>PP441A</b>	\$904
53"	<b>PP353A</b>	\$818	<b>PP453A</b>	\$904
65"	<b>PP365A</b>	\$818	<b>PP465A</b>	\$904
80"	<b>PP380A</b>	\$818	<b>PP480A</b>	\$904
:	:	:	:	:



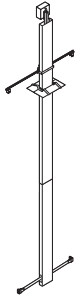
### For Canadian Pricing

Multiply U.S. Price by the Canadian price factor.

► See page 1 for details.



## 2" x 6" Power and Cable Poles



Standard Includes	Required to Specify
<p>► Need help? Product details, page 42</p> <ul style="list-style-type: none"> <li>• Pole: all paint price groups</li> <li>• Ceiling trim plate: white paint only</li> <li>• Two harnesses with 3-circuit with shared neutral or 4-circuit 3+D</li> <li>• Junction box</li> <li>• Mounting brackets</li> </ul>	<ul style="list-style-type: none"> <li>1 Style number</li> <li>2 Paint color number for pole</li> <li>3 Options, if selected (see below)</li> </ul> <p>► See <i>Surface Materials</i>, page 336.</p>

	Options	U.S. Price	Required to Specify
<b>Wiring Schematics</b>	<b>Three-circuit</b> <ul style="list-style-type: none"> <li>• Separate neutral</li> </ul>	+\$18	Specify with <i>separate neutral</i> .
	<b>Four-circuit</b> <ul style="list-style-type: none"> <li>• 3I+1 wiring schematic</li> <li>• 2+2 wiring schematic</li> </ul>	+\$18 +\$18	Specify with <i>3I+1 wiring</i> . Specify with <i>2+2 wiring</i> .

Specification Information				
Panel Height	Style Number	U.S. Base Price	Style Number	U.S. Base Price
<b>3-Circuit</b>			<b>4-Circuit (3+D)</b>	
41"	<b>PP6416S</b>	\$1559	<b>PP8416S</b>	\$1623
53"	<b>PP6536S</b>	\$1559	<b>PP8536S</b>	\$1623
65"	<b>PP6656S</b>	\$1559	<b>PP8656S</b>	\$1623
80"	<b>PP6806S</b>	\$1559	<b>PP8806S</b>	\$1623
:	:	:	:	:



**For Canadian Pricing**  
Multiply U.S. Price by the  
Canadian price factor.  
► See page 1 for details.

## 2" x 2" Cable Poles



\*Tip: For most fabrics, fabric application is standard in the warp horizontal direction.

► See *Specification Guidelines for Vertical Fabric Applications*, page 356, for details on these exceptions. Warp vertical is available as an option.

Standard Includes	Required to Specify
<p>► Need help? Product details, page 41</p> <ul style="list-style-type: none"> <li>• Upper part of pole: all paint price groups</li> <li>• 41"H–65"H lower part of pole, fabric direction with horizontal application*: all fabric price groups</li> <li>• 80"H lower part of pole, fabric direction with vertical application*: all fabric price groups</li> <li>• Base: all paint price groups</li> <li>• Ceiling trim plate: white paint only</li> <li>• Mounting brackets</li> </ul>	<ul style="list-style-type: none"> <li>1 Style number</li> <li>2 Paint color number for upper part of pole and base</li> <li>3 Fabric color number for lower part of pole</li> <li>4 Options, if selected (see below)</li> </ul> <p>► See <i>Surface Materials</i>, page 336.</p>

Options	U.S. Price	Required to Specify
<p><b>Surface Materials</b></p> <ul style="list-style-type: none"> <li>• Fabric direction on lower part of 65"H and shorter poles</li> <li>• Vertical application</li> </ul>	No cost	Specify with vertical application.

### Specification Information

Panel Height	Style Number	U.S. Price
41"	<b>MCP41A</b>	\$751
53"	<b>MCP53A</b>	\$751
65"	<b>MCP65A</b>	\$751
80"	<b>MCP80A</b>	\$751
:	:	:

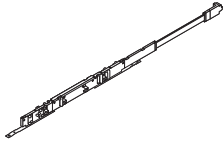


### For Canadian Pricing

Multiply U.S. Price by the Canadian price factor.

► See page 1 for details.

## Powerways (field-installed)



Tip: For factory-installed powerways, refer to the panel pages.

► Pages 202–207

Tip: 24" is double flag.

Standard Includes	Required to Specify
► Need help? Product details, pages 44 and 46	1 Style number 2 Options, if selected (see below)

Options	U.S. Price	Required to Specify
<b>Wiring Schematics</b> <b>Three-circuit</b> <ul style="list-style-type: none"> <li>Separate neutral</li> </ul>	+\$51	Specify with separate neutral.
<b>Four-circuit</b> <ul style="list-style-type: none"> <li>3I+1 wiring schematic</li> <li>2+2 wiring schematic</li> </ul>	+\$59 +\$59	Specify with 3I+1 wiring. Specify with 2+2 wiring.

Specification Information				
Panel Width	Style Number	U.S. Base Price	Style Number	U.S. Base Price
3-Circuit		4-Circuit (3+D)		
24"	<b>FPW324</b>	\$287	<b>FPW424</b>	\$341
30"	<b>FPW330</b>	\$287	<b>FPW430</b>	\$341
36"	<b>FPW336</b>	\$287	<b>FPW436</b>	\$341
42"	<b>FPW342</b>	\$287	<b>FPW442</b>	\$341
48"	<b>FPW348</b>	\$287	<b>FPW448</b>	\$341
60"	<b>FPW360</b>	\$287	<b>FPW460</b>	\$341

### Pass-Through Powerways

18"	<b>FPW318</b>	\$287	<b>FPW418</b>	\$341
:	:	:	:	:



### For Canadian Pricing

Multiply U.S. Price by the Canadian price factor.

► See page 1 for details.

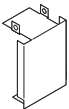
## Panel-to-Panel Connector



Standard Includes		Required to Specify	
▶ Need help? Product details, page 47	• Package of six panel-to-panel connectors	1 Style number 2 Options, if selected (see below)	
Wiring Schematics	Options	U.S. Price	Required to Specify
	<b>Three-circuit</b>		
	• Separate neutral	+\$184	Specify <i>with separate neutral</i> .
	<b>Four-circuit</b>		
	• 2+2 wiring schematic	+\$140	Specify <i>with 2+2 wiring</i> .
	• 3I+1 wiring schematic	+\$140	Specify <i>with 3I+1 wiring</i> .
Specification Information			
Style Number	U.S. Base Price	Style Number	U.S. Base Price
<b>3-Circuit</b>		<b>4-Circuit</b>	
<b>MPTP3</b>	\$613	<b>MPTP4</b>	\$780

## Corner Wire Covers

*Tip: Corner wire covers are required by UL to cover flexible power harnesses in L- and T-configurations.*



Standard Includes		Required to Specify	
▶ Need help? Product details, page 179	• Corner wire cover: all paint price groups	1 Style number 2 Paint color number for wire cover ▶ See <i>Surface Materials</i> , page 336.	
Specification Information			
• Style • Number • •	• U.S. • Price • •		
For 90° Panel Angle			
PBCC90	\$55		
For 180° Panel Angle (T-Configuration)			
PBCC180	\$55		



**For Canadian Pricing**  
Multiply U.S. Price by the Canadian price factor.  
▶ See page 1 for details.

## Cable Grommets for Base Cover



*Tip: For use in standard-size receptacle opening in power base cover.*

Standard Includes		Required to Specify
► Need help? Product details, page 49	• Carton of five cable grommets: plastic	1 Style number 2 Plastic color number for cable grommet ► See <i>Surface Materials</i> , page 336.
Specification Information		
Style Number	U.S. Price	
98863	\$35	

Panels

## Panel-Base End Filler

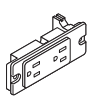


Standard Includes		Required to Specify
	• Carton of six end fillers: paint	1 Style number 2 Paint color number for end filler ► See <i>Surface Materials</i> , page 336.
Specification Information		
Style Number	U.S. Price	
PBEF	\$55	

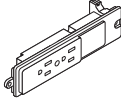


**For Canadian Pricing**  
Multiply U.S. Price by the  
Canadian price factor.  
► See page 1 for details.

## Duplex Receptacles



Standard size



Larger size

*Tip: For designation of controlled receptacles, order permanent ink stamp with controlled icon; service part (1063909001SR). It includes a pair of stamps, one white and one black. Appropriate receptacles can be stamped at the job site during installation.*

*Tip: You can order additional filler plates from Service Parts. For transparent panels, order 9000118SR; for all other straight panels, order 9001398SR.*

*Tip: You must specify receptacle to match wiring schematic used in other components.*

Standard Includes	Required to Specify
<ul style="list-style-type: none"> <li>Need help? Product details, page 48</li> <li>Package of six powerway receptacles: plastic</li> </ul>	<ul style="list-style-type: none"> <li>1 Style number</li> <li>2 Plastic color number for receptacles</li> <li>▶ See <i>Surface Materials</i>, page 336.</li> </ul>

### Specification Information

Description	Size	Style Number	U.S. Price	Style Number	U.S. Price
15-amp Receptacles			20-amp Receptacles		
3-Circuit with Shared Neutral					
Line 1	Standard size	986831DA15S	\$317	986831DA20S	\$475
Line 2	Standard size	986832DA15S	\$317	986832DA20S	\$475
Line 3	Standard size	986833DA15S	\$317	986833DA20S	\$475
3-Circuit with Separate Neutral					
Line A	Standard size	98683ADD15S	\$475	98683ADD20S	\$717
Line B	Standard size	98683BDD15S	\$475	98683BDD20S	\$717
Line C	Larger size	98683CDD15S	\$615	98683CDD20S	\$927
4-Circuit 3+D					
Line 1	Standard size	986831DA15S	\$317	986831DA20S	\$475
Line 2	Standard size	986832DA15S	\$317	986832DA20S	\$475
Line 3	Standard size	986833DA15S	\$317	986833DA20S	\$475
Line 4	Larger size	986834DA15S	\$412	986834DA20S	\$615
4-Circuit with 3I+1 Wiring					
Line 1	Standard size	986831DC15S	\$475	986831DC20S	\$717
Line 2	Standard size	986832DC15S	\$475	986832DC20S	\$717
Line 3	Standard size	986833DC15S	\$475	986833DC20S	\$717
Line 4	Larger size	986834DC15S	\$615	986834DC20S	\$927
4-Circuit with 2+2 Wiring					
Line 1	Standard size	986831DB15S	\$354	986831DB20S	\$535
Line 2	Standard size	986832DB15S	\$354	986832DB20S	\$535
Line 3	Larger size	986833DB15S	\$475	986833DB20S	\$717
Line 4	Larger size	986834DB15S	\$475	986834DB20S	\$717

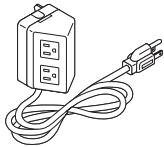


### For Canadian Pricing

Multiply U.S. Price by the Canadian price factor.

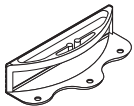
▶ See page 1 for details.

## Panel-Supported Receptacle



Standard Includes		Required to Specify
► Need help? Product details, page 180	• Three receptacles, each with 9' cord and three-prong plug: black plastic only	Style number
Specification Information		
Fits	Style Number	U.S. Price
Duplex-size opening	<b>PMDR</b>	\$309
:	:	:

## Avenir Universal Systems Worksurface Wire Managers



Standard Includes		Required to Specify
► Need help? Product details, page 71	• Set of six field installed worksurface wire managers: plastic • Attachment hardware	1 Style number 2 Plastic color number for worksurface wire manager: 6000 Black 6009 Arctic White 6052 Milk 6053 Seagull 6249 Platinum Solid 6654 Sand 6695 Midnight 6697 Fog
Specification Information		
Style Number	U.S. Price	
<b>TS7WWM</b>	\$164	
:	:	



**For Canadian Pricing**  
Multiply U.S. Price by the  
Canadian price factor.  
► See page 1 for details.





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# Specifying Worksurfaces and Related Products

## Worksurfaces

Avenir Universal Systems Worksurfaces	239
Avenir Worksurfaces	263



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# Specifying Avenir Universal Systems Worksurfaces

## Worksurfaces

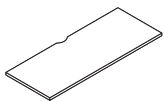
Straight Worksurfaces	240
Transition Worksurfaces	242
Corner, Curved-Front Worksurfaces	244
Extended Corner, Curved-Front Worksurfaces	246
Spanner Worksurfaces	248
Bullet Peninsula Worksurfaces	249
Jetty Worksurfaces	250
Visitor Worksurfaces	252
Transaction Worksurfaces	254

<b>Panel-Mounted Universal Systems Worksurface Supports</b>	<b>255</b>
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<b>Legs and Supports for Avenir Universal Systems Worksurfaces</b>	<b>258</b>
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# Straight Worksurfaces

## Laminate



*Tip: Supports for freestanding and panel-mounted applications must be specified separately.*

**For laminate group 2 and 3 pricing, please refer to the electronic catalog or SmartTools.**

*Tip: Worksurface spans greater than 54" require additional support of a cantilever, pedestal, intermediate support, or leg. Exception; work-surfaces can span up to 60" in heavy load applications and up to 72" in light load applications if a reinforcing channel is used. Reinforcing channel must be specified separately.*

► Page 257

*Tip: Not all Avenir Universal Systems Worksurface installations can be panel wrapped.*

► See page 75 for application details.

Standard Includes		Required to Specify	
► Need help? Product details, page 70	• Worksurface: laminate price group 1	1 Style number	
	• 3 mm edge profile on front edge: plastic	2 Laminate color number for worksurface	
	• Plastic default flat profile on side and back edges	3 Plastic color number for front edge on laminate worksurface	
	• Cable scallop on back edge	4 Options, if selected (see below)	
		► See <i>Surface Materials</i> , page 336.	

Options	U.S. Price	Required to Specify	
<b>Surface Materials</b>	<b>Laminate worksurfaces</b>		
• Laminate price group 2	See information at left	Specify laminate color number. Specify laminate color number. ► See <i>Surface Materials Reference Manual</i> .	
• Laminate price group 3	See information at left		
• Open Line laminate	+\$77 plus cost of laminate		
<b>Scallops</b>	• Omit scallop	No cost	Specify <i>omit scallop</i> .
<b>Related Products</b>	• Panel-mounted Universal Systems worksurface supports	► Page 255 ► Page 257 ► Page 258  ► See <i>Montage Solutions Specification Guide</i> .	
	• Reinforcing channel		
	• Legs and supports for Avenir Universal Systems Worksurfaces		
	• Worksurface power and communication components		



### For Canadian Pricing

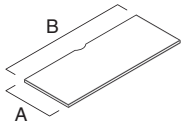
Multiply U.S. Price by the Canadian price factor.

► See page 1 for details.

## Specification Information

U.S. Base Price  
Laminate

• **Dimensions**  
• **A**      **B**  
• **Style**  
• **Number**  
• **Plastic**  
• **3 mm**  
• **Edge**



18 <sup>3</sup> / <sub>8</sub> "	30 <sup>1</sup> / <sub>8</sub> "	<b>MUS1830</b>	\$205
18 <sup>3</sup> / <sub>8</sub> "	36 <sup>1</sup> / <sub>8</sub> "	<b>MUS1836</b>	\$221
18 <sup>3</sup> / <sub>8</sub> "	42 <sup>1</sup> / <sub>8</sub> "	<b>MUS1842</b>	\$241
18 <sup>3</sup> / <sub>8</sub> "	48 <sup>1</sup> / <sub>8</sub> "	<b>MUS1848</b>	\$287
18 <sup>3</sup> / <sub>8</sub> "	54 <sup>11</sup> / <sub>32</sub> "	<b>MUS1854</b>	\$307
18 <sup>3</sup> / <sub>8</sub> "	60 <sup>11</sup> / <sub>32</sub> "	<b>MUS1860</b>	\$332
23 <sup>1</sup> / <sub>2</sub> "	24 <sup>1</sup> / <sub>8</sub> "	<b>MUS2424</b>	\$211
23 <sup>1</sup> / <sub>2</sub> "	30 <sup>1</sup> / <sub>8</sub> "	<b>MUS2430</b>	\$230
23 <sup>1</sup> / <sub>2</sub> "	36 <sup>1</sup> / <sub>8</sub> "	<b>MUS2436</b>	\$241
23 <sup>1</sup> / <sub>2</sub> "	42 <sup>1</sup> / <sub>8</sub> "	<b>MUS2442</b>	\$258
23 <sup>1</sup> / <sub>2</sub> "	48 <sup>1</sup> / <sub>8</sub> "	<b>MUS2448</b>	\$306
23 <sup>1</sup> / <sub>2</sub> "	54 <sup>11</sup> / <sub>32</sub> "	<b>MUS2454</b>	\$328
23 <sup>1</sup> / <sub>2</sub> "	60 <sup>11</sup> / <sub>32</sub> "	<b>MUS2460</b>	\$347
23 <sup>1</sup> / <sub>2</sub> "	66 <sup>11</sup> / <sub>32</sub> "	<b>MUS2466</b>	\$391
23 <sup>1</sup> / <sub>2</sub> "	72 <sup>11</sup> / <sub>32</sub> "	<b>MUS2472</b>	\$438
29 <sup>1</sup> / <sub>2</sub> "	24 <sup>1</sup> / <sub>8</sub> "	<b>MUS3024</b>	\$299
29 <sup>1</sup> / <sub>2</sub> "	30 <sup>1</sup> / <sub>8</sub> "	<b>MUS3030</b>	\$309
29 <sup>1</sup> / <sub>2</sub> "	36 <sup>1</sup> / <sub>8</sub> "	<b>MUS3036</b>	\$332
29 <sup>1</sup> / <sub>2</sub> "	42 <sup>1</sup> / <sub>8</sub> "	<b>MUS3042</b>	\$347
29 <sup>1</sup> / <sub>2</sub> "	48 <sup>1</sup> / <sub>8</sub> "	<b>MUS3048</b>	\$398
29 <sup>1</sup> / <sub>2</sub> "	54 <sup>11</sup> / <sub>32</sub> "	<b>MUS3054</b>	\$424
29 <sup>1</sup> / <sub>2</sub> "	60 <sup>11</sup> / <sub>32</sub> "	<b>MUS3060</b>	\$448
29 <sup>1</sup> / <sub>2</sub> "	66 <sup>11</sup> / <sub>32</sub> "	<b>MUS3066</b>	\$493
29 <sup>1</sup> / <sub>2</sub> "	72 <sup>11</sup> / <sub>32</sub> "	<b>MUS3072</b>	\$536

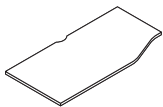
**For Canadian Pricing**

Multiply U.S. Price by the  
Canadian price factor.

► See page 1 for details.

# Transition Worksurfaces

## Laminate



Tip: Illustration above shows a left-hand worksurface.

Tip: Supports for freestanding and panel-mounted applications must be specified separately.

**For laminate group 2 and 3 pricing,** please refer to the electronic catalog or SmartTools.

Tip: Worksurface spans greater than 54" require additional support of a cantilever, pedestal, intermediate support, or leg. Exception; work-surfaces can span up to 60" in heavy load applications and up to 72" in light load applications if a reinforcing channel is used. Reinforcing channel must be specified separately.

► Page 257

Tip: Not all Avenir Universal Systems Worksurface installations can be panel wrapped.

► See page 75 for application details.

	Standard Includes	Required to Specify
► Need help? Product details, page 70	<ul style="list-style-type: none"> <li>• Worksurface: laminate price group 1</li> <li>• 3 mm edge profile on front edge: plastic</li> <li>• Plastic default flat profile on side and back edges</li> <li>• Cable scallop on back edge</li> </ul>	1 Style number 2 Laminate color number for worksurface 3 Plastic color number for front edge on laminate worksurface 4 Options, if selected (see below) ► See <i>Surface Materials</i> , page 336.

	Options	U.S. Price	Required to Specify
<b>Surface Materials</b>	<b>Laminate worksurfaces</b> <ul style="list-style-type: none"> <li>• Laminate price group 2</li> <li>• Laminate price group 3</li> <li>• Open Line laminate</li> </ul>	See information at left See information at left +\$77 plus cost of laminate	Specify laminate color number. Specify laminate color number. ► See <i>Surface Materials Reference Manual</i> .
<b>Scallops</b>	<ul style="list-style-type: none"> <li>• Omit scallop</li> </ul>	No cost	Specify <i>omit scallop</i> .
<b>Related Products</b>	<ul style="list-style-type: none"> <li>• Panel-mounted Universal Systems worksurface supports</li> <li>• Legs and supports for Avenir Universal Systems Worksurfaces</li> <li>• Worksurface power and communication components</li> </ul>		► Page 255 ► Page 258 ► See <i>Montage Solutions Specification Guide</i> .



### For Canadian Pricing

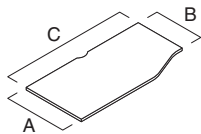
Multiply U.S. Price by the Canadian price factor.

► See page 1 for details.

## Specification Information

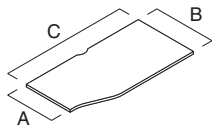
U.S. Base Price  
Laminate

• Dimensions			• Style	• Plastic
A	B	C	Number	3 mm
				Edge



## Left-Hand Worksurfaces

23½"	18⅜"	36⅞"	<b>MUT2136L</b>	\$398
23½"	18⅜"	42⅞"	<b>MUT2142L</b>	\$420
23½"	18⅜"	48⅞"	<b>MUT2148L</b>	\$488
23½"	18⅜"	54⅞"	<b>MUT2154L</b>	\$523
23½"	18⅜"	60⅞"	<b>MUT2160L</b>	\$557
29½"	23½"	36⅞"	<b>MUT3236L</b>	\$467
29½"	23½"	42⅞"	<b>MUT3242L</b>	\$494
29½"	23½"	48⅞"	<b>MUT3248L</b>	\$573
29½"	23½"	54⅞"	<b>MUT3254L</b>	\$617
29½"	23½"	60⅞"	<b>MUT3260L</b>	\$654



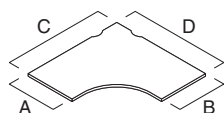
## Right-Hand Worksurfaces

18⅜"	23½"	36⅞"	<b>MUT1236R</b>	\$398
18⅜"	23½"	42⅞"	<b>MUT1242R</b>	\$420
18⅜"	23½"	48⅞"	<b>MUT1248R</b>	\$488
18⅜"	23½"	54⅞"	<b>MUT1254R</b>	\$523
18⅜"	23½"	60⅞"	<b>MUT1260R</b>	\$557
23½"	29½"	36⅞"	<b>MUT2336R</b>	\$467
23½"	29½"	42⅞"	<b>MUT2342R</b>	\$494
23½"	29½"	48⅞"	<b>MUT2348R</b>	\$573
23½"	29½"	54⅞"	<b>MUT2354R</b>	\$617
23½"	29½"	60⅞"	<b>MUT2360R</b>	\$654



**For Canadian Pricing**  
Multiply U.S. Price by the  
Canadian price factor.  
► See page 1 for details.

## Laminate



▶ See page 75 for application details.

### Required to Specify

- Worksurface: laminate price group 1
- 3 mm edge profile on front edge: plastic
- Plastic default flat profile on side and back edges
- Cable scallops on back edges

- 1 Style number
  - 2 Laminate color number for worksurface
  - 3 Plastic color number for front edge on laminate worksurface
  - 4 Options, if selected (see below)
- See *Surface Materials*, page 336.

	Options	U.S. Price	Required to Specify
Surface Materials	Laminate worksurfaces <ul style="list-style-type: none"><li>Laminate price group 2</li><li>Laminate price group 3</li><li>• Open Line laminate</li></ul>	See information at left See information at left +\$77 plus cost of laminate	Specify laminate color number. Specify laminate color number. ▶ See <i>Surface Materials Reference Manual</i> .
	Scallops <ul style="list-style-type: none"><li>• Omit scallops</li></ul>	No cost	Specify <i>omit scallops</i> .
Related Products	<ul style="list-style-type: none"><li>• Panel-mounted Universal Systems worksurface supports</li><li>• Legs and supports for Avenir Universal Systems Worksurfaces</li><li>• Worksurface power and communication components</li></ul>	▶ Page 255 ▶ Page 258	▶ See <i>Montage Solutions Specification Guide</i> .

### U.S. Base Price Laminate



Dimensions				Style Number	Plastic 3 mm Edge
A	B	C	D		
18 $\frac{3}{8}$ "	18 $\frac{3}{8}$ "	41 $\frac{5}{8}$ "	41 $\frac{5}{8}$ "	<b>MUCC1122</b>	\$517
18 $\frac{3}{8}$ "	18 $\frac{3}{8}$ "	47 $\frac{5}{8}$ "	47 $\frac{5}{8}$ "	<b>MUCC1188</b>	\$565
23 $\frac{1}{2}$ "	23 $\frac{1}{2}$ "	35 $\frac{5}{8}$ "	35 $\frac{5}{8}$ "	<b>MUCC2266</b>	\$495
23 $\frac{1}{2}$ "	23 $\frac{1}{2}$ "	41 $\frac{5}{8}$ "	41 $\frac{5}{8}$ "	<b>MUCC2222</b>	\$536
23 $\frac{1}{2}$ "	23 $\frac{1}{2}$ "	47 $\frac{5}{8}$ "	47 $\frac{5}{8}$ "	<b>MUCC2288</b>	\$595
23 $\frac{1}{2}$ "	23 $\frac{1}{2}$ "	59 $\frac{27}{32}$ "	59 $\frac{27}{32}$ "	<b>MUCC2200</b>	\$961
29 $\frac{1}{2}$ "	29 $\frac{1}{2}$ "	41 $\frac{5}{8}$ "	41 $\frac{5}{8}$ "	<b>MUCC3322</b>	\$583
29 $\frac{1}{2}$ "	29 $\frac{1}{2}$ "	47 $\frac{5}{8}$ "	47 $\frac{5}{8}$ "	<b>MUCC3388</b>	\$647



▶ See page 1 for details.





# Extended Corner, Curved-Front Worksurfaces

Laminate



Tip: Illustration above shows a left-hand worksurface.

Tip: Supports must be specified separately, including side support brackets for rear corner support in panel-mounted applications.

**For laminate group 2 and 3 pricing,** please refer to the electronic catalog or SmartTools.

Tip: Worksurface spans greater than 54" require additional support of a cantilever, pedestal, intermediate support, or leg. Exception; work-surfaces can span up to 60" in heavy load applications and up to 72" in light load applications if a reinforcing channel is used. Reinforcing channel must be specified separately.  
▶ Page 257

Tip: Not all Avenir Universal Systems Worksurface installations can be panel wrapped.  
▶ See page 75 for application details.

Standard Includes	Required to Specify
<ul style="list-style-type: none"> <li>▶ Need help? Product details, page 70</li> <li>• Worksurface: laminate price group 1</li> <li>• 3 mm edge profile on front edge: plastic</li> <li>• Plastic default flat profile on side and back edges</li> <li>• Cable scallops on back edges</li> </ul>	<ul style="list-style-type: none"> <li>1 Style number</li> <li>2 Laminate color number for worksurface</li> <li>3 Plastic color number for front edge on laminate worksurface</li> <li>4 Options, if selected (see below)</li> <li>▶ See <i>Surface Materials</i>, page 336.</li> </ul>

Options	U.S. Price	Required to Specify
<b>Surface Materials</b> <ul style="list-style-type: none"> <li>• <b>Laminate worksurfaces</b> <ul style="list-style-type: none"> <li>• Laminate price group 2</li> <li>• Laminate price group 3</li> <li>• Open Line laminate</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>See information at left</li> <li>See information at left</li> <li>+\$77 plus cost of laminate</li> </ul>	<ul style="list-style-type: none"> <li>Specify laminate color number.</li> <li>Specify laminate color number.</li> <li>▶ See <i>Surface Materials Reference Manual</i>.</li> </ul>
<b>Scallops</b> <ul style="list-style-type: none"> <li>• Omit scallops</li> </ul>	No cost	Specify <i>omit scallops</i> .
<b>Related Products</b> <ul style="list-style-type: none"> <li>• Panel-mounted Universal Systems worksurface supports</li> <li>• Reinforcing channel</li> <li>• Legs and supports for Avenir Universal Systems Worksurfaces</li> <li>• Worksurface power and communication components</li> </ul>		<ul style="list-style-type: none"> <li>▶ Page 255</li> <li>▶ Page 257</li> <li>▶ Page 258</li> <li>▶ See <i>Montage Solutions Specification Guide</i>.</li> </ul>



**For Canadian Pricing**  
Multiply U.S. Price by the Canadian price factor.  
▶ See page 1 for details.

## Specification Information

### U.S. Base Price Laminate



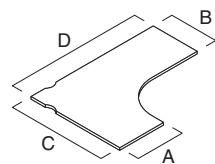
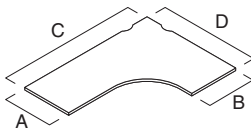
• Dimensions				• Style	• Plastic
A	B	C	D	Number	3 mm
					Edge

### Left-Hand Worksurfaces

23 1/2"	23 1/2"	59 27/32"	41 5/8"	<b>MUEC2202L</b>	\$ 791
23 1/2"	23 1/2"	65 27/32"	41 5/8"	<b>MUEC2262L</b>	\$ 866
23 1/2"	23 1/2"	71 27/32"	41 5/8"	<b>MUEC2222L</b>	\$ 936
23 1/2"	23 1/2"	59 27/32"	47 5/8"	<b>MUEC2208L</b>	\$ 813
23 1/2"	23 1/2"	65 27/32"	47 5/8"	<b>MUEC2268L</b>	\$ 881
23 1/2"	23 1/2"	71 27/32"	47 5/8"	<b>MUEC2228L</b>	\$ 952
29 1/2"	29 1/2"	59 27/32"	41 5/8"	<b>MUEC3302L</b>	\$ 899
29 1/2"	29 1/2"	65 27/32"	41 5/8"	<b>MUEC3362L</b>	\$ 972
29 1/2"	29 1/2"	71 27/32"	41 5/8"	<b>MUEC3322L</b>	\$1051
29 1/2"	29 1/2"	59 27/32"	47 5/8"	<b>MUEC3308L</b>	\$ 930
29 1/2"	29 1/2"	65 27/32"	47 5/8"	<b>MUEC3368L</b>	\$1004
29 1/2"	29 1/2"	71 27/32"	47 5/8"	<b>MUEC3328L</b>	\$1076

### Right-Hand Worksurfaces

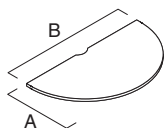
23 1/2"	23 1/2"	41 5/8"	59 27/32"	<b>MUEC2220R</b>	\$ 791
23 1/2"	23 1/2"	41 5/8"	65 27/32"	<b>MUEC2226R</b>	\$ 866
23 1/2"	23 1/2"	41 5/8"	71 27/32"	<b>MUEC2222R</b>	\$ 936
23 1/2"	23 1/2"	47 5/8"	59 27/32"	<b>MUEC2280R</b>	\$ 813
23 1/2"	23 1/2"	47 5/8"	65 27/32"	<b>MUEC2286R</b>	\$ 881
23 1/2"	23 1/2"	47 5/8"	71 27/32"	<b>MUEC2282R</b>	\$ 952
29 1/2"	29 1/2"	41 5/8"	59 27/32"	<b>MUEC3320R</b>	\$ 899
29 1/2"	29 1/2"	41 5/8"	65 27/32"	<b>MUEC3326R</b>	\$ 972
29 1/2"	29 1/2"	41 5/8"	71 27/32"	<b>MUEC3322R</b>	\$1051
29 1/2"	29 1/2"	47 5/8"	59 27/32"	<b>MUEC3380R</b>	\$ 930
29 1/2"	29 1/2"	47 5/8"	65 27/32"	<b>MUEC3386R</b>	\$1004
29 1/2"	29 1/2"	47 5/8"	71 27/32"	<b>MUEC3382R</b>	\$1076



 **For Canadian Pricing**  
Multiply U.S. Price by the  
Canadian price factor.  
► See page 1 for details.

# Spanner Worksurfaces

## Laminate




*Tip: Supports for freestanding and panel-mounted applications must be specified separately.*

**For laminate group 2 and 3 pricing, please refer to the electronic catalog or SmartTools.**

*Tip: Not all Avenir Universal Systems Worksurfaces installations can be panel wrapped.*  
▶ See page 75 for application details.

Standard Includes		Required to Specify
▶ Need help? Product details, page 70	<ul style="list-style-type: none"> <li>• Worksurface: laminate price group 1</li> <li>• 3 mm edge profile on front edge: plastic</li> <li>• Plastic default flat profile on side and back edges</li> </ul>	1 Style number 2 Laminate color number for worksurface 3 Plastic color number for front edge on laminate worksurface 4 Options, if selected (see below) ▶ See <i>Surface Materials</i> , page 336.
Surface Materials	Laminate worksurfaces	U.S. Price
	<ul style="list-style-type: none"> <li>• Laminate price group 2</li> <li>• Laminate price group 3</li> <li>• Open Line laminate</li> </ul>	See information at left See information at left +\$77 plus cost of laminate
Related Products	<ul style="list-style-type: none"> <li>• Panel-mounted Universal Systems worksurface supports</li> <li>• Legs and supports for Avenir Universal Systems Worksurfaces</li> <li>• Columns</li> <li>• Worksurface power and communication components</li> </ul>	Specify laminate color number. Specify laminate color number. ▶ See <i>Surface Materials Reference Manual</i> .  ▶ Page 255 ▶ Page 258  ▶ Page 261 ▶ See <i>Montage Solutions Specification Guide</i> .

### Specification Information

		U.S. Base Price
		Laminate
		
• Dimensions	• Style	• Plastic
A B	Number	3 mm
		Edge

### With 2" Notch for Use with Avenir Panels

30"	50 1/8"	MUSPC50	\$470
:	:	:	:



#### For Canadian Pricing

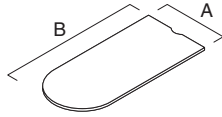
Multiply U.S. Price by the Canadian price factor.

▶ See page 1 for details.

# Bullet Peninsula Worksurfaces

Laminate

Bullet Peninsula  
Worksurfaces



*Tip: Supports for freestanding and panel-mounted applications must be specified separately.*

**For laminate group 2 and 3 pricing,** please refer to the electronic catalog or SmartTools.

*Tip: Worksurface spans greater than 54" require additional support of a cantilever, pedestal, intermediate support, or leg. Exception; work-surfaces can span up to 60" in heavy load applications and up to 72" in light load applications if a reinforcing channel is used. Reinforcing channel must be specified separately.*

► Page 257

*Tip: Not all Avenir Universal Systems Worksurface installations can be panel wrapped.*  
► See page 75 for application details.

*Tip: Bullet peninsula work-surfaces are recommended for use with other curved-front shapes such as corner, curved-front worksurfaces.*

► Page 244

## Standard Includes

► Need help?  
Product details,  
page 70

- Worksurface: laminate price group 1
- 3 mm edge profile on front edge: plastic
- Plastic default flat profile on side and back edges
- Cable scallop on back edge

## Required to Specify

- 1 Style number
  - 2 Laminate color number for worksurface
  - 3 Plastic color number for front edge on laminate worksurface
  - 4 Options, if selected (see below)
- See *Surface Materials*, page 336.

## Options

## U.S. Price

## Required to Specify

### Surface Materials

### Laminate worksurfaces

- Laminate price group 2
- Laminate price group 3
- Open Line laminate

See information at left  
See information at left  
+\$77  
plus cost of laminate

Specify laminate color number.  
Specify laminate color number.  
► See *Surface Materials Reference Manual*.

### Scallops

- Omit scallop

No cost

Specify *omit scallop*.

### Related Products

- Panel-mounted Universal Systems worksurface supports
- Legs and supports for Avenir Universal Systems Worksurfaces
- Columns
- Worksurface power and communication components

► Page 255  
► Page 258  
  
► Page 261  
► See *Montage Solutions Specification Guide*.

## Specification Information

### U.S. Base Price Laminate



### Dimensions A B

### Style Number

### Plastic 3 mm Edge

30" 59½"

UPBC3060

\$647

Universal Systems  
Worksurfaces



### For Canadian Pricing

Multiply U.S. Price by the Canadian price factor.

► See page 1 for details.

# Jetty Worksurfaces

## Laminate

*Tip: Supports for freestanding and panel-mounted applications must be specified separately.*

*Tip: Worksurface spans greater than 54" require additional support of a cantilever, pedestal, intermediate support, or leg. Exception; work-surfaces can span up to 60" in heavy load applications and up to 72" in light load applications if a reinforcing channel is used. Reinforcing channel must be specified separately.*

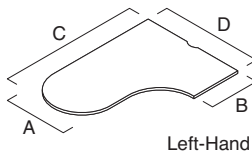
► Page 257

**For laminate group 2 and 3 pricing, please refer to the electronic catalog or SmartTools.**

*Tip: Not all Avenir Universal Systems Worksurface installations can be panel wrapped.*  
► See page 75 for application details.

*Tip: Jetty worksurfaces are recommended for use with other curved-front shapes such as corner, curved-front worksurfaces.*  
► Page 244

*Tip: To specify 3 mm edge profile, no suffix is required. For all other edge profiles, add a suffix to the style number. (For example, MUS1830 becomes MUS1830P for P-edge profile.)*





Left-Hand

Standard Includes	Required to Specify
<ul style="list-style-type: none"> <li>Need help? Product details, page 70</li> <li>Worksurface: laminate price group 1</li> <li>3 mm edge profile or P-edge profile on front edge: plastic</li> <li>Plastic default flat profile on side and back edges</li> <li>Cable scallop on back edge</li> </ul>	<ol style="list-style-type: none"> <li>1 Style number with appropriate edge profile suffix <ul style="list-style-type: none"> <li><b>P</b> Laminate with plastic P-edge</li> </ul> </li> <li>2 Laminate color number for worksurface</li> <li>3 Plastic color number for front edge on laminate worksurface</li> <li>4 Options, if selected (see below)</li> </ol> <p>► See <i>Surface Materials</i>, page 336.</p>

Options	U.S. Price	Required to Specify
<b>Surface Materials</b> <ul style="list-style-type: none"> <li><b>Laminate worksurfaces</b> <ul style="list-style-type: none"> <li>Laminate price group 2</li> <li>Laminate price group 3</li> <li>Open Line laminate</li> </ul> </li> </ul>	See information at left See information at left +\$77 plus cost of laminate	Specify laminate color number. Specify laminate color number. ► See <i>Surface Materials Reference Manual</i> .
<b>Scallops</b> <ul style="list-style-type: none"> <li>Omit scallop</li> </ul>	No cost	Specify <i>omit scallop</i> .
<b>Related Products</b> <ul style="list-style-type: none"> <li>Panel-mounted Universal Systems worksurface supports</li> <li>Legs and supports for Avenir Universal Systems Worksurfaces</li> <li>Columns</li> <li>Worksurface power and communication components</li> </ul>		► Page 255 ► Page 258  ► Page 261 ► See <i>Montage Solutions Specification Guide</i> .

### Specification Information

				U.S. Base Prices	
				Laminate	
					
• Dimensions				• Plastic	• Plastic
A	B	C	D	3 mm Edge	P-Edge
				No Suffix	Suffix P

### Left-Hand Worksurfaces

29½"	23½"	65½"	48"	<b>UJC3268L</b>	\$ 920	\$1043
29½"	23½"	71½"	48"	<b>UJC3228L</b>	\$ 951	\$1074
29½"	23½"	77½"	48"	<b>UJC3288L</b>	\$ 983	\$1106
29½"	29½"	65½"	48"	<b>UJC3368L</b>	\$ 950	\$1073
29½"	29½"	71½"	48"	<b>UJC3328L</b>	\$ 983	\$1106
29½"	29½"	77½"	48"	<b>UJC3388L</b>	\$1017	\$1140

► **Specification Information, continued on next page**



### For Canadian Pricing

Multiply U.S. Price by the Canadian price factor.

► See page 1 for details.

► Specification Information, continued from previous page

**Specification Information**

**U.S. Base Prices**  
**Laminate**



**Dimensions**

**A B C D**

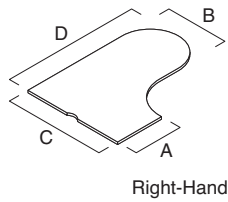
**Style  
Number**

**Plastic  
3 mm Edge**

**No Suffix**

**Plastic  
P-Edge**

**Suffix P**



Right-Hand

**Right-Hand Worksurfaces**

23½"	29½"	48"	65½"	<b>UJC2386R</b>	\$ 920	\$1043
23½"	29½"	48"	71½"	<b>UJC2382R</b>	\$ 951	\$1074
23½"	29½"	48"	77½"	<b>UJC2388R</b>	\$ 983	\$1106
29½"	29½"	48"	65½"	<b>UJC3386R</b>	\$ 950	\$1073
29½"	29½"	48"	71½"	<b>UJC3382R</b>	\$ 983	\$1106
29½"	29½"	48"	77½"	<b>UJC3388R</b>	\$1017	\$1140
:	:	:	:	:	:	:



**For Canadian Pricing**

Multiply U.S. Price by the  
Canadian price factor.

► See page 1 for details.

# Visitor Worksurfaces

## Laminate



*Tip: Supports for freestanding and panel-mounted applications must be specified separately.*

*Tip: Not all Avenir Universal Systems Worksurface installations can be panel wrapped.*

► See page 75 for application details.

**For laminate group 2 and 3 pricing, please refer to the electronic catalog or SmartTools.**

*Tip: Visitor worksurfaces are recommended for use with other curved-front shapes such as corner, curved-front worksurfaces.*

► Page 244

*Tip: Scallops are available only on visitor worksurfaces 36"W and wider.*

Standard Includes		Required to Specify	
► Need help? Product details, page 70	<ul style="list-style-type: none"> <li>• Worksurface: laminate price group 1</li> <li>• 3 mm edge profile or P-edge profile on front edge: plastic</li> <li>• Plastic default flat profile on side and back edges</li> <li>• Cable scallop on back edge of visitor worksurfaces 36"W and wider</li> </ul>	1 Style number with appropriate edge profile suffix <b>P</b> Laminate with plastic P-edge ► See edge profiles at right.	2 Laminate color number for worksurface 3 Plastic color number for front edge on laminate worksurface 4 Options, if selected (see below) ► See <i>Surface Materials</i> , page 336.
Surface Materials	Laminate worksurfaces	U.S. Price	Required to Specify
	<ul style="list-style-type: none"> <li>• Laminate price group 2</li> <li>• Laminate price group 3</li> <li>• Open Line laminate</li> </ul>	See information at left See information at left +\$77 plus cost of laminate	Specify laminate color number. Specify laminate color number. ► See <i>Surface Materials Reference Manual</i> .
Scallops	<ul style="list-style-type: none"> <li>• Omit scallop</li> </ul>	No cost	Specify <i>omit scallop</i> .
Related Products	<ul style="list-style-type: none"> <li>• Panel-mounted Universal Systems worksurface supports</li> <li>• Legs and supports for Avenir Universal Systems Worksurfaces</li> </ul>		► Page 255 ► Page 258



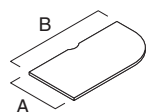
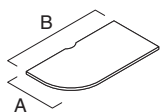
### For Canadian Pricing

Multiply U.S. Price by the Canadian price factor.



► See page 1 for details.



*Tip: To specify 3 mm edge profile, no suffix is required. For all other edge profiles, add a suffix to the style number. (For example, MUS1830 becomes MUS1830P for P-edge profile.)*



### Specification Information

Dimensions A B		Style Number	U.S. Base Prices Laminate	
			 Plastic 3 mm Edge No Suffix	 Plastic P-Edge Suffix P

### Visitor, Curved-Front Worksurfaces

#### Left-Hand Worksurfaces

23 1/2"	24"	<b>UVC2424L</b>	\$449	\$510
23 1/2"	30"	<b>UVC2430L</b>	\$482	\$543
23 1/2"	36"	<b>UVC2436L</b>	\$516	\$577
23 1/2"	42"	<b>UVC2442L</b>	\$549	\$610
23 1/2"	48"	<b>UVC2448L</b>	\$577	\$638
29 1/2"	30"	<b>UVC3030L</b>	\$496	\$557
29 1/2"	36"	<b>UVC3036L</b>	\$533	\$594
29 1/2"	42"	<b>UVC3042L</b>	\$563	\$624
29 1/2"	48"	<b>UVC3048L</b>	\$598	\$659

#### Right-Hand Worksurfaces

23 1/2"	24"	<b>UVC2424R</b>	\$449	\$510
23 1/2"	30"	<b>UVC2430R</b>	\$482	\$543
23 1/2"	36"	<b>UVC2436R</b>	\$516	\$577
23 1/2"	42"	<b>UVC2442R</b>	\$549	\$610
23 1/2"	48"	<b>UVC2448R</b>	\$577	\$638
29 1/2"	30"	<b>UVC3030R</b>	\$496	\$557
29 1/2"	36"	<b>UVC3036R</b>	\$533	\$594
29 1/2"	42"	<b>UVC3042R</b>	\$563	\$624
29 1/2"	48"	<b>UVC3048R</b>	\$598	\$659



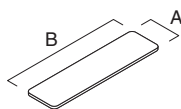
#### For Canadian Pricing

Multiply U.S. Price by the Canadian price factor.

► See page 1 for details.

# Transaction Worksurfaces

## Laminate



*Tip: Transaction worksurfaces can be used with 41"H panels only.*


**For laminate group 2 and 3 pricing,** please refer to the electronic catalog or SmartTools.

*Tip: Support brackets allow transaction worksurfaces to be attached to low or medium top caps. They cannot attach to panels with high top caps.*

Standard Includes	Required to Specify
<ul style="list-style-type: none"> <li>Need help? Product details, page 76</li> <li>Worksurface: laminate price group 1</li> <li>3 mm edge profile on front edge: plastic</li> <li>Plastic default flat profile on side and back edges</li> <li>Support brackets: paint</li> </ul>	<ul style="list-style-type: none"> <li>1 Style number</li> <li>2 Laminate color number for worksurface</li> <li>3 Plastic color number for front edge on laminate worksurface</li> <li>4 Paint color number for support bracket</li> <li>5 Options, if selected (see below)</li> <li>► See <i>Surface Materials</i>, page 336.</li> </ul>

Options	U.S. Price	Required to Specify
<b>Surface Materials</b> <ul style="list-style-type: none"> <li>Laminate worksurfaces</li> <li>Laminate price group 2</li> <li>Laminate price group 3</li> <li>Open Line laminate</li> </ul>	See information at left See information at left +\$77 plus cost of laminate	Specify laminate color number. Specify laminate color number. ► See <i>Surface Materials Reference Manual</i> .
<b>Support Brackets</b> <ul style="list-style-type: none"> <li>For use with low top cap</li> </ul>	No cost	Specify for use with low top cap.

### Specification Information

		U.S. Base Price Laminate
		
• Dimensions A B	• Style Number	• Plastic 3 mm Edge
•	•	•
•	•	•
•	•	•
•	•	•
•	•	•
•	•	•

### With Brackets for Use with Avenir Panels

15"	30 <sup>1</sup> / <sub>4</sub> "	<b>MUTR1630</b>	\$357
15"	36 <sup>1</sup> / <sub>4</sub> "	<b>MUTR1636</b>	\$388
15"	42 <sup>1</sup> / <sub>4</sub> "	<b>MUTR1642</b>	\$419
15"	48 <sup>1</sup> / <sub>4</sub> "	<b>MUTR1648</b>	\$444
15"	60 <sup>15</sup> / <sub>32</sub> "	<b>MUTR1660</b>	\$483
•	•	•	•



### For Canadian Pricing

Multiply U.S. Price by the Canadian price factor.

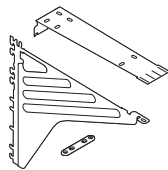
► See page 1 for details.

# Panel-Mounted Universal Systems Worksurface Supports

For Use with Avenir Panels

Panel-Mounted  
Universal Systems  
Worksurface Supports

## On-Module Cantilever



*Tip: 30"D straight and transition cantilevered worksurfaces require additional floor support along the front edge, such as a pedestal, end panel, post leg, side support bracket, or an adjacent return worksurface.*

Standard Includes	Required to Specify
<ul style="list-style-type: none"><li>▶ Need help? Product details, page 78</li><li>• Cantilever: paint</li><li>• Tie plate</li><li>• Attachment hardware</li></ul>	<ul style="list-style-type: none"><li>1 Style number</li><li>2 Paint color number for cantilever</li><li>▶ See <i>Surface Materials</i>, page 336.</li></ul>

Specification Information	
Style Number	U.S. Price
MUCANT	\$149
.	.
.	.

## Rear Corner Brackets



*Tip: Rear corner bracket includes a single bracket. To order a pair of handed brackets, specify the MSS side support bracket package.*

▶ Page 277

Standard Includes	Required to Specify
<ul style="list-style-type: none"><li>▶ Need help? Product details, page 78</li><li>• Rear corner bracket: black paint only</li><li>• Attachment hardware</li></ul>	<ul style="list-style-type: none"><li>Style number</li></ul>

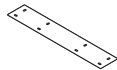
Specification Information	
Style Number	U.S. Price
MUCSBR	\$37
.	.
.	.

Universal Systems  
Worksurfaces



**For Canadian Pricing**  
Multiply U.S. Price by the  
Canadian price factor.  
▶ See page 1 for details.

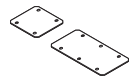
## Support Plates



*Tip: Support plate can also be used in freestanding applications.*

Standard Includes		Required to Specify
► Need help? Product details, page 108	<ul style="list-style-type: none"> <li>• Support plate: black paint only</li> <li>• Attachment hardware</li> </ul>	Style number
Specification Information		
• Dimensions	• Style Number	• U.S. Price
14"D	<b>TS714WSP</b>	\$81
20"D	<b>TS720WSP</b>	\$81

## Flush-Mount Brackets



Standard Includes		Required to Specify
<ul style="list-style-type: none"> <li>• Flush-mount brackets: black paint only</li> <li>• Attachment hardware</li> </ul>		Style number
Specification Information		
• Style Number	• U.S. Price	
<b>UFB</b>	\$30	

## Tie Plates

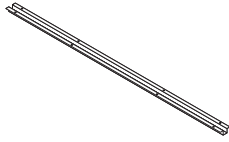


Standard Includes		Required to Specify
<ul style="list-style-type: none"> <li>• Package of six tie plates: black paint only</li> <li>• Attachment hardware</li> </ul>		Style number
Specification Information		
• Dimensions	• Style Number	• U.S. Price
3¾"L	<b>TS7TIEPLATE</b>	\$117



**For Canadian Pricing**  
Multiply U.S. Price by the  
Canadian price factor.  
► See page 1 for details.

## Reinforcing Channels



*Tip: Reinforcing channel can also be used in freestanding applications.*

Standard Includes		Required to Specify
► Need help? Product details, page 73	<ul style="list-style-type: none"> <li>Reinforcing channel: black paint only</li> <li>Attachment hardware</li> </ul>	Style number
Specification Information		
Dimensions	Style Number	U.S. Price
39"W	<b>TS7WKSPT39</b>	\$56
48"W	<b>TS7WKSPT48</b>	\$56
51"W	<b>TS7WKSPT51</b>	\$56
54"W	<b>TS7WKSPT54</b>	\$56
57"W	<b>TS7WKSPT</b>	\$56
60"W	<b>TS7WKSPT60</b>	\$56
63"W	<b>TS7WKSPT63</b>	\$56
66"W	<b>TS7WKSPT66</b>	\$56
72"W	<b>TS7WKSPT72</b>	\$56
:	:	:



**For Canadian Pricing**  
Multiply U.S. Price by the  
Canadian price factor.  
► See page 1 for details.

# Legs and Supports for Avenir Universal Systems Worksurfaces

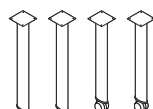
Without Alignment Tab

## Post Legs and Double Post Legs

*Tip: Height dimensions listed are nominal and include the thickness of a worksurface.*

*Tip: Standing height legs can be used as column support in panel-mounted applications only.*

*Tip: Corner worksurfaces require a leg in the back corner. Be sure to order fifth leg if specifying a package of four.*



Standard Includes	Required to Specify
-------------------	---------------------

<ul style="list-style-type: none"> <li>Need help? Product details, page 80</li> <li>Legs: paint</li> <li>Attachment hardware</li> <li>Non-locking caster, if selected: black plastic only</li> </ul>	<ul style="list-style-type: none"> <li>1 Style number</li> <li>2 Paint color number for leg</li> <li>3 Options, if selected (see below)</li> </ul> <p>► See <i>Surface Materials</i>, page 336.</p>
--	---

Options	U.S. Price	Required to Specify
---------	------------	---------------------

<b>Surface Materials</b> <ul style="list-style-type: none"> <li>Paint price group 1</li> <li>Paint price group 2</li> <li>Paint price group 3</li> </ul>	No cost +\$22 per leg +\$38 per leg	Specify paint color number. Specify paint color number. Specify paint color number.
--	---	---

### Specification Information

Planning Height	Style Number	U.S. Base Price	Planning Height	Style Number	U.S. Base Price
-----------------	--------------	-----------------	-----------------	--------------	-----------------

#### Post Leg with Glide

26"	UNPL	\$141
28½"	UPL	\$141
40⅞"	UHPL	\$177

#### Post Leg with Caster

26"	UNPLC	\$160
28½"	UPLC	\$160

#### Package of Four Post Legs with Glides

26"	UNPL4	\$564
28½"	UPL4	\$564

#### Package of Four Post Legs with Casters

26"	UNPL4C	\$640
28½"	UPL4C	\$640

#### Package of Four Post Legs with Two Glides and Two Casters

26"	UNPL4M	\$602
28½"	UPL4M	\$602

► Specification Information, continued on next page



### For Canadian Pricing

Multiply U.S. Price by the Canadian price factor.

► See page 1 for details.

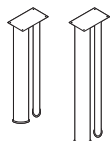
► Specification Information, continued from previous page

**Specification Information**

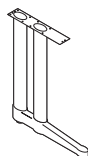
Planning Height	Style Number	U.S. Base Price
--------------------	-----------------	-----------------------

**Double Post Leg with Glides**

28½"	<b>UDPL</b>	\$396
40⅞"	<b>UHDPL</b>	\$464



*Tip: Double post legs can be used as a shared or column support in applications with other post legs.*



**Double Post C-Leg with Glides**

28½"	<b>UCL</b>	\$450
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**For Canadian Pricing**  
Multiply U.S. Price by the  
Canadian price factor.  
► See page 1 for details.

## Adjustable-Height Legs

*Tip: Corner worksurfaces require a leg in the back corner. Be sure to order fifth leg if specifying a package of four.*

*Tip: See Table and Leg Combinations page for number of legs required per work surface.*

► See Answer Solutions Specification Guide

*Tip: Height dimensions listed include the thickness of a work surface.*



Standard Includes	Required to Specify
<ul style="list-style-type: none"> <li>Need help? Product details, page 80</li> <li>Worksurface legs: paint</li> <li>Glides, if selected: paint to match legs</li> <li>Locking casters, if selected: paint to match legs</li> <li>Attachment hardware</li> </ul>	<ul style="list-style-type: none"> <li>1 Style number</li> <li>2 Paint color number for leg</li> <li>3 Options, if selected (see below)</li> <li>► See <i>Surface Materials</i>, page 336.</li> </ul>

Options	U.S. Price	Required to Specify
<b>Surface Materials</b> <ul style="list-style-type: none"> <li>Paint price group 1</li> <li>Paint price group 2</li> </ul>	No cost +\$22 per leg	Specify paint color number. Specify paint color number.

Specification Information					
Planning Height	Style Number	U.S. Base Price	Planning Height	Style Number	U.S. Base Price

### Adjustable-Height Leg with Glide

25½"–31½"	<b>UADJ</b>	\$232
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### Package of Four Adjustable-Height Legs with Glides

25½"–31½"	<b>UADJ4</b>	\$ 928
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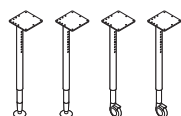


### Adjustable-Height Leg with Caster

25½"–31½"	<b>UADJC</b>	\$261
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### Package of Four Adjustable-Height Legs with Casters

25½"–31½"	<b>UADJ4C</b>	\$1044
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### Package of Four Adjustable-Height Legs with Two Glides and Two Casters

25½"–31½"	<b>UADJ4M</b>	\$ 986
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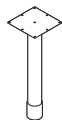
#### For Canadian Pricing

Multiply U.S. Price by the Canadian price factor.

► See page 1 for details.



## Columns



*Tip: Columns have a different aesthetic than post legs (round vs. elliptical). Columns can be used as column supports in applications without post legs.*

*Tip: Height dimensions include the thickness of a worksurface.*

Standard Includes		Required to Specify	
► Need help? Product details, page 80	<ul style="list-style-type: none"> <li>Column: paint</li> <li>Attachment hardware</li> </ul>	1 Style number 2 Paint color number for column 3 Options, if selected (see below) ► See <i>Surface Materials</i> , page 336	
Options		Required to Specify	
<b>Surface Materials</b>	<ul style="list-style-type: none"> <li>Paint price group 1</li> <li>Paint price group 2</li> <li>Paint price group 3</li> </ul>	No cost +\$22 per leg +\$38 per leg	Specify paint color number. Specify paint color number. Specify paint color number.
Specification Information			
Planning Height	Style Number	U.S. Base Price	
28½"	UCOL	\$312	
28½"–31⅝"	UADJCOL	\$383	
.	.	.	



**For Canadian Pricing**  
Multiply U.S. Price by the  
Canadian price factor.  
► See page 1 for details.



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# Specifying Avenir Worksurfaces

## **Avenir-Style 1½"-Thick Panel-Supported Worksurfaces**

Panel-Supported Radius-End Tables	<b>264</b>
Transaction Worksurfaces	<b>266</b>

## **Curvilinear Worksurfaces**

Corner Curvilinear Worksurfaces	<b>267</b>
Straight Worksurfaces for Use with Curvilinear Worksurfaces	<b>268</b>
Extended Corner Curvilinear Worksurfaces	<b>270</b>
Transitional Curvilinear Worksurfaces	<b>272</b>
Jetty Curvilinear Worksurfaces	<b>273</b>
Visitor Curvilinear Worksurfaces	<b>274</b>
Linking Curvilinear Worksurfaces	<b>275</b>
Spanner Curvilinear Worksurfaces	<b>276</b>

## **Worksurface Supports and Brackets** **277**

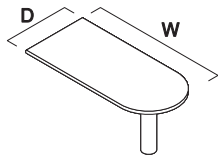
## **Related Products**

Worksurface Accessories	<b>285</b>
Worksurface Wiring and Cabling	<b>286</b>

# Panel-Supported Radius-End Tables

1½"-Thick

## Panel-Supported Radius-End Tables with Laminate Worksurface



**For laminate group 2 and 3 pricing, please refer to the electronic catalog or SmartTools.**

Standard Includes	Required to Specify
<ul style="list-style-type: none"> <li>Need help? Product details, page 90</li> <li>Worksurface: laminate price group 1</li> <li>Worksurface edge: plastic T-mold on user sides and default square plastic edge on straight edge</li> <li>Height-adjustable column support: all paint price groups</li> <li>Locking side support: black paint only</li> </ul>	<ul style="list-style-type: none"> <li>1 Style number</li> <li>2 Laminate color number for worksurface</li> <li>3 Plastic color number for plastic worksurface edge</li> <li>4 Paint color number for column support</li> <li>5 Options, if selected (see below)</li> <li>▶ See <i>Surface Materials</i>, page 336.</li> </ul>

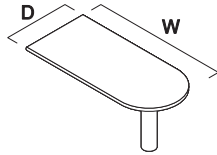
Options	U.S. Price	Required to Specify
<b>Surface Materials</b> <ul style="list-style-type: none"> <li>Worksurface <ul style="list-style-type: none"> <li>Laminate price group 2</li> <li>Laminate price group 3</li> <li>Open Line laminate</li> </ul> </li> </ul>	See information at left See information at left +\$ 77 plus cost of laminate	Specify laminate color number. Specify laminate color number. ▶ See <i>Surface Materials Reference Manual</i> .
<b>Column support</b> <ul style="list-style-type: none"> <li>Polished Chrome</li> </ul>	+\$126	Specify with 9201 Polished Chrome column.
<b>Grommets</b> <ul style="list-style-type: none"> <li>Available on 30"D and 36"D worksurfaces</li> </ul>	+\$ 48	Back left: <i>CWBL and plastic color number</i> Back right: <i>CWBR and plastic color number</i>
<b>Related Products</b> <ul style="list-style-type: none"> <li>Worksurface supports and brackets</li> <li>Worksurface accessories</li> <li>Worksurface wiring and cabling</li> <li>Mobile pedestals</li> </ul>		▶ Page 277 ▶ Page 285 ▶ Page 286 ▶ Page 294

Specification Information			
Dimensions		Style Number	U.S. Base Price
D	W		
30"	60"	<b>MPT6030</b>	\$1564
30"	66"	<b>MPT6630</b>	\$1586
30"	72"	<b>MPT7230</b>	\$1606
36"	60"	<b>MPT6036</b>	\$1732
36"	66"	<b>MPT6636</b>	\$1753
36"	72"	<b>MPT7236</b>	\$1774
.	.	.	.



**For Canadian Pricing**  
Multiply U.S. Price by the Canadian price factor.  
▶ See page 1 for details.

## Panel-Supported Radius-End Tables with Wood Worksurface



Standard Includes		Required to Specify	
<p>► Need help? Product details, page 90</p>	<ul style="list-style-type: none"> <li>• Worksurface: wood group 1</li> <li>• Worksurface edge: wood on exposed portion</li> <li>• Height-adjustable column support: all paint price groups</li> <li>• Locking side support: black paint only</li> </ul>	<p>1 Style number 2 Wood color number for worksurface and worksurface edge 3 Paint color number for column support 4 Options, if selected (see below) ► See <i>Surface Materials</i>, page 336.</p>	
Options		U.S. Price	Required to Specify
<b>Surface Materials</b>	<b>Worksurface</b>		
	<ul style="list-style-type: none"> <li>• Customiz stain on wood</li> <li>• Full-fill finish on wood group 1</li> </ul>	<p>No cost</p> <p>+\$107</p>	<p>Specify with <i>Customiz stain</i>. ► See <i>Surface Materials Reference Manual</i>. Specify with <i>full-fill finish</i> and select wood color number. ► See <i>Surface Materials</i>, page 336.</p>
<b>Column support</b>			
<ul style="list-style-type: none"> <li>• Polished Chrome</li> </ul>		+\$126	Specify with <i>9201 Polished Chrome column</i> .
<b>Grommets</b>	<ul style="list-style-type: none"> <li>• Grommets</li> </ul>	+\$ 48	<p>Back left: <i>CWBL and plastic color number</i> Back right: <i>CWBR and plastic color number</i></p>
<b>Related Products</b>	<ul style="list-style-type: none"> <li>• Worksurface supports and brackets</li> <li>• Worksurface accessories</li> <li>• Worksurface wiring and cabling</li> <li>• Mobile pedestals</li> </ul>		<p>► Page 277 ► Page 285 ► Page 286 ► Page 294</p>

### Specification Information

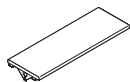
Dimensions		Style Number	U.S. Base Price
D	W		
30"	60"	<b>MWPT6030</b>	\$2182
30"	66"	<b>MWPT6630</b>	\$2210
30"	72"	<b>MWPT7230</b>	\$2230
.	.	.	.



**For Canadian Pricing**  
Multiply U.S. Price by the  
Canadian price factor.  
► See page 1 for details.

# Transaction Worksurfaces

1<sup>3</sup>/<sub>16</sub>"-Thick



*Tip: Transaction worksurfaces can only be used with 41"H panels.*

**For laminate group 2 and 3 pricing, please refer to the electronic catalog or SmartTools.**

*Tip: Support brackets allow transaction worksurfaces to be attached to low or medium top caps.*

	Standard Includes	Required to Specify
► Need help? Product details, page 92	<ul style="list-style-type: none"> <li>• Worksurface: laminate price group 1</li> <li>• Front and back worksurface edge: plastic T-mold</li> <li>• Side edges: plastic default square edge</li> <li>• Support brackets for use with medium top cap: all paint price groups</li> </ul>	1 Style number 2 Laminate color number for worksurface 3 Plastic color number for transaction worksurface edge 4 Paint color number for support brackets 5 Options, if selected (see below) ► See <i>Surface Materials</i> , page 336.

	Options	U.S. Price	Required to Specify
<b>Surface Materials</b>	<b>Worksurface</b> <ul style="list-style-type: none"> <li>• Laminate price group 2</li> <li>• Laminate price group 3</li> <li>• Open Line laminate</li> </ul>	See information at left See information at left +\$77 plus cost of laminate	Specify laminate color number. Specify laminate color number. ► See <i>Surface Materials Reference Manual</i> .
<b>Support Brackets</b>	<ul style="list-style-type: none"> <li>• For use with low top cap</li> </ul>	No cost	Replace suffix <b>M</b> in style number with <b>L</b> . Example: MTWS3017L

Specification Information			
• Dimensions	• Style	• U.S.	
D W	Number	Base Price	
•	•	•	
•	•	•	
•	•	•	

## Straight Transaction Worksurfaces

16 <sup>5</sup> / <sub>8</sub> "	30 <sup>1</sup> / <sub>4</sub> "	<b>MTWS3017M</b>	\$543
16 <sup>5</sup> / <sub>8</sub> "	36 <sup>1</sup> / <sub>4</sub> "	<b>MTWS3617M</b>	\$586
16 <sup>5</sup> / <sub>8</sub> "	42 <sup>1</sup> / <sub>4</sub> "	<b>MTWS4217M</b>	\$631
16 <sup>5</sup> / <sub>8</sub> "	48 <sup>1</sup> / <sub>4</sub> "	<b>MTWS4817M</b>	\$674
16 <sup>5</sup> / <sub>8</sub> "	60 <sup>15</sup> / <sub>32</sub> "	<b>MTWS6017M</b>	\$727
•	•	•	•

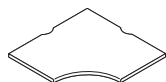


**For Canadian Pricing**  
 Multiply U.S. Price by the  
 Canadian price factor.  
 ► See page 1 for details.

# Corner Curvilinear Worksurfaces

1½"-Thick

Corner Curvilinear  
Worksurfaces



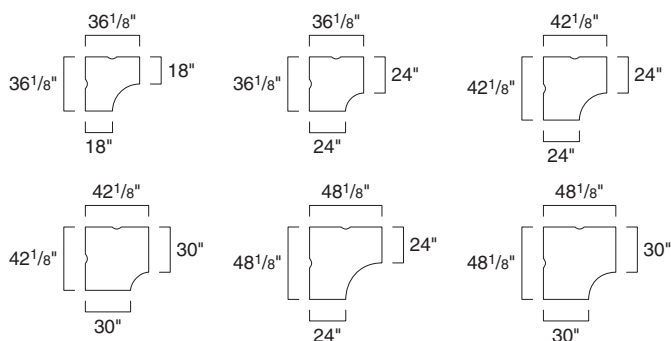
**For laminate group 2 and 3 pricing, please refer to the electronic catalog or SmartTools.**

Standard Includes	Required to Specify
<ul style="list-style-type: none"> <li>Need help? Product details, page 96</li> <li>Worksurface: laminate price group 1</li> <li>Radius-edge T-mold on user's side: plastic</li> <li>Side and back edges: plastic square edge default</li> <li>Rear corner bracket: black paint only</li> <li>Cable scallops centered on the width edges</li> </ul>	<ul style="list-style-type: none"> <li>1 Style number</li> <li>2 Laminate color number for worksurface</li> <li>3 Plastic color number for T-mold edge</li> <li>4 Options, if selected (see below)</li> <li>▶ See <i>Surface Materials</i>, page 336.</li> </ul>

Options	U.S. Price	Required to Specify
<b>Surface Materials</b> <ul style="list-style-type: none"> <li>Worksurface</li> <li>Laminate price group 2</li> <li>Laminate price group 3</li> <li>Open Line laminate</li> </ul>	See information at left See information at left +\$77 plus cost of laminate	Specify laminate color number. Specify laminate color number. ▶ See <i>Surface Materials Reference Manual</i> .
<b>Related Products</b> <ul style="list-style-type: none"> <li>Worksurface supports and brackets</li> <li>Worksurface accessories</li> <li>Worksurface wiring and cabling</li> <li>Storage accessories</li> </ul>		▶ Page 277 ▶ Page 285 ▶ Page 286 ▶ Page 297

Specification Information				
Dimensions			Style	U.S.
D	W	Radius	Number	Base Price
18"	36⅛"	18"	<b>PCWRC3618</b>	\$500
24"	36⅛"	12"	<b>PCWRC3624</b>	\$688
24"	42⅛"	18"	<b>PCWRC4224</b>	\$754
24"	48⅛"	18"	<b>PCWRC4824</b>	\$841
30"	42⅛"	12"	<b>PCWRC4230</b>	\$826
30"	48⅛"	18"	<b>PCWRC4830</b>	\$922
:	:	:	:	:

## Corner Curved-Edge Worksurfaces



Worksurfaces



**For Canadian Pricing**  
Multiply U.S. Price by the  
Canadian price factor.  
▶ See page 1 for details.

# Straight Worksurfaces for Use with Curvilinear Worksurfaces

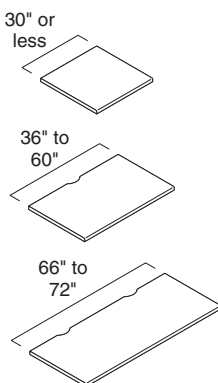
1 1/2"-Thick

	Standard Includes	Required to Specify
► Need help? Product details, page 98	<ul style="list-style-type: none"> <li>• Worksurface: laminate price group 1</li> <li>• Radius-edge T-mold on user's side: plastic</li> <li>• Side and back edges: plastic square edge default</li> <li>• Center support on 66"W and 72"W worksurfaces: black paint only</li> <li>• Cable scallop(s) on worksurfaces that are 36"W or wider</li> </ul>	1 Style number 2 Laminate color number for worksurface 3 Plastic color number for T-mold edge 4 Options, if selected (see below) ► See <i>Surface Materials</i> , page 336.

	Options	U.S. Price	Required to Specify
<b>Surface Materials</b>	<b>Worksurface</b> <ul style="list-style-type: none"> <li>• Laminate price group 2</li> <li>• Laminate price group 3</li> <li>• Open Line laminate</li> </ul>	See information at left See information at left +\$77 plus cost of laminate	Specify laminate color number. Specify laminate color number. ► See <i>Surface Materials Reference Manual</i> .
<b>Related Products</b>	<ul style="list-style-type: none"> <li>• Worksurface supports and brackets</li> <li>• Worksurface accessories</li> <li>• Worksurface wiring and cabling</li> <li>• Pedestals</li> <li>• Storage accessories</li> </ul>		► Page 277 ► Page 285 ► Page 286 ► Pages 292–295 ► Page 297

**For laminate group 2 and 3 pricing, please refer to the electronic catalog or SmartTools.**

*Tip: Not all curvilinear work-surface installations can be panel wrapped.*  
 ► See page 94 for application details.



Specification Information			
Dimensions		Style	U.S.
D	W	Number	Base Price

## 24"D Worksurfaces

24"	24 1/8"	<b>PWRC2424</b>	\$319
24"	30 1/8"	<b>PWRC3024</b>	\$344
24"	36 1/8"	<b>PWRC3624</b>	\$361
24"	42 1/8"	<b>PWRC4224</b>	\$391
24"	48 1/8"	<b>PWRC4824</b>	\$463
24"	54 11/32"	<b>PWRC5424</b>	\$496
24"	60 11/32"	<b>PWRC6024</b>	\$530
24"	66 11/32"	<b>PWRC6624</b>	\$590
24"	72 11/32"	<b>PWRC7224</b>	\$660

► **Specification Information, continued on next page**

  
**For Canadian Pricing**  
 Multiply U.S. Price by the  
 Canadian price factor.  
 ► See page 1 for details.



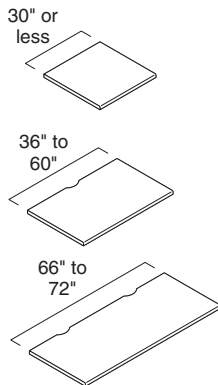
► **Specification Information, continued from previous page**

**Specification Information**

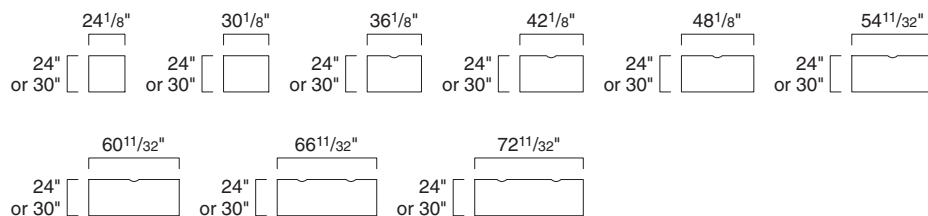
• Dimensions	• Style	• U.S.
D W	Number	Base
		Price

**30"D Worksurfaces**

30"	24 <sup>1</sup> / <sub>8</sub> "	<b>PWRC2430</b>	\$442
30"	30 <sup>1</sup> / <sub>8</sub> "	<b>PWRC3030</b>	\$469
30"	36 <sup>1</sup> / <sub>8</sub> "	<b>PWRC3630</b>	\$500
30"	42 <sup>1</sup> / <sub>8</sub> "	<b>PWRC4230</b>	\$530
30"	48 <sup>1</sup> / <sub>8</sub> "	<b>PWRC4830</b>	\$602
30"	54 <sup>11</sup> / <sub>32</sub> "	<b>PWRC5430</b>	\$642
30"	60 <sup>11</sup> / <sub>32</sub> "	<b>PWRC6030</b>	\$679
30"	66 <sup>11</sup> / <sub>32</sub> "	<b>PWRC6630</b>	\$743
30"	72 <sup>11</sup> / <sub>32</sub> "	<b>PWRC7230</b>	\$811



**Straight Worksurfaces**



  
**For Canadian Pricing**  
Multiply U.S. Price by the  
Canadian price factor.  
► See page 1 for details.

# Extended Corner Curvilinear Worksurfaces

1 1/2"-Thick

*Tip: Not all curvilinear work-surface installations can be panel wrapped.*

► See page 94 for application details.

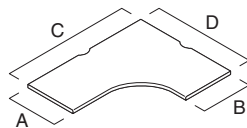
**For laminate group 2 and 3 pricing, please refer to the electronic catalog or SmartTools.**

Standard Includes	Required to Specify
<ul style="list-style-type: none"> <li>► Need help? Product details, page 96</li> <li>• Worksurface: laminate price group 1</li> <li>• Radius-edge T-mold on user's side: plastic</li> <li>• Side and back edges: plastic square edge default</li> <li>• Rear corner bracket: black paint only</li> <li>• Cable scallops centered on the width edges</li> <li>• Cable scallop(s) on the length edges</li> <li>• Center support on 72"W worksurfaces: black paint only</li> </ul>	<ul style="list-style-type: none"> <li>1 Style number</li> <li>2 Laminate color number for worksurface</li> <li>3 Plastic color number for T-mold edge</li> <li>4 Options, if selected (see below)</li> <li>► See <i>Surface Materials</i>, page 336.</li> </ul>

Options	U.S. Price	Required to Specify
<b>Surface Materials</b> <ul style="list-style-type: none"> <li>• Worksurface</li> <li>• Laminate price group 2</li> <li>• Laminate price group 3</li> <li>• Open Line laminate</li> </ul>	See information at left See information at left +\$77 plus cost of laminate	Specify laminate color number. Specify laminate color number. ► See <i>Surface Materials Reference Manual</i> .
<b>Related Products</b> <ul style="list-style-type: none"> <li>• Worksurface supports and brackets</li> <li>• Worksurface accessories</li> <li>• Worksurface wiring and cabling</li> <li>• Pedestals</li> <li>• Storage accessories</li> </ul>		► Page 277 ► Page 285 ► Page 286 ► Pages 292–295 ► Page 297

## Specification Information

Dimensions	Style Number	U.S. Base Price
A B C D Radius		



### Left-Hand

24"	24"	60 11/32"	48 1/8"	18"	<b>PCWRL226048</b>	\$1218
30"	30"	60 11/32"	48 1/8"	18"	<b>PCWRL336048</b>	\$1342
24"	30"	60 11/32"	48 1/8"	18"	<b>PCWRL236048</b>	\$1342
30"	24"	60 11/32"	48 1/8"	18"	<b>PCWRL326048</b>	\$1342
24"	24"	72 11/32"	48 1/8"	18"	<b>PCWRL227248</b>	\$1440
30"	30"	72 11/32"	48 1/8"	18"	<b>PCWRL337248</b>	\$1567
24"	30"	72 11/32"	48 1/8"	18"	<b>PCWRL237248</b>	\$1567
30"	24"	72 11/32"	48 1/8"	18"	<b>PCWRL327248</b>	\$1567

► **Specification Information, continued on next page**



### For Canadian Pricing

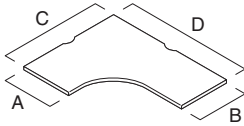
Multiply U.S. Price by the Canadian price factor.

► See page 1 for details.

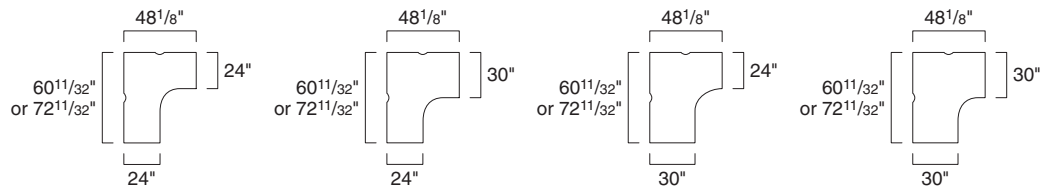
► Specification Information, continued from previous page

Specification Information

Dimensions					Style Number	U.S. Base Price
A	B	C	D	Radius		
<b>Right-Hand</b>						
24"	24"	48 <sup>1</sup> / <sub>8</sub> "	60 <sup>11</sup> / <sub>32</sub> "	18"	<b>PCWRR224860</b>	\$1218
30"	30"	48 <sup>1</sup> / <sub>8</sub> "	60 <sup>11</sup> / <sub>32</sub> "	18"	<b>PCWRR334860</b>	\$1342
24"	30"	48 <sup>1</sup> / <sub>8</sub> "	60 <sup>11</sup> / <sub>32</sub> "	18"	<b>PCWRR234860</b>	\$1342
30"	24"	48 <sup>1</sup> / <sub>8</sub> "	60 <sup>11</sup> / <sub>32</sub> "	18"	<b>PCWRR324860</b>	\$1342
24"	24"	48 <sup>1</sup> / <sub>8</sub> "	72 <sup>11</sup> / <sub>32</sub> "	18"	<b>PCWRR224872</b>	\$1440
30"	30"	48 <sup>1</sup> / <sub>8</sub> "	72 <sup>11</sup> / <sub>32</sub> "	18"	<b>PCWRR334872</b>	\$1567
24"	30"	48 <sup>1</sup> / <sub>8</sub> "	72 <sup>11</sup> / <sub>32</sub> "	18"	<b>PCWRR234872</b>	\$1567
30"	24"	48 <sup>1</sup> / <sub>8</sub> "	72 <sup>11</sup> / <sub>32</sub> "	18"	<b>PCWRR324872</b>	\$1567



Extended Corner Worksurfaces



**For Canadian Pricing**  
Multiply U.S. Price by the  
Canadian price factor.  
► See page 1 for details.

# Transitional Curvilinear Worksurfaces

1½"-Thick

*Tip: Not all curvilinear work-surface installations can be panel wrapped.*

► See page 94 for application details.

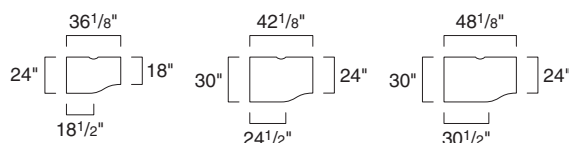
**For laminate group 2 and 3 pricing, please refer to the electronic catalog or SmartTools.**

Standard Includes	Required to Specify
<ul style="list-style-type: none"> <li>Need help? Product details, page 98</li> <li>Worksurface: laminate price group 1</li> <li>Radius-edge T-mold on user's side: plastic</li> <li>Side and back edges: plastic square edge default</li> <li>Cable scallop centered on the straight edge</li> </ul>	<ul style="list-style-type: none"> <li>1 Style number</li> <li>2 Laminate color number for worksurface</li> <li>3 Plastic color number for T-mold edge</li> <li>4 Options, if selected (see below)</li> </ul> <p>► See <i>Surface Materials</i>, page 336.</p>

Options	U.S. Price	Required to Specify
<b>Surface Materials</b> <ul style="list-style-type: none"> <li>Worksurface</li> <li>Laminate price group 2</li> <li>Laminate price group 3</li> <li>Open Line laminate</li> </ul>	See information at left See information at left +\$77 plus cost of laminate	Specify laminate color number. Specify laminate color number. ► See <i>Surface Materials Reference Manual</i> .
<b>Related Products</b> <ul style="list-style-type: none"> <li>Worksurface supports and brackets</li> <li>Worksurface accessories</li> <li>Worksurface wiring and cabling</li> <li>Pedestals</li> <li>Storage accessories</li> </ul>		► Page 277 ► Page 285 ► Page 286 ► Pages 292–295 ► Page 297

Specification Information				
Dimensions			Style Number	U.S. Base Price
A	B	C		
<b>Left-Hand</b>				
24"	18"	36⅛"	<b>PTRWL2136</b>	\$602
30"	24"	42⅛"	<b>PTRWL3242</b>	\$744
30"	24"	48⅛"	<b>PTRWL3248</b>	\$869
:	:	:	:	:
<b>Right-Hand</b>				
18"	24"	36⅛"	<b>PTRWR1236</b>	\$602
24"	30"	42⅛"	<b>PTRWR2342</b>	\$744
24"	30"	48⅛"	<b>PTRWR2348</b>	\$869
:	:	:	:	:

## Transitional Worksurfaces



### For Canadian Pricing

Multiply U.S. Price by the Canadian price factor.

► See page 1 for details.

# Jetty Curvilinear Worksurfaces

1½"-Thick

Jetty Curvilinear  
Worksurfaces

*Tip: Not all curvilinear work-surface installations can be panel wrapped.*

► See page 94 for application details.

**For laminate group 2 and 3 pricing, please refer to the electronic catalog or SmartTools.**

Standard Includes	Required to Specify
<p>► Need help? Product details, page 100</p> <ul style="list-style-type: none"> <li>• Worksurface: laminate price group 1</li> <li>• Radius-edge T-mold on user's side: plastic</li> <li>• Side and back edges: plastic square edge default</li> <li>• Column base: all paint price groups</li> <li>• Locking side support: black paint only</li> <li>• Cable scallops centered on 48" side</li> </ul>	<ul style="list-style-type: none"> <li>1 Style number</li> <li>2 Laminate color number for worksurface</li> <li>3 Plastic color number for T-mold edge</li> <li>4 Paint color number for column base and conference end panel</li> <li>5 Options, if selected (see below)</li> </ul> <p>► See <i>Surface Materials</i>, page 336.</p>

Options	U.S. Price	Required to Specify
<p><b>Surface Materials</b></p> <p><b>Worksurface</b></p> <ul style="list-style-type: none"> <li>• Laminate price group 2</li> <li>• Laminate price group 3</li> <li>• Open Line laminate</li> </ul>	<p>See information at left</p> <p>See information at left</p> <p>+\$77</p> <p>plus cost of laminate</p>	<p>Specify laminate color number.</p> <p>Specify laminate color number.</p> <p>► See <i>Surface Materials Reference Manual</i>.</p>
<p><b>Related Products</b></p> <ul style="list-style-type: none"> <li>• Worksurface supports and brackets</li> <li>• Worksurface accessories</li> <li>• Worksurface wiring and cabling</li> <li>• Storage accessories</li> </ul>		<p>► Page 277</p> <p>► Page 285</p> <p>► Page 286</p> <p>► Page 297</p>

## Specification Information

Dimensions					Style Number	U.S. Base Price
A	B	C	D	Radius		

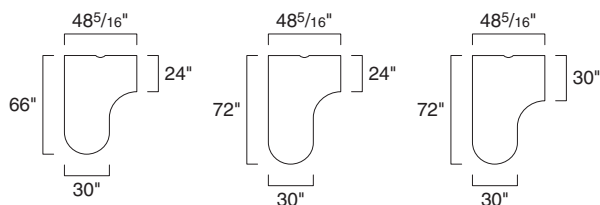
### Left-Hand

30"	24"	66"	48"	18"	<b>PJWL326648</b>	\$2046
30"	24"	72"	48"	18"	<b>PJWL327248</b>	\$2095
30"	30"	72"	48"	18"	<b>PJWL337248</b>	\$2144
:	:	:	:	:	:	:

### Right-Hand

24"	30"	48"	66"	18"	<b>PJWR234866</b>	\$2046
24"	30"	48"	72"	18"	<b>PJWR234872</b>	\$2095
30"	30"	48"	72"	18"	<b>PJWR334872</b>	\$2144
:	:	:	:	:	:	:

### Jetty Worksurfaces



#### For Canadian Pricing

Multiply U.S. Price by the Canadian price factor.

► See page 1 for details.

# Visitor Curvilinear Worksurfaces

1 1/2"-Thick

*Tip: Not all curvilinear work-surface installations can be panel wrapped.*

► See page 94 for application details.

**For laminate group 2 and 3 pricing, please refer to the electronic catalog or SmartTools.**

Standard Includes	Required to Specify
<ul style="list-style-type: none"> <li>Need help? Product details, page 102</li> <li>Worksurface: laminate price group 1</li> <li>Radius-edge T-mold on user's side: plastic</li> <li>Side and back edges: plastic square edge default</li> <li>Conference end panel: all paint price groups</li> </ul>	<ul style="list-style-type: none"> <li>1 Style number</li> <li>2 Laminate color number for worksurface</li> <li>3 Plastic color number for T-mold edge</li> <li>4 Paint color number for conference end panel</li> <li>5 Options, if selected (see below)</li> <li>► See <i>Surface Materials</i>, page 336.</li> </ul>

Options	U.S. Price	Required to Specify
<b>Surface Materials</b> <ul style="list-style-type: none"> <li>Worksurface</li> <li>Laminate price group 2</li> <li>Laminate price group 3</li> <li>Open Line laminate</li> </ul>	See information at left See information at left +\$77 plus cost of laminate	Specify laminate color number. Specify laminate color number. ► See <i>Surface Materials Reference Manual</i> .
<b>Related Products</b> <ul style="list-style-type: none"> <li>Worksurface supports and brackets</li> <li>Worksurface accessories</li> <li>Worksurface wiring and cabling</li> <li>Storage accessories</li> </ul>		► Page 277 ► Page 285 ► Page 286 ► Page 297

## Specification Information

Dimensions	Radius	Style Number	U.S. Base Price
D W			

### Left-Hand

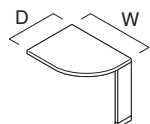
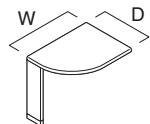
24"	24 <sup>5</sup> / <sub>16</sub> "	12"	<b>PVWRL2424</b>	\$680
24"	30 <sup>5</sup> / <sub>16</sub> "	12"	<b>PVWRL2430</b>	\$736
24"	36 <sup>5</sup> / <sub>16</sub> "	12"	<b>PVWRL2436</b>	\$781
30"	30 <sup>5</sup> / <sub>16</sub> "	12"	<b>PVWRL3030</b>	\$757

### Right-Hand

24"	24 <sup>5</sup> / <sub>16</sub> "	12"	<b>PVWRR2424</b>	\$680
24"	30 <sup>5</sup> / <sub>16</sub> "	12"	<b>PVWRR2430</b>	\$736
24"	36 <sup>5</sup> / <sub>16</sub> "	12"	<b>PVWRR2436</b>	\$781
30"	30 <sup>5</sup> / <sub>16</sub> "	12"	<b>PVWRR3030</b>	\$757

### Visitor Worksurfaces

24 <sup>5</sup> / <sub>16</sub> "	30 <sup>5</sup> / <sub>16</sub> "	30 <sup>5</sup> / <sub>16</sub> "	36 <sup>5</sup> / <sub>16</sub> "
24"	24"	30"	24"

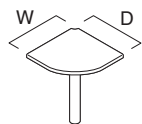


**For Canadian Pricing**  
 Multiply U.S. Price by the Canadian price factor.  
 ► See page 1 for details.

# Linking Curvilinear Worksurfaces

1 1/2"-Thick

Linking Curvilinear  
Worksurfaces



*Tip: These worksurfaces are 2" deeper to allow for panel thickness.*

**For laminate group 2 and 3 pricing, please refer to the electronic catalog or SmartTools.**

*Tip: Not all curvilinear work-surface installations can be panel wrapped.*

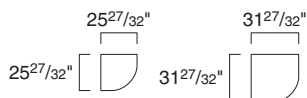
► See page 94 for application details.

Standard Includes	Required to Specify
<ul style="list-style-type: none"> <li>► Need help? Product details, page 102</li> <li>• Worksurface: laminate price group 1</li> <li>• Radius-edge T-mold on user's side: plastic</li> <li>• Side and back edges: plastic square edge default</li> <li>• Column support: all paint price groups</li> <li>• Cable scallop at back corner</li> </ul>	<ul style="list-style-type: none"> <li>1 Style number</li> <li>2 Laminate color number for worksurface</li> <li>3 Plastic color number for T-mold edge</li> <li>4 Paint color number for column support</li> <li>5 Options, if selected (see below)</li> <li>► See <i>Surface Materials</i>, page 336.</li> </ul>

Options	U.S. Price	Required to Specify
<b>Surface Materials</b> <ul style="list-style-type: none"> <li>• Worksurface</li> <li>• Laminate price group 2</li> <li>• Laminate price group 3</li> <li>• Open Line laminate</li> </ul>	See information at left See information at left +\$77 plus cost of laminate	Specify laminate color number. Specify laminate color number. ► See <i>Surface Materials Reference Manual</i> .
<b>Related Products</b> <ul style="list-style-type: none"> <li>• Worksurface supports and brackets</li> <li>• Worksurface accessories</li> <li>• Worksurface wiring and cabling</li> <li>• Storage accessories</li> </ul>		► Page 277 ► Page 285 ► Page 286 ► Page 297

Specification Information				
Dimensions			Style	U.S.
D	W	Radius	Number	Base Price
25 <sup>27/32</sup> "	25 <sup>27/32</sup> "	18"	PLWR2424	\$891
31 <sup>27/32</sup> "	31 <sup>27/32</sup> "	18"	PLWR3030	\$891

## Linking Worksurface



Worksurfaces



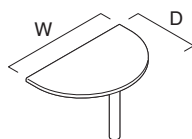
## For Canadian Pricing

Multiply U.S. Price by the Canadian price factor.

► See page 1 for details.

# Spanner Curvilinear Worksurfaces

1 1/2"-Thick



*Tip: Not all curvilinear work surface installations can be panel wrapped.*

► See page 94 for application details.

*Tip: Shared cantilevers must be used on both sides of the work surface.*

**For laminate group 2 and 3 pricing, please refer to the electronic catalog or SmartTools.**

Standard Includes	Required to Specify
<ul style="list-style-type: none"> <li>Need help? Product details, page 102</li> <li>Worksurface: laminate price group 1</li> <li>Radius-edge T-mold on user's side: plastic</li> <li>Side and back edges: plastic square edge default</li> <li>Column support for panel-mounted applications: all paint price groups</li> </ul>	<ul style="list-style-type: none"> <li>1 Style number</li> <li>2 Laminate color number for worksurface</li> <li>3 Plastic color number for T-mold edge</li> <li>4 Paint color number for column support</li> <li>► See <i>Surface Materials</i>, page 336.</li> </ul>

Options	U.S. Price	Required to Specify
<b>Surface Materials</b> <ul style="list-style-type: none"> <li>Worksurface</li> <li>Laminate price group 2</li> <li>Laminate price group 3</li> <li>Open Line laminate</li> </ul>	See information at left See information at left +\$77 plus cost of laminate	Specify laminate color number. Specify laminate color number. ► See <i>Surface Materials Reference Manual</i> .
<b>Related Products</b> <ul style="list-style-type: none"> <li>Worksurface supports and brackets</li> <li>Worksurface accessories</li> <li>Worksurface wiring and cabling</li> <li>Storage accessories</li> </ul>		► Page 277 ► Page 285 ► Page 286 ► Page 297

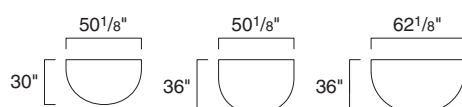
## Specification Information

Dimensions	Style Number	U.S. Base Price
D W		

## Panel-Supported

30"	50 1/8"	<b>PSPWR3050</b>	\$1291
36"	50 1/8"	<b>PSPWR3650</b>	\$1486
36"	62 1/8"	<b>PSPWR3662</b>	\$1486
:	:	:	:

## Spanner Worksurfaces



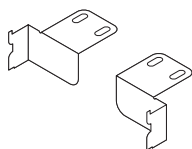
### For Canadian Pricing

Multiply U.S. Price by the Canadian price factor.

► See page 1 for details.



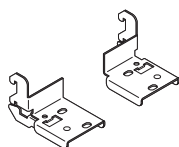
## Side Supports



*Tip: Side support bracket package includes a pair of handed brackets. Only one bracket is required for rear corner support of Avenir Universal Systems corner worksurface. Specify one package for every two corner worksurfaces.*

Standard Includes		Required to Specify
► Need help? Product details, page 104	• Pair of side supports: black paint only	Style number
Specification Information		
Style Number	U.S. Price	
MSS	\$63	

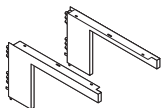
## Locking Side Supports



Standard Includes		Required to Specify
► Need help? Product details, page 104	• Pair of locking side supports: black paint only	Style number
Specification Information		
Style Number	U.S. Price	
PWSMB2	\$72	

 **For Canadian Pricing**  
Multiply U.S. Price by the  
Canadian price factor.  
► See page 1 for details.

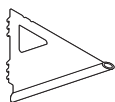
## L-Shaped Cantilevers



*Tip: Use a cantilever to support only one end of a 30"D worksurface. Use a side support, end panel, clear-access end panel, or a pedestal to support the opposite end.*

Standard Includes		Required to Specify
► Need help? Product details, page 105	• Cantilever: all paint price groups	1 Style number 2 Paint color number for cantilever ► See <i>Surface Materials</i> , page 336.
Specification Information		
Fits Worksurface Depth	Style Number	U.S. Price
<b>Left-Hand Cantilevers</b>		
18"	PCWS18CL	\$381
24"	PCWS24CL	\$401
30"	PCWS30CL	\$467
:	:	:
<b>Right-Hand Cantilevers</b>		
18"	PCWS18CR	\$381
24"	PCWS24CR	\$401
30"	PCWS30CR	\$467
:	:	:

## Triangular-Shaped Cantilever



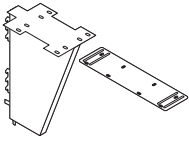
*Tip: Use cantilever to support only one end of a 30"D worksurface. Use side support, end panel, or a pedestal to support the opposite end.*

Standard Includes		Required to Specify
► Need help? Product details, page 106	• Cantilever: all paint price groups	1 Style number 2 Paint color number for cantilever ► See <i>Surface Materials</i> , page 336.
Specification Information		
Dimensions D H	Style Number	U.S. Price
16" 12"	BC	\$175
:	:	:



**For Canadian Pricing**  
Multiply U.S. Price by the  
Canadian price factor.  
► See page 1 for details.

## L-Shaped Shared Cantilevers



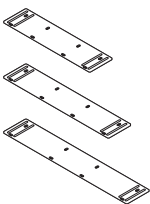
Standard Includes		Required to Specify
► Need help? Product details, page 107	<ul style="list-style-type: none"> <li>Shared cantilever: all paint price groups</li> <li>Support plate: black paint only</li> </ul>	1 Style number 2 Paint color number for shared cantilever ► See <i>Surface Materials</i> , page 336.
Specification Information		
Fits Worksurface Depth	Style Number	U.S. Price
24"	<b>PCSB18S</b>	\$401
30"	<b>PCSB24S</b>	\$598

## Triangular-Shaped Shared Cantilevers



Standard Includes		Required to Specify
► Need help? Product details, page 107	<ul style="list-style-type: none"> <li>Shared cantilever: all paint price groups</li> <li>Alignment plate: grotto paint only</li> </ul>	1 Style number 2 Paint color number for shared cantilever ► See <i>Surface Materials</i> , page 336.
Specification Information		
Fits Worksurface Depth	Style Number	U.S. Price
18", 24", or 30"	<b>BSC</b>	\$175

## Support Plates

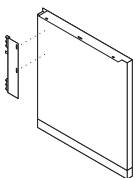


Standard Includes		Required to Specify	
► Need help? Product details, page 108	• Support plate: black paint only	Style number	

Specification Information				
• Dimensions D H	• Fits Worksurface Depth	• Style Number	• U.S. Price	
14"	3 <sup>11</sup> / <sub>16</sub> "	18"	PWSCL18	\$113
20"	3 <sup>11</sup> / <sub>16</sub> "	24"	PWSCL24	\$113
25 <sup>15</sup> / <sub>16</sub> "	3 <sup>11</sup> / <sub>16</sub> "	30"	PWSCL30	\$113

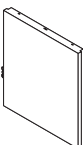
 **For Canadian Pricing**  
Multiply U.S. Price by the  
Canadian price factor.  
► See page 1 for details.

## End Panels with Base



Standard Includes		Required to Specify	
► Need help? Product details, page 108	• End panel: paint price group 1	1 Style number	2 Paint color number for end panel
		3 Options, if selected (see below)	► See <i>Surface Materials</i> , page 336.
Options		U.S. Price	Required to Specify
<b>Surface Materials</b>	• Paint price group 1	No cost	Specify paint color number.
	• Paint price group 2	+\$22	Specify paint color number.
	• Paint price group 3	+\$38	Specify paint color number.
Specification Information			
Dimensions D H	Style Number	U.S. Base Price	
18" 27"	<b>MFES18</b>	\$812	
24" 27"	<b>MFES24</b>	\$834	
30" 27"	<b>MFES30</b>	\$876	

## End Panels without Base

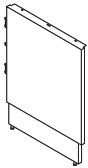


Standard Includes		Required to Specify	
► Need help? Product details, page 109	• End panel: paint price group 1	1 Style number	2 Paint color number for end panel
		3 Options, if selected (see below)	► See <i>Surface Materials</i> , page 336.
Options		U.S. Price	Required to Specify
<b>Surface Materials</b>	• Paint price group 1	No cost	Specify paint color number.
	• Paint price group 2	+\$22	Specify paint color number.
	• Paint price group 3	+\$38	Specify paint color number.
Specification Information			
Dimensions D H	Style Number	U.S. Base Price	
24" 27"	<b>BEP24</b>	\$632	
30" 27"	<b>BEP30</b>	\$719	



**For Canadian Pricing**  
Multiply U.S. Price by the  
Canadian price factor.  
► See page 1 for details.

## Floor-Support End Panel



Standard Includes		Required to Specify
► Need help? Product details, page 109	<ul style="list-style-type: none"> <li>End panel: paint price group 1</li> <li>Adjustable base</li> </ul>	1 Style number 2 Paint color number for end panel 3 Options, if selected (see below) ► See <i>Surface Materials</i> , page 336.

Options	U.S. Price	Required to Specify
<b>Surface Materials</b> <ul style="list-style-type: none"> <li>Paint price group 1</li> <li>Paint price group 2</li> <li>Paint price group 3</li> </ul>	No cost +\$22 +\$38	Specify paint color number. Specify paint color number. Specify paint color number.

Tip: Minimum and maximum height refers to the worksurface height.

Specification Information				
Dimensions			Style	U.S.
D	Minimum Height	Maximum Height	Number	Base Price

### Left-Hand Floor-Support End Panels

24"	25"	28 <sup>3</sup> / <sub>4</sub> "	<b>PWF24L</b>	\$632
30"	25"	28 <sup>3</sup> / <sub>4</sub> "	<b>PWF30L</b>	\$719
:	:	:	:	:

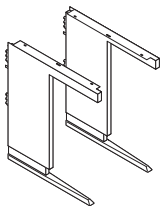
### Right-Hand Floor-Support End Panels

24"	25"	28 <sup>3</sup> / <sub>4</sub> "	<b>PWF24R</b>	\$632
30"	25"	28 <sup>3</sup> / <sub>4</sub> "	<b>PWF30R</b>	\$719
:	:	:	:	:



**For Canadian Pricing**  
Multiply U.S. Price by the  
Canadian price factor.  
► See page 1 for details.

## Clear-Access End Panels



Standard Includes	Required to Specify
<p>► Need help? Product details, page 110</p> <ul style="list-style-type: none"> <li>Clear-access end panel: paint price group 1</li> </ul>	<ul style="list-style-type: none"> <li>1 Style number</li> <li>2 Paint color number for end panel</li> <li>3 Options, if selected (see below)</li> </ul> <p>► See <i>Surface Materials</i>, page 336.</p>

Options	U.S. Price	Required to Specify
<p><b>Surface Materials</b></p> <ul style="list-style-type: none"> <li>Paint price group 1</li> <li>Paint price group 2</li> <li>Paint price group 3</li> </ul>	<p>No cost</p> <p>+\$22</p> <p>+\$38</p>	<p>Specify paint color number.</p> <p>Specify paint color number.</p> <p>Specify paint color number.</p>

Specification Information		
Depth	Style Number	U.S. Base Price
24"	MCAS24L	\$646
30"	MCAS30L	\$726

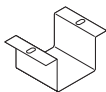
### Left-Hand Clear-Access End Panels

24"	MCAS24L	\$646
30"	MCAS30L	\$726

### Right-Hand Clear-Access End Panel

24"	MCAS24R	\$646
30"	MCAS30R	\$726

## Cantilever-to-Cantilever Clamp

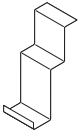


Standard Includes	Required to Specify
<p>► Need help? Product details, page 105</p> <ul style="list-style-type: none"> <li>Clamp: black paint only</li> </ul>	<p>Style number</p>

Specification Information	
Style Number	U.S. Price
PWSCL1	\$113

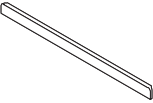
 **For Canadian Pricing**  
Multiply U.S. Price by the  
Canadian price factor.  
► See page 1 for details.

## Change-of-Height Cantilever-to-Cantilever Clamp



Standard Includes		Required to Specify
► Need help? Product details, page 105	• Clamp: black	Style number
Specification Information		
Style Number	U.S. Price	
PWSCL2	\$113	

## Worksurface Fillers for Use with 1½"-Thick Worksurfaces



Standard Includes		Required to Specify
► Need help? Product details, page 113	• Worksurface filler: plastic	1 Style number 2 Plastic color number ► See <i>Surface Materials</i> , page 336.
Specification Information		
Fits Worksurface Depth	Style Number	U.S. Price
<b>For Use Between a Radius Edge and a Self Edge</b>		
24"	PWRF24	\$76
30"	PWRF30	\$76
<b>For Use Between Two Self Edges</b>		
24"	PWSF24	\$76
30"	PWSF30	\$76



**For Canadian Pricing**  
Multiply U.S. Price by the  
Canadian price factor.  
► See page 1 for details.

End Panel Stabilizer Brackets



Standard Includes		Required to Specify
▶ Need help? Product details, page 111	• Stabilizer bracket: black paint only	Style number

Specification Information

• Style Number	• U.S. Price

For Left End Panel

98722	\$52

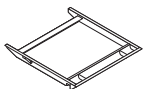
For Right End Panel

98723	\$52

 **For Canadian Pricing**  
Multiply U.S. Price by the  
Canadian price factor.  
▶ See page 1 for details.

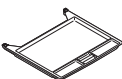


## Metal Center Drawers



Standard Includes				Required to Specify
<ul style="list-style-type: none"> <li>Need help? Product details, page 112</li> <li>Center drawer: all paint price groups</li> <li>Mounting frame: Grey V2 paint only</li> </ul>				<ul style="list-style-type: none"> <li>1 Style number</li> <li>2 Paint color number for center drawer</li> </ul>
<b>Specification Information</b>				
Dimensions			Style Number	U.S. Price
D	W	H		
23"	21½"	2⅜"	<b>FCD20</b>	\$269
18⅞"	21½"	2⅜"	<b>FSCD20</b>	\$274

## Plastic Center Drawer

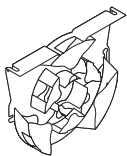


Standard Includes				Required to Specify
<ul style="list-style-type: none"> <li>Need help? Product details, page 112</li> <li>Drawer: black textured plastic only</li> <li>Slides: black plastic only</li> <li>Attachment hardware and installation template</li> </ul>				Style number
Specification Information				
Dimensions			Style Number	U.S. Price
D	W	H		
19"	21"	1½"	<b>ASHC1921X1</b>	\$100

 **For Canadian Pricing**  
 Multiply U.S. Price by the Canadian price factor.  
 ▶ See page 1 for details.

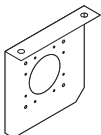
# Worksurface Wiring and Cabling

## Cable and Fiber Reels



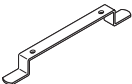
Standard Includes			Required to Specify	
► Need help? Product details, page 121			• Package of four reels: black plastic only	Style number
Specification Information				
• Dimensions			• Style	• U.S.
D	W	H	Number	Price
1¼"	8"	8 <sup>5</sup> / <sub>16</sub> "	98766	\$181

## Termination Plate



Standard Includes			Required to Specify	
► Need help? Product details, page 122			• Termination plate: black paint only	Style number
Specification Information				
• Dimensions			• Style	• U.S.
D	W	H	Number	Price
3/4"	7 1/8"	7 1/8"	98765	\$27

## Cord Reels

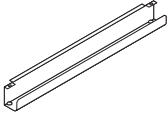


Standard Includes		Required to Specify
► Need help? Product details, page 181	• Carton of six cord reels: grey paint only	Style number
Specification Information		
• <b>Style</b>	• <b>U.S.</b>	
• <b>Number</b>	• <b>Price</b>	
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**For Canadian Pricing**  
Multiply U.S. Price by the  
Canadian price factor.  
► See page 1 for details.

## Cable Storage Tray



Standard Includes			Required to Specify	
► Need help? Product details, page 181			• Cable storage tray: black paint only	Style number
Specification Information				
• Dimensions			• Style	• U.S.
D	W	H	Number	Price
2"	24"	2½"	98768	\$61

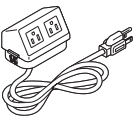
## Wire Guide Clips



*Tip: Recommended for  
painted metal surfaces only.*

Standard Includes		Required to Specify
► Need help? Product details, page 181		Style number
• Carton of 20 adhesive-backed wire guide clips: black plastic only		
Specification Information		
• Style	• U.S.	
Number	Price	
32WCP	\$43	
.	.	.

## Grommet Convenience Receptacles

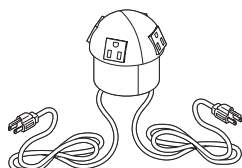


Standard Includes		Required to Specify
► Need help? Product details, page 181		Style number
• Carton of three receptacles each with 9' cord, three-prong plug: black plastic only		
Specification Information		
• Style	• U.S.	
Number	Price	
98683WS	\$260	
.	.	.



**For Canadian Pricing**  
Multiply U.S. Price by the  
Canadian price factor.  
► See page 1 for details.

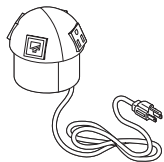
## Power Spheres



*Tip: Sphere is field installed. Use 3"-diameter drill to cut mounting hole at desired location.*

Standard Includes				Required to Specify
<ul style="list-style-type: none"> <li>▶ Need help? Product details, page 119</li> <li>• Sphere with four simplex electrical outlets: black plastic</li> <li>• Two 6' power cords (each rated at 15 amps), if selected: black plastic</li> <li>• Two 6' Greenfield conduits (each rated at 15 amps), if selected: metal</li> </ul>				Style number
Specification Information				
Dimensions			Style Number	U.S. Price
D	W	H		
<b>Four Electrical Outlets with Two 6' Power Cords</b>				
3 <sup>3</sup> / <sub>8</sub> "	3 <sup>3</sup> / <sub>8</sub> "	3"	PTDMGB1	\$276
<b>Four Electrical Outlets with Two 6' Greenfield Conduits for Hardwiring</b>				
3 <sup>3</sup> / <sub>8</sub> "	3 <sup>3</sup> / <sub>8</sub> "	3"	PTDMGB2	\$482

## Power and Communication Spheres



*Tip: Sphere is field installed. Use 3"-diameter drill to cut mounting hole at desired location.*

*Tip: Faceplates in sphere accommodate standard voice/data jacks. Order jacks by calling any of the manufacturers listed below:*

- AMP Corporation  
1.800.522.6752
- Leviton  
1.800.722.2082
- Lucent  
1.800.344.0223
- Krone  
1.800.775.5766
- Punduit  
1.800.777.3300

Standard Includes				Required to Specify
<ul style="list-style-type: none"> <li>▶ Need help? Product details, page 119</li> <li>• Sphere with two simplex electrical outlets: black plastic</li> <li>• Faceplates to accommodate two customer-supplied voice/data jacks: black plastic</li> <li>• 6' power cord with plug rated at 15 amps, if selected: black plastic</li> <li>• 6' Greenfield conduit for hardwiring, if selected: metal</li> </ul>				Style number
Specification Information				
Dimensions			Style Number	U.S. Price
D	W	H		
<b>Sphere with One 6' Power Cord</b>				
3 <sup>3</sup> / <sub>8</sub> "	3 <sup>3</sup> / <sub>8</sub> "	3"	PTDMGB3	\$276
<b>Sphere with One 6' Greenfield Conduit for Hardwiring</b>				
3 <sup>3</sup> / <sub>8</sub> "	3 <sup>3</sup> / <sub>8</sub> "	3"	PTDMGB4	\$396



### For Canadian Pricing

Multiply U.S. Price by the Canadian price factor.

▶ See page 1 for details.

## Communication Sphere



*Tip: Sphere is field installed. Use 3"-diameter drill to cut mounting hole at desired location.*

*Tip: Order jacks by calling any of the manufacturers listed below:*

- AMP Corporation  
1.800.522.6752
- Leviton  
1.800.722.2082
- Lucent  
1.800.344.0223
- Krone  
1.800.775.5766
- Punduit  
1.800.777.3300

Standard Includes	Required to Specify
-------------------	---------------------

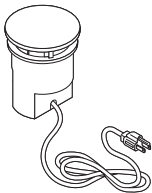
- |  |   |
|--|---|
| <ul style="list-style-type: none"> <li>▶ Need help? Product details, page 119</li> </ul> | <ul style="list-style-type: none"> <li>• Sphere with face plates to accommodate four customer-supplied voice/data jacks: black plastic</li> </ul> |
|--|---|

Style number

### Specification Information

Dimensions			Style Number	U.S. Price
D	W	H		
3 <sup>3</sup> / <sub>8</sub> "	3 <sup>3</sup> / <sub>8</sub> "	3"	PTDMGB5	\$276

## Round Power and Communication Port



*Tip: Port is field installed. Use a 3<sup>1</sup>/<sub>2</sub>"-diameter drill to cut mounting hole at desired location.*

*Tip: Order jacks by calling any of the manufacturers listed below:*

- AMP Corporation  
1.800.522.6752
- Leviton  
1.800.722.2082
- Lucent  
1.800.344.0223
- Krone  
1.800.775.5766
- Punduit  
1.800.777.3300

Standard Includes	Required to Specify
-------------------	---------------------

- |  |  |
|--|--|
| <ul style="list-style-type: none"> <li>▶ Need help? Product details, page 120</li> </ul> | <ul style="list-style-type: none"> <li>• Round unit with two electrical outlets: black plastic</li> <li>• 6' power cord with plug rated at 15 amps: black plastic</li> <li>• Adapters for two customer-supplied data couplers/jacks</li> </ul> |
|--|--|

Style number

### Specification Information

Dimensions			Style Number	U.S. Price
D	W	H		
4 <sup>1</sup> / <sub>4</sub> "	4 <sup>1</sup> / <sub>4</sub> "	4 <sup>5</sup> / <sub>16</sub> "	PTRSGB1	\$409

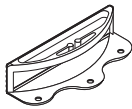


### For Canadian Pricing

Multiply U.S. Price by the Canadian price factor.

- ▶ See page 1 for details.

Answer Universal Systems Worksurface Wire Managers

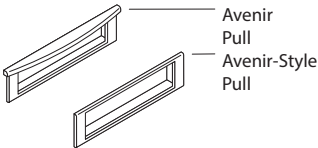


Standard Includes		Required to Specify
▶ Need help? Product details, page 71	<ul style="list-style-type: none"><li>• Set of six field installed worksurface wire managers:<ul style="list-style-type: none"><li>plastic</li><li>Attachment hardware</li></ul></li></ul>	1 Style number 2 Plastic color number for worksurface wire manager: <ul style="list-style-type: none"><li>6000 Black</li><li>6009 Arctic White</li><li>6052 Milk</li><li>6053 Seagull</li><li>6249 Platinum Solid</li><li>6654 Sand</li><li>6695 Midnight</li><li>6697 Fog</li></ul>

Specification Information	
• Style Number	• U.S. Price
TS7WWM	\$164

  
**For Canadian Pricing**  
Multiply U.S. Price by the  
Canadian price factor.  
▶ See page 1 for details.

# Specifying Storage



**Steelcase 800 Series lateral files** are available with an Avenir-style pull to make these products compatible with Avenir. The Avenir-style pull complements the Avenir pull, but it is not identical. The Avenir-style pull is flush so it will allow the lateral file receding door to go back into the file.

## Storage with Avenir Pulls

Fixed Pedestals	292
Worksurface-Supported Pedestals	293
Mobile Pedestals	294
Mobile Pedestal Cushion Tops	296

## Accessories for Pedestals

297

## Overhead Bins and Shelves

Universal Sliding Door Bins with Steel Fronts	299
Universal Sliding Door Bins with Laminate Fronts	300
Universal Sliding Door Bins with Wood Fronts	301
Universal Over the Case Bins with Flat Fronts	302
Universal Over the Case Bins with Radius Fronts	304
Universal In the Case Bins with Steel Flat Fronts	306
Universal In the Case Bins with Laminate Flat Fronts	308
Universal In the Case Bins with Wood Flat Fronts	310
Hutch Kits	312
Universal Shelves	315
Universal Personal Shelves	316
Accessories	317

## Slim Shelves

320

## 800 Series Products

800 Series Lateral Files	322
Counterweight Packages	324

# Fixed Pedestals

With Avenir Pulls

	Standard Includes	Required to Specify
► Need help? Product details, page 128	<ul style="list-style-type: none"> <li>• Pedestal: paint price group 1</li> <li>• Drawer pulls: all paint price groups</li> <li>• Pedestal filler: paint to match pedestal</li> <li>• Lock keyed random: 9201 Polished Chrome</li> <li>• Drawer interiors: black only               <ul style="list-style-type: none"> <li>—One pencil tray and two box drawer dividers per box/box/file pedestal</li> </ul> </li> <li>• Four adjustable leveling glides: black only</li> </ul>	1 Style number 2 Paint color number for pedestal 3 Paint color number for drawer pulls 4 Options, if selected (see below) ► See <i>Surface Materials</i> , page 336.

	Options	U.S. Price	Required to Specify
<b>Surface Materials</b>	<b>Pedestal</b> <ul style="list-style-type: none"> <li>• Paint price group 1</li> <li>• Paint price group 2</li> <li>• Paint price group 3</li> </ul>	No cost +\$ 50 +\$ 84	Specify paint color number. Specify paint color number. Specify paint color number.
<b>Drawer Accessories</b>	<b>Rails</b> <ul style="list-style-type: none"> <li>• Two side-to-side hanging file rails per file drawer</li> </ul>	No cost	Specify <i>with rails</i> .
<b>Filler</b>	<ul style="list-style-type: none"> <li>• Omit filler</li> </ul>	-\$ 41	Specify <i>with no filler</i> .
<b>Lock and Keying</b>	<b>Lock</b> <ul style="list-style-type: none"> <li>• Ember Chrome</li> </ul> <b>Individual locking drawers</b> <ul style="list-style-type: none"> <li>• File/file pedestals only</li> </ul> <b>Keying</b> <ul style="list-style-type: none"> <li>• Factory- and field-installed keying</li> </ul>	No cost +\$144	Specify <i>with 9250 Ember Chrome lock</i> . Specify <i>with individual drawer lock</i> . ► Page 360
<b>Related Products</b>	<ul style="list-style-type: none"> <li>• Accessories</li> </ul>		► Pages 297-298

*Tip: Filler ships separate from pedestal for field installation. Filler can be omitted if not needed for structural or aesthetic reasons.*

*Tip: Counterweights are not required on fixed pedestals.*

Specification Information				
Dimensions			Style	U.S.
D	W	H	Number	Base Price

## 15"W Pedestal with Two File Drawers and Lock

23½"	15"	27"	<b>MU2824FFL</b>	\$ 974
29½"	15"	27"	<b>MU2830FFL</b>	\$1173

## 15"W Pedestal with Two Box Drawers, One File Drawer, and Lock

23½"	15"	27"	<b>MU2824BBFL</b>	\$ 997
29½"	15"	27"	<b>MU2830BBFL</b>	\$1194



**For Canadian Pricing**  
 Multiply U.S. Price by the  
 Canadian price factor.  
 ► See page 1 for details.



# Worksurface-Supported Pedestals

With Avenir Pulls

Worksurface-Supported  
Pedestals



*Tip: Counterweights are not required on worksurface-supported pedestals.*

Standard Includes	Required to Specify
<ul style="list-style-type: none"> <li>▶ Need help? Product details, page 128</li> <li>• Pedestal: paint price group 1</li> <li>• Drawer pulls: all paint price groups</li> <li>• Lock, keyed random: 9201 Polished Chrome</li> <li>• Drawer interiors: black only                             <ul style="list-style-type: none"> <li>—One pencil tray and one box drawer divider</li> </ul> </li> <li>• Attachment hardware</li> </ul>	<ul style="list-style-type: none"> <li>1 Style number</li> <li>2 Paint color number for pedestal</li> <li>3 Paint color number for drawer pulls</li> <li>4 Options, if selected (see below)</li> <li>▶ See <i>Surface Materials</i>, page 336.</li> </ul>

	Options	U.S. Price	Required to Specify
<b>Surface Materials</b>	<b>Pedestal</b> <ul style="list-style-type: none"> <li>• Paint price group 1</li> <li>• Paint price group 2</li> <li>• Paint price group 3</li> </ul>	No cost +\$50 +\$84	Specify paint color number. Specify paint color number. Specify paint color number.
<b>Drawer Accessories</b>	<b>Rails</b> <ul style="list-style-type: none"> <li>• Two side-to-side hanging file rails per file drawer</li> </ul>	No cost	Specify <i>with rails</i> .
<b>Lock and Keying</b>	<b>Lock</b> <ul style="list-style-type: none"> <li>• Ember Chrome</li> </ul> <b>Keying</b> <ul style="list-style-type: none"> <li>• Factory- and field-installed keying</li> </ul>	No cost	Specify <i>with 9250 Ember Chrome lock</i> .  ▶ Page 360
<b>Related Products</b>	<ul style="list-style-type: none"> <li>• Accessories</li> </ul>		▶ Pages 297-298

Specification Information			
Dimensions			U.S. Base Price
D	W	H	Style Number

## Pedestal with One Box Drawer, One File Drawer, and Lock

23½"	15"	18½"	<b>MUPC24BFL</b>	\$790
28½"	15"	18½"	<b>MUPC30BFL</b>	\$980

Storage



**For Canadian Pricing**  
Multiply U.S. Price by the Canadian price factor.  
▶ See page 1 for details.

# Mobile Pedestals

With Avenir Pulls



► Need help?  
Product details,  
page 128

## Standard Includes

- Pedestal: paint price group 1
- 1/8"H steel top: paint to match pedestal
- Drawer pulls: all paint price groups
- Lock, keyed random: 9201 Polished Chrome
- Non-locking, hard-composition casters: black only
- Counterweight package
- Drawer interiors: black only
  - One pencil tray and one box drawer divider
- Factory-installed cushion top, if selected:
  - Cushion upholstery: price group 1
  - Retractable handle: black only

## Required to Specify

- 1 Style number
  - 2 Paint color number for pedestal
  - 3 Paint color number for drawer pulls
  - 4 Fabric color number for cushion upholstery (MUP2224BFSC only)
  - 5 Options, if selected (see below)
- See *Surface Materials*, page 336.

*Tip: Optional tops will increase the overall pedestal height.*

**For laminate group 2 and 3 pricing, please refer to the electronic catalog or SmartTools.**

	Options	U.S. Price	Required to Specify
<b>Surface Materials</b>	<b>Pedestal</b>		
	<ul style="list-style-type: none"> <li>• Paint price group 1</li> <li>• Paint price group 2</li> <li>• Paint price group 3</li> </ul>	No cost +\$ 50 +\$ 84	Specify paint color number. Specify paint color number. Specify paint color number.
<b>Tops</b>	<ul style="list-style-type: none"> <li>• 1"H square edge steel top</li> </ul>	+\$ 77	Specify <i>with steel square top</i> .
	<b>Laminate top</b>		
	<ul style="list-style-type: none"> <li>• 1 3/16"H square edge laminate price group 1 top</li> <li>• 1 7/16"H bullnose laminate price group 1 top</li> <li>• 1 3/16"H square edge laminate price group 2 top</li> <li>• 1 7/16"H bullnose laminate price group 2 top</li> <li>• 1 3/16"H square edge laminate price group 3 top</li> <li>• 1 7/16"H bullnose laminate price group 3 top</li> <li>• Open Line laminate on laminate top</li> </ul>	+\$326 +\$371 See information at left See information at left See information at left See information at left +\$ 77 plus cost of laminate	Specify <i>with laminate top</i> and indicate laminate color number. Specify <i>with bullnose laminate top</i> and indicate laminate color number. Specify <i>with laminate top</i> and indicate laminate color number. Specify <i>with bullnose laminate top</i> and indicate laminate color number. Specify <i>with laminate top</i> and indicate laminate color number. Specify <i>with bullnose laminate top</i> and indicate laminate color number. ► See <i>Surface Materials Reference Manual</i> .
	<b>Wood veneer top</b>		
	<ul style="list-style-type: none"> <li>• 1 3/16"H wood group 1 veneer top</li> <li>• Customiz stain on wood top</li> </ul>	+\$441 No cost	Specify <i>with wood veneer top</i> and indicate wood color number. Specify <i>with Customiz stain</i> . ► See <i>Surface Materials Reference Manual</i> .
	<b>Upholstery on cushion top</b>		
	<ul style="list-style-type: none"> <li>• Fabric price group 1</li> <li>• Fabric price group 2</li> <li>• Fabric price group 3</li> <li>• Fabric price group 4</li> <li>• Fabric price group 5</li> <li>• Fabric price group 6</li> <li>• Fabric price group 7</li> <li>• Fabric price group 8</li> <li>• Fabric price group 9</li> <li>• Fabric price group 10</li> <li>• Leather price group</li> </ul>	No cost +\$ 10 +\$ 45 +\$ 54 +\$ 69 +\$ 97 +\$116 +\$169 +\$216 +\$263 +\$675	Specify fabric color number. Specify fabric color number. Specify fabric color number. Specify fabric color number. Specify fabric color number. Specify fabric color number. Specify fabric color number. Specify fabric color number. Specify fabric color number. Specify fabric color number. Specify leather color number. ► See <i>Surface Materials</i> , page 336. ► See <i>Surface Materials Reference Manual</i> .
	<ul style="list-style-type: none"> <li>• Select Surfaces leather price group 1</li> <li>• Elmosoft leather price group</li> <li>• Select Surfaces leather price group 2</li> <li>• Vinyl</li> <li>• Customer's Own Material (COM) or Customer's Own Leather (COL)</li> </ul>	+\$675 +\$780 +\$780 +\$ 10 +\$ 17	Specify Elmosoft leather color number. ► See <i>Surface Materials Reference Manual</i> . Specify vinyl color number. ► See <i>Surface Materials Reference Manual</i> to specify.

► Options, continued on next page

  
**For Canadian Pricing**  
Multiply U.S. Price by the Canadian price factor.  
► See page 1 for details.

## ► Options, continued from previous page

	Options	U.S. Price	Required to Specify
<b>Drawer Accessories</b>	<b>Rails</b> <ul style="list-style-type: none"> <li>Two side-to-side hanging file rails per file drawer</li> </ul>	No cost	Specify <i>with rails</i> .
<b>Lock and Keying</b>	<b>Lock</b> <ul style="list-style-type: none"> <li>Ember Chrome</li> </ul> <b>Keying</b> <ul style="list-style-type: none"> <li>Factory- and field-installed keying</li> </ul>	No cost	Specify <i>with 9250 Ember Chrome lock</i> .  ► Page 360
<b>Related Products</b>	<ul style="list-style-type: none"> <li>Accessories</li> </ul>		► Pages 297-298

## Specification Information

Dimensions			Style	U.S.
D	W	H	Number	Base Price
.	.	.	.	.

## One Box and One File Drawer

23½"	15"	21"	<b>MUP2224BFS</b>	\$1297
.	.	.	.	.

## One Box and One File Drawer with Factory-Installed Pedestal Cushion Top with Handle

23½"	15"	23¼"	<b>MUP2224BFSC</b>	\$1877
.	.	.	.	.

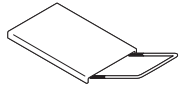
**For Canadian Pricing**

Multiply U.S. Price by the Canadian price factor.

► See page 1 for details.

# Mobile Pedestal Cushion Tops

Field-Installed Kit



Standard Includes	Required to Specify
<ul style="list-style-type: none"> <li>▶ Need help? Product details, page 128</li> <li>• Cushion upholstery: price group 1</li> <li>• Retractable handle, if selected: black only</li> <li>• Template for installation</li> </ul>	<ul style="list-style-type: none"> <li>1 Style number</li> <li>2 Fabric color number for cushion upholstery</li> <li>3 Options, if selected (see below)</li> <li>▶ See <i>Surface Materials</i>, page 336.</li> </ul>

Options	U.S. Price	Required to Specify
<b>Surface Materials</b>		
<b>Upholstery</b>		
• Fabric price group 1	No cost	Specify fabric color number.
• Fabric price group 2	+\$ 10	Specify fabric color number.
• Fabric price group 3	+\$ 45	Specify fabric color number.
• Fabric price group 4	+\$ 54	Specify fabric color number.
• Fabric price group 5	+\$ 69	Specify fabric color number.
• Fabric price group 6	+\$ 97	Specify fabric color number.
• Fabric price group 7	+\$116	Specify fabric color number.
• Fabric price group 8	+\$169	Specify fabric color number.
• Fabric price group 9	+\$216	Specify fabric color number.
• Fabric price group 10	+\$263	Specify fabric color number.
• Leather price group	+\$675	Specify leather color number.
• Select Surfaces leather price group 1	+\$675	▶ See <i>Surface Materials Reference Manual</i> .
• Elmosoft leather price group	+\$780	Specify Elmosoft leather color number.
• Select Surfaces leather price group 2	+\$780	▶ See <i>Surface Materials</i> , page 336.
• Vinyl	+\$ 10	▶ See <i>Surface Materials Reference Manual</i> .
• Customer's Own Material (COM) or Customer's Own Leather (COL)	+\$ 17	Specify vinyl color number.
		▶ See <i>Surface Materials Reference Manual</i> .

Tip: Mobile pedestal cushion top can be used with Avenir mobile pedestal MUP2224BFS and 200 Series BUMPF24BFL pedestals only.

Specification Information		
Dimensions	Style	U.S.
D W	Number	Base Price

## For Use with Avenir and 200 Series Box File Mobile Pedestals

### Cushion Top with Black Handle

23½"	15"	<b>RPXTCH24P</b>	\$475
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### Cushion Top without Handle

23½"	15"	<b>RPXTC24P</b>	\$354
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### For Canadian Pricing

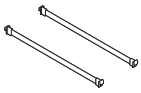
Multiply U.S. Price by the Canadian price factor.

▶ See page 1 for details.

## Rails

For Use in Pedestals Manufactured after February 22, 2004

For Use in Universal Towers and Universal Workstation Verticals



*Tip: Two rails per drawer accommodate side-to-side filing of letter, A4-, and legal-size hanging folders.*

*Tip: For pedestals manufactured on or before February 22, 2004, see Service Parts catalog.*

Standard Includes	Required to Specify
<p>► Need help? Product details, page 131</p> <ul style="list-style-type: none"> <li>Package of two rails: black only</li> </ul>	Style number

### Specification Information

Width	Style Number	U.S. Price
12"	<b>RXADRL15</b>	\$28
:	:	:

## Dividers

For Use in Pedestals Manufactured after February 22, 2004

For Use in Universal Towers and Universal Workstation Verticals

*Tip: For pedestals manufactured on or before February 22, 2004, see Service Parts catalog.*

Standard Includes	Required to Specify
<p>► Need help? Product details, page 131</p> <ul style="list-style-type: none"> <li>Package of two dividers: black only</li> </ul>	Style number

### Specification Information

Width	Quantity	Style Number	U.S. Price
:	:	:	:

### For Use in 6"H Drawers

12"	2	<b>RDV1506</b>	\$ 43
:	:	:	:

### For Use in 12"H Drawers

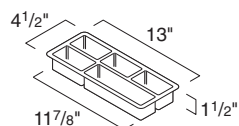
12"	2	<b>RDV1512</b>	\$ 47
12"	10	<b>RDV151210</b>	\$217
:	:	:	:



 **For Canadian Pricing**  
Multiply U.S. Price by the Canadian price factor.  
► See page 1 for details.

## Pencil Tray

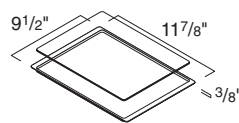
For Use in Pedestals, Universal Towers, and Universal Workstation Verticals



*Tip: Pedestals with box drawers include one pencil tray per pedestal.*

Standard Includes		Required to Specify
<p>► Need help? Product details, page 130</p>	<ul style="list-style-type: none"> <li>Pencil tray: black only</li> </ul>	Style number
Specification Information		
Style Number	U.S. Price	
RPXDPT	\$37	

## Reference Shelf



Standard Includes		Required to Specify
<p>► Need help? Product details, page 130</p>	<ul style="list-style-type: none"> <li>Reference shelf: black only</li> <li>Insert: clear plastic only</li> </ul>	Style number
Specification Information		
Style Number	U.S. Price	
RPXDRS	\$53	



### For Canadian Pricing

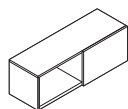
Multiply U.S. Price by the Canadian price factor.

► See page 1 for details.

# Universal Sliding Door Bins with Steel Fronts

For Use with Avenir

Universal Sliding Door Bins  
with Steel Fronts



	Standard Includes	Required to Specify
► Need help? Product details, page 132	<ul style="list-style-type: none"> <li>Overhead bin: paint price group 1</li> <li>Sliding door: paint price group 1</li> <li>Recess beneath unit to accommodate shelf light</li> <li>Shelf backstop</li> <li>On-module attachment brackets with safety catch: black paint only</li> <li>Vertical off-module attachment brackets, if selected: black paint only</li> <li>Lock, keyed random: 9201 Polished Chrome</li> </ul>	<ol style="list-style-type: none"> <li>Style number</li> <li>Paint color number for overhead bin and steel door</li> <li>Options, if selected (see below)</li> </ol> <p>► See <i>Surface Materials</i>, page 336.</p>

	Options	U.S. Price	Required to Specify
<b>Surface Materials</b>	<b>Overhead bin with one door</b> <ul style="list-style-type: none"> <li>Paint price group 1</li> <li>Paint price group 2</li> <li>Paint price group 3</li> </ul>	No cost +\$ 50 +\$ 84	Specify paint color number. Specify paint color number. Specify paint color number. ► See <i>Surface Materials Reference Manual</i> .
<b>Brackets</b>	<b>Off-module attachment brackets</b> <ul style="list-style-type: none"> <li>One vertical off-module bracket</li> <li>Two vertical off-module brackets</li> </ul>	+\$ 73 +\$146	Specify with one vertical off-module bracket. Specify with two vertical off-module brackets.
	<b>Upmount brackets</b> <ul style="list-style-type: none"> <li>Upmount kit</li> </ul>	+\$214	Specify with upmount kit.
	<b>No brackets</b> <ul style="list-style-type: none"> <li>Omit brackets</li> </ul>	−\$ 23	Specify omit brackets.
<b>Shelf Accessories</b>	<ul style="list-style-type: none"> <li>Four dividers: white plastic</li> </ul>	+\$ 56	Specify with dividers.
<b>Lock and Keying</b>	<b>Lock</b> <ul style="list-style-type: none"> <li>No lock</li> <li>Ember Chrome</li> </ul>	−\$ 76 No cost	Specify with no lock. Specify with 9250 Ember Chrome lock.
	<b>Keying</b> <ul style="list-style-type: none"> <li>Factory- and field-installed keying</li> </ul>		► Page 360
<b>Related Products</b>	<ul style="list-style-type: none"> <li>Accessories</li> <li>Shelf lights</li> </ul>		► Pages 317–319 ► Pages 326–330

Tip: Upmount brackets include steel back to enclose storage bin.

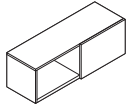
Specification Information				
Dimensions			Style Number	U.S. Base Price
D	W	H		
15 <sup>3</sup> / <sub>4</sub> "	36"	16 <sup>1</sup> / <sub>4</sub> "	RSB36AVR	\$ 768
15 <sup>3</sup> / <sub>4</sub> "	42"	16 <sup>1</sup> / <sub>4</sub> "	RSB42AVR	\$ 796
15 <sup>3</sup> / <sub>4</sub> "	48"	16 <sup>1</sup> / <sub>4</sub> "	RSB48AVR	\$ 819
15 <sup>3</sup> / <sub>4</sub> "	60"	16 <sup>1</sup> / <sub>4</sub> "	RSB60AVR	\$1238
15 <sup>3</sup> / <sub>4</sub> "	66"	16 <sup>1</sup> / <sub>4</sub> "	RSB66AVR	\$1305
15 <sup>3</sup> / <sub>4</sub> "	72"	16 <sup>1</sup> / <sub>4</sub> "	RSB72AVR	\$1354
.	.	.	.	.



**For Canadian Pricing**  
Multiply U.S. Price by the  
Canadian price factor.  
► See page 1 for details.

# Universal Sliding Door Bins with Laminate Fronts

For Use with Avenir



**For laminate price group 2 pricing, please refer to the electronic catalog or SmartTools.**

*Tip: Upmount brackets include steel back to enclose storage bin.*

	Standard Includes	Required to Specify
► Need help? Product details, page 132	<ul style="list-style-type: none"> <li>Overhead bin: paint price group 1</li> <li>Sliding door: laminate price group 1</li> <li>Recess beneath unit to accommodate shelf light</li> <li>Shelf backstop</li> <li>On-module attachment brackets with safety catch: black paint only</li> <li>Vertical off-module attachment brackets, if selected: black paint only</li> <li>Lock, keyed random: 9201 Polished Chrome</li> </ul>	<ol style="list-style-type: none"> <li>Style number</li> <li>Paint color number for overhead bin</li> <li>Laminate color number for door</li> <li>Options, if selected (see below)</li> </ol> <p>► See <i>Surface Materials</i>, page 336.</p>

	Options	U.S. Price	Required to Specify
<b>Surface Materials</b>	<b>Overhead bin with one door</b> <ul style="list-style-type: none"> <li>Paint price group 1 on bin</li> <li>Paint price group 2 on bin</li> <li>Paint price group 3 on bin</li> </ul> <ul style="list-style-type: none"> <li>Laminate price group 2 on door</li> <li>Open Line laminate on door</li> </ul>	No cost +\$ 50 +\$ 76  See information at left +\$ 77 plus cost of laminate	Specify paint color number. Specify paint color number. Specify paint color number. ► See <i>Surface Materials Reference Manual</i> . Specify laminate color number.  ► See <i>Surface Materials Reference Manual</i> .
<b>Brackets</b>	<b>Off-module attachment brackets</b> <ul style="list-style-type: none"> <li>One vertical off-module bracket</li> <li>Two vertical off-module brackets</li> </ul> <b>Upmount brackets</b> <ul style="list-style-type: none"> <li>Upmount kit</li> </ul> <b>No brackets</b> <ul style="list-style-type: none"> <li>Omit brackets</li> </ul>	+\$ 73 +\$146  +\$214  -\$ 23	Specify with one vertical off-module bracket. Specify with two vertical off-module brackets.  Specify with upmount kit.  Specify omit brackets.
<b>Shelf Accessories</b>	<ul style="list-style-type: none"> <li>Four dividers: white plastic</li> </ul>	+\$ 56	Specify with dividers.
<b>Lock and Keying</b>	<b>Lock</b> <ul style="list-style-type: none"> <li>No lock</li> <li>Ember Chrome</li> </ul> <b>Keying</b> <ul style="list-style-type: none"> <li>Factory- and field-installed keying</li> </ul>	-\$ 76 No cost   	Specify with no lock. Specify with 9250 Ember Chrome lock.  ► Page 360
<b>Related Products</b>	<ul style="list-style-type: none"> <li>Accessories</li> <li>Shelf lights</li> </ul>		► Pages 317–319 ► Pages 326–330

Specification Information				
Dimensions			Style Number	U.S. Base Price
D	W	H		
15¾"	36"	16¼"	<b>RSB36LAVR</b>	\$1179
15¾"	42"	16¼"	<b>RSB42LAVR</b>	\$1207
15¾"	48"	16¼"	<b>RSB48LAVR</b>	\$1230
15¾"	60"	16¼"	<b>RSB60LAVR</b>	\$1981
15¾"	66"	16¼"	<b>RSB66LAVR</b>	\$2048
15¾"	72"	16¼"	<b>RSB72LAVR</b>	\$2097



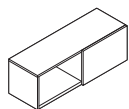
**For Canadian Pricing**  
 Multiply U.S. Price by the Canadian price factor.  
 ► See page 1 for details.



# Universal Sliding Door Bins with Wood Fronts

For Use with Avenir

Universal Sliding Door Bins  
with Wood Fronts



► Need help?  
Product details,  
page 132

## Standard Includes

- Overhead bin: paint price group 1
- Sliding door: wood group 1
- Recess beneath unit to accommodate shelf light
- Shelf backstop
- On-module attachment brackets with safety catch: black paint only
- Vertical off-module attachment brackets, if selected: black paint only
- Lock, keyed random: 9201 Polished Chrome

## Required to Specify

- 1 Style number
  - 2 Paint color number for overhead bin
  - 3 Wood color number for door
  - 4 Options, if selected (see below)
- See *Surface Materials*, page 336.

	Options	U.S. Price	Required to Specify
<b>Surface Materials</b>	<b>Overhead bin with one door</b> <ul style="list-style-type: none"> <li>• Paint price group 1</li> <li>• Paint price group 2</li> <li>• Paint price group 3</li> <li>• Customiz stain on wood door</li> </ul>	No cost +\$ 50 +\$ 76 No cost	Specify paint color number. Specify paint color number. Specify paint color number. Specify with <i>Customiz stain</i> . ► See <i>Surface Materials Reference Manual</i> .
<b>Brackets</b>	<b>Off-module attachment brackets</b> <ul style="list-style-type: none"> <li>• One vertical off-module bracket</li> <li>• Two vertical off-module brackets</li> </ul>	+\$ 73 +\$146	Specify with <i>one vertical off-module bracket</i> . Specify with <i>two vertical off-module brackets</i> .
	<b>Upmount brackets</b> <ul style="list-style-type: none"> <li>• Upmount kit</li> </ul>	+\$214	Specify with <i>upmount kit</i> .
	<b>No brackets</b> <ul style="list-style-type: none"> <li>• Omit brackets</li> </ul>	−\$ 23	Specify <i>omit brackets</i> .
<b>Shelf Accessories</b>	<ul style="list-style-type: none"> <li>• Four dividers: white plastic</li> </ul>	+\$ 56	Specify with <i>dividers</i> .
<b>Lock and Keying</b>	<b>Lock</b> <ul style="list-style-type: none"> <li>• No lock</li> <li>• Ember Chrome</li> </ul>	−\$ 76 No cost	Specify with <i>no lock</i> . Specify with <i>9250 Ember Chrome lock</i> .
	<b>Keying</b> <ul style="list-style-type: none"> <li>• Factory- and field-installed keying</li> </ul>		► Page 360
<b>Related Products</b>	<ul style="list-style-type: none"> <li>• Accessories</li> <li>• Shelf lights</li> </ul>		► Pages 317–319 ► Pages 326–330

*Tip: Upmount brackets include steel back to enclose storage bin.*

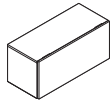
Specification Information				
Dimensions			Style Number	U.S. Base Price
D	W	H		
15 <sup>3</sup> / <sub>4</sub> "	36"	16 <sup>1</sup> / <sub>4</sub> "	<b>RSB36WAVR</b>	\$1210
15 <sup>3</sup> / <sub>4</sub> "	42"	16 <sup>1</sup> / <sub>4</sub> "	<b>RSB42WAVR</b>	\$1238
15 <sup>3</sup> / <sub>4</sub> "	48"	16 <sup>1</sup> / <sub>4</sub> "	<b>RSB48WAVR</b>	\$1261
15 <sup>3</sup> / <sub>4</sub> "	60"	16 <sup>1</sup> / <sub>4</sub> "	<b>RSB60WAVR</b>	\$2012
15 <sup>3</sup> / <sub>4</sub> "	66"	16 <sup>1</sup> / <sub>4</sub> "	<b>RSB66WAVR</b>	\$2079
15 <sup>3</sup> / <sub>4</sub> "	72"	16 <sup>1</sup> / <sub>4</sub> "	<b>RSB72WAVR</b>	\$2128



**For Canadian Pricing**  
Multiply U.S. Price by the  
Canadian price factor.  
► See page 1 for details.

# Universal Over the Case Bins with Flat Fronts

For Use with Avenir



► Need help?  
Product details,  
page 136

## Standard Includes

- Overhead bin with lift-up door: paint price group 1
- Recess beneath unit to accommodate shelf light
- Shelf backstop
- On-module attachment brackets with safety catch: black paint only
- Off-module attachment brackets, if selected: black paint only
- Picture frame door acrylic insert, if selected: 6538 Satin only
- Picture frame door glass insert, if selected: 6580 Ice White only
- Lock, keyed random: 9201 Polished Chrome

## Required to Specify

- 1 Style number
  - 2 Paint color number for overhead bin
  - 3 Options, if selected (see below)
- See *Surface Materials*, page 336.

	Options	U.S. Price	Required to Specify
<b>Surface Materials</b>	<b>Overhead bin with one door</b>		
	• Paint price group 1	No cost	Specify paint color number.
	• Paint price group 2	+\$ 50	Specify paint color number.
	• Paint price group 3	+\$ 84	Specify paint color number.
	<b>Overhead bin with two doors</b>		
	• Paint price group 1	No cost	Specify paint color number.
	• Paint price group 2	+\$ 68	Specify paint color number.
	• Paint price group 3	+\$117	Specify paint color number.
<b>Brackets</b>	<b>Off-module attachment brackets</b>		
	• One vertical off-module bracket	+\$ 73	Specify with one vertical off-module bracket.
	• Two vertical off-module brackets	+\$146	Specify with two vertical off-module brackets.
	<b>Upmount brackets</b>		
	• Upmount kit	+\$214	Specify with upmount kit.
	<b>No brackets</b>		
	• Omit brackets	–\$ 23	Specify omit brackets.
<b>Picture Frame Door</b>	• Omit insert	Prices at right	Specify omit insert.
	• Acrylic insert	Prices at right	Specify with acrylic insert.
	• Glass insert (assist mechanism recommended)	Prices at right	Specify with glass insert.
<b>Door Mechanism</b>	• Assist mechanism for standard door, glass insert, or omit insert	+\$214 per door	Specify with assist mechanism.
<b>Shelf Accessories</b>	• Four dividers: white plastic	+\$ 56	Specify with dividers.
<b>Lock and Keying</b>	<b>Lock</b>		
	• No lock	–\$ 76 per door	Specify with no lock.
	• Ember Chrome	No cost	Specify with 9250 Ember Chrome lock.
	<b>Keying</b>		
<b>Related Products</b>	• Factory- and field-installed keying		► Page 360
	• Accessories		► Pages 317–319
	• Shelf lights		► Pages 326–330

Tip: Upmount brackets include steel back to enclose storage bin.

Tip: When ordering the omit insert option, remember that custom material cannot be factory installed. Custom material must be ordered from a material vendor.

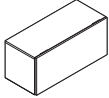
Tip: A door assist mechanism cannot be used with an acrylic door insert.



## For Canadian Pricing

Multiply U.S. Price by the Canadian price factor.

► See page 1 for details.

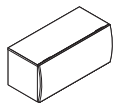


Specification Information											
• Dimensions			• Number of Doors	• Style Number	• U.S. Base Price	• Options (Add \$ to Base Price)					
D	W	H									
						<u>Picture Frame Door Inserts</u>					
						Omit Insert	Acrylic Insert	Glass Insert			
15¾"	24"	16¼"	1	RBB24QAVR	\$ 764	+\$300	+\$426	+\$ 511			
15¾"	30"	16¼"	1	RBB30QAVR	\$ 794	+\$316	+\$451	+\$ 545			
15¾"	36"	16¼"	1	RBB36QAVR	\$ 809	+\$332	+\$472	+\$ 579			
15¾"	42"	16¼"	1	RBB42QAVR	\$ 839	+\$345	+\$495	+\$ 639			
15¾"	48"	16¼"	1	RBB48QAVR	\$ 865	+\$359	+\$520	+\$ 697			
15¾"	60"	16¼"	2	RBB60QAVR	\$1384	+\$590	+\$823	+\$1039			
15¾"	66"	16¼"	2	RBB66QAVR	\$1439	+\$603	+\$847	+\$1100			
15¾"	72"	16¼"	2	RBB72QAVR	\$1508	+\$617	+\$871	+\$1159			
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**For Canadian Pricing**  
Multiply U.S. Price by the  
Canadian price factor.  
► See page 1 for details.

# Universal Over the Case Bins with Radius Fronts

For Use with Avenir



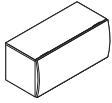
	Standard Includes	Required to Specify
► Need help? Product details, page 136	<ul style="list-style-type: none"> <li>Overhead bin with lift-up door: paint price group 1</li> <li>Recess beneath unit to accommodate shelf light</li> <li>Shelf backstop</li> <li>On-module attachment brackets with safety catch: black paint only</li> <li>Off-module attachment brackets, if selected: black paint only</li> <li>Lock, keyed random: 9201 Polished Chrome</li> </ul>	1 Style number 2 Paint color number for overhead bin 3 Options, if selected (see below) ► See <i>Surface Materials</i> , page 336.

	Options	U.S. Price	Required to Specify
<b>Surface Materials</b>	<b>Overhead bin with one door</b>		
	• Paint price group 1	No cost	Specify paint color number.
	• Paint price group 2	+\$ 50	Specify paint color number.
	• Paint price group 3	+\$ 84	Specify paint color number.
	<b>Overhead bin with two doors</b>		
	• Paint price group 1	No cost	Specify paint color number.
	• Paint price group 2	+\$ 68	Specify paint color number.
	• Paint price group 3	+\$117	Specify paint color number.
<b>Brackets</b>	<b>Off-module attachment brackets</b>		
	• One vertical off-module bracket	+\$ 73	Specify <i>with one vertical off-module bracket</i> .
	• Two vertical off-module brackets	+\$146	Specify <i>with two vertical off-module brackets</i> .
	<b>Upmount brackets</b>		
	• Upmount kit	+\$214	Specify <i>with upmount kit</i> .
	<b>No brackets</b>		
	• Omit brackets	-\$ 23	Specify <i>omit brackets</i> .
<b>Door Mechanism</b>	• Assist mechanism for standard door, glass insert, or omit insert	+\$214 per door	Specify <i>with assist mechanism</i> .
<b>Shelf Accessories</b>	• Four dividers: white plastic	+\$ 56	Specify <i>with dividers</i> .
<b>Lock and Keying</b>	<b>Lock</b>		
	• No lock	-\$ 76 per door	Specify <i>with no lock</i> .
	• Ember Chrome	No cost	Specify <i>with 9250 Ember Chrome lock</i> .
	<b>Keying</b>		
	• Factory- and field-installed keying		► Page 360
<b>Related Products</b>	• Accessories		► Pages 317–319
	• Shelf lights		► Pages 326–330

Tip: Upmount brackets include steel back to enclose storage bin.



**For Canadian Pricing**  
Multiply U.S. Price by the Canadian price factor.  
► See page 1 for details.

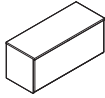


Specification Information					
• Dimensions	• Number	• Style	• U.S.		
D      W      H	of Doors	Number	Base		
			Price		
15 <sup>3</sup> / <sub>4</sub> "	24"	16 <sup>1</sup> / <sub>4</sub> "	1	<b>RBB24QCAVR</b>	\$ 930
15 <sup>3</sup> / <sub>4</sub> "	30"	16 <sup>1</sup> / <sub>4</sub> "	1	<b>RBB30QCAVR</b>	\$ 960
15 <sup>3</sup> / <sub>4</sub> "	36"	16 <sup>1</sup> / <sub>4</sub> "	1	<b>RBB36QCAVR</b>	\$ 975
15 <sup>3</sup> / <sub>4</sub> "	42"	16 <sup>1</sup> / <sub>4</sub> "	1	<b>RBB42QCAVR</b>	\$1005
15 <sup>3</sup> / <sub>4</sub> "	48"	16 <sup>1</sup> / <sub>4</sub> "	1	<b>RBB48QCAVR</b>	\$1031
15 <sup>3</sup> / <sub>4</sub> "	60"	16 <sup>1</sup> / <sub>4</sub> "	2	<b>RBB60QCAVR</b>	\$1716
15 <sup>3</sup> / <sub>4</sub> "	66"	16 <sup>1</sup> / <sub>4</sub> "	2	<b>RBB66QCAVR</b>	\$1771
15 <sup>3</sup> / <sub>4</sub> "	72"	16 <sup>1</sup> / <sub>4</sub> "	2	<b>RBB72QCAVR</b>	\$1840

  
**For Canadian Pricing**  
Multiply U.S. Price by the  
Canadian price factor.  
► See page 1 for details.

# Universal In the Case Bins with Steel Flat Fronts

For Use with Avenir



	Standard Includes	Required to Specify
► Need help? Product details, page 140	<ul style="list-style-type: none"> <li>Overhead bin with lift-up door: paint price group 1</li> <li>Recess beneath unit to accommodate shelf light</li> <li>Shelf backstop</li> <li>On-module attachment brackets with safety catch: black paint only</li> <li>Off-module attachment brackets, if selected: black paint only</li> <li>Picture frame door acrylic insert, if selected: 6538 Satin only</li> <li>Picture frame door glass insert, if selected: 6580 Ice White only</li> <li>Lock, keyed random: 9201 Polished Chrome</li> </ul>	1 Style number 2 Paint color number for overhead bin 3 Options, if selected (see below) ► See <i>Surface Materials</i> , page 336.

	Options	U.S. Price	Required to Specify
<b>Surface Materials</b>	<b>Overhead bin with one door</b>		
	• Paint price group 1	No cost	Specify paint color number.
	• Paint price group 2	+\$ 50	Specify paint color number.
	• Paint price group 3	+\$ 84	Specify paint color number.
	<b>Overhead bin with two doors</b>		
	• Paint price group 1	No cost	Specify paint color number.
	• Paint price group 2	+\$ 68	Specify paint color number.
	• Paint price group 3	+\$117	Specify paint color number.
<b>Brackets</b>	<b>Off-module attachment brackets</b>		
	• One vertical off-module bracket	+\$ 73	Specify <i>with one vertical off-module bracket</i> .
	• Two vertical off-module brackets	+\$146	Specify <i>with two vertical off-module brackets</i> .
	<b>Upmount brackets</b>		
	• Upmount kit	+\$214	Specify <i>with upmount kit</i> .
	<b>No brackets</b>		
	• Omit brackets	–\$ 23	Specify <i>omit brackets</i> .
<b>Picture Frame Door</b>	• Omit insert	Prices at right	Specify <i>omit insert</i> .
	• Acrylic insert	Prices at right	Specify <i>with acrylic insert</i> .
	• Glass insert (assist mechanism recommended)	Prices at right	Specify <i>with glass insert</i> .
<b>Door Mechanism</b>	• Assist mechanism for standard door, glass insert, or omit insert	+\$214 per door	Specify <i>with assist mechanism</i> .
<b>Shelf Accessories</b>	• Four dividers: white plastic	+\$ 56	Specify <i>with dividers</i> .
<b>Lock and Keying</b>	<b>Lock</b>		
	• No lock	–\$ 76 per door	Specify <i>with no lock</i> .
	• Ember Chrome	No cost	Specify <i>with 9250 Ember Chrome lock</i> .
	<b>Keying</b>		
	• Factory- and field-installed keying		► Page 360
<b>Related Products</b>	• Accessories		► Pages 317–319
	• Shelf lights		► Pages 326–330

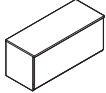
*Tip: Upmount brackets include steel back to enclose storage bin.*

*Tip: When ordering the omit insert option, remember that custom material cannot be factory installed. Custom material must be ordered from a material vendor.*

*Tip: A door assist mechanism cannot be used with an acrylic door insert.*



**For Canadian Pricing**  
 Multiply U.S. Price by the Canadian price factor.  
 ► See page 1 for details.

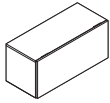


Specification Information								
Dimensions			Number of Doors	Style Number	U.S. Base Price	Options (Add \$ to Base Price)		
D	W	H				Picture Frame Insert	Door Inserts	
15 <sup>3</sup> / <sub>4</sub> "	24"	16 <sup>1</sup> / <sub>4</sub> "	1	<b>RBB24AVR</b>	\$ 764	+\$300	+\$426	+\$ 511
15 <sup>3</sup> / <sub>4</sub> "	30"	16 <sup>1</sup> / <sub>4</sub> "	1	<b>RBB30AVR</b>	\$ 794	+\$316	+\$451	+\$ 545
15 <sup>3</sup> / <sub>4</sub> "	36"	16 <sup>1</sup> / <sub>4</sub> "	1	<b>RBB36AVR</b>	\$ 809	+\$332	+\$472	+\$ 579
15 <sup>3</sup> / <sub>4</sub> "	42"	16 <sup>1</sup> / <sub>4</sub> "	1	<b>RBB42AVR</b>	\$ 839	+\$345	+\$495	+\$ 639
15 <sup>3</sup> / <sub>4</sub> "	48"	16 <sup>1</sup> / <sub>4</sub> "	1	<b>RBB48AVR</b>	\$ 865	+\$359	+\$520	+\$ 697
15 <sup>3</sup> / <sub>4</sub> "	60"	16 <sup>1</sup> / <sub>4</sub> "	2	<b>RBB60AVR</b>	\$1338	+\$590	+\$823	+\$1039
15 <sup>3</sup> / <sub>4</sub> "	66"	16 <sup>1</sup> / <sub>4</sub> "	2	<b>RBB66AVR</b>	\$1391	+\$603	+\$847	+\$1100
15 <sup>3</sup> / <sub>4</sub> "	72"	16 <sup>1</sup> / <sub>4</sub> "	2	<b>RBB72AVR</b>	\$1508	+\$617	+\$871	+\$1159

 **For Canadian Pricing**  
Multiply U.S. Price by the  
Canadian price factor.  
► See page 1 for details.

# Universal In the Case Bins with Laminate Flat Fronts

For Use with Avenir



	Standard Includes	Required to Specify
► Need help? Product details, page 140	<ul style="list-style-type: none"> <li>Overhead bin: paint price group 1</li> <li>Lift-up door: laminate price group 1</li> <li>Recess beneath unit to accommodate shelf light</li> <li>Shelf backstop</li> <li>On-module attachment brackets with safety catch: black paint only</li> <li>Off-module attachment brackets, if selected: black paint only</li> <li>Lock, keyed random: 9201 Polished Chrome</li> </ul>	<ol style="list-style-type: none"> <li>Style number</li> <li>Paint color number for overhead bin</li> <li>Laminate color number for door</li> <li>Options, if selected (see below)</li> </ol> <p>► See <i>Surface Materials</i>, page 336.</p>

**For laminate price group 2 pricing, please refer to the electronic catalog or SmartTools.**

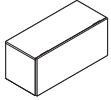
	Options	U.S. Price	Required to Specify
<b>Surface Materials</b>	<b>Overhead bin with one door</b>		
	• Paint price group 1 on bin	No cost	Specify paint color number.
	• Paint price group 2 on bin	+\$ 50	Specify paint color number.
	• Paint price group 3 on bin	+\$ 76	Specify paint color number.
	• Laminate price group 2 on door	See information at left	► See <i>Surface Materials Reference Manual</i> . Specify laminate color number.
	• Open Line laminate on door	+\$ 77 plus cost of laminate	► See <i>Surface Materials Reference Manual</i> .
	<b>Overhead bin with two doors</b>		
	• Paint price group 1 on bin	No cost	Specify paint color number.
	• Paint price group 2 on bin	+\$ 68	Specify paint color number.
	• Paint price group 3 on bin	+\$102	Specify paint color number.
	• Laminate price group 2 on doors	See information at left	Specify laminate color number.
	• Open Line laminate on doors	+\$ 77 plus cost of laminate	► See <i>Surface Materials Reference Manual</i> .
<b>Brackets</b>	<b>Off-module attachment brackets</b>		
	• One vertical off-module bracket	+\$ 73	Specify <i>with one vertical off-module bracket</i> .
	• Two vertical off-module brackets	+\$146	Specify <i>with two vertical off-module brackets</i> .
	<b>Upmount brackets</b>		
	• Upmount kit	+\$214	Specify <i>with upmount kit</i> .
	<b>No brackets</b>		
	• Omit brackets	-\$ 23	Specify <i>omit brackets</i> .
<b>Door Mechanism</b>	• Assist mechanism	+\$214 per door	Specify <i>with assist mechanism</i> .
<b>Shelf Accessories</b>	• Four dividers: white plastic	+\$ 56	Specify <i>with dividers</i> .
<b>Lock and Keying</b>	<b>Lock</b>		
	• No lock	-\$ 76 per door	Specify <i>with no lock</i> .
	• Ember Chrome	No cost	Specify <i>with 9250 Ember Chrome lock</i> .
	<b>Keying</b>		
	• Factory- and field-installed keying		► Page 360
<b>Related Products</b>	• Accessories		► Pages 317–319
	• Shelf lights		► Pages 326–330

*Tip: Upmount brackets include steel back to enclose storage bin.*



**For Canadian Pricing**  
Multiply U.S. Price by the Canadian price factor.  
► See page 1 for details.



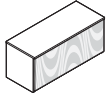


Specification Information					
• Dimensions			• Number	• Style	• U.S.
D	W	H	of Doors	Number	Base
					Price
15 <sup>3</sup> / <sub>4</sub> "	24"	16 <sup>1</sup> / <sub>4</sub> "	1	<b>RBB24LAVR</b>	\$1175
15 <sup>3</sup> / <sub>4</sub> "	30"	16 <sup>1</sup> / <sub>4</sub> "	1	<b>RBB30LAVR</b>	\$1205
15 <sup>3</sup> / <sub>4</sub> "	36"	16 <sup>1</sup> / <sub>4</sub> "	1	<b>RBB36LAVR</b>	\$1220
15 <sup>3</sup> / <sub>4</sub> "	42"	16 <sup>1</sup> / <sub>4</sub> "	1	<b>RBB42LAVR</b>	\$1250
15 <sup>3</sup> / <sub>4</sub> "	48"	16 <sup>1</sup> / <sub>4</sub> "	1	<b>RBB48LAVR</b>	\$1276
15 <sup>3</sup> / <sub>4</sub> "	60"	16 <sup>1</sup> / <sub>4</sub> "	2	<b>RBB60LAVR</b>	\$2081
15 <sup>3</sup> / <sub>4</sub> "	66"	16 <sup>1</sup> / <sub>4</sub> "	2	<b>RBB66LAVR</b>	\$2134
15 <sup>3</sup> / <sub>4</sub> "	72"	16 <sup>1</sup> / <sub>4</sub> "	2	<b>RBB72LAVR</b>	\$2251
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**For Canadian Pricing**  
Multiply U.S. Price by the  
Canadian price factor.  
▶ See page 1 for details.

# Universal In the Case Bins with Wood Flat Fronts

For Use with Avenir



	Standard Includes	Required to Specify
► Need help? Product details, page 140	<ul style="list-style-type: none"> <li>Overhead bin: paint price group 1</li> <li>Lift-up door: wood group 1</li> <li>Recess beneath unit to accommodate shelf light</li> <li>Shelf backstop</li> <li>On-module attachment brackets with safety catch: black paint only</li> <li>Off-module attachment brackets, if selected: black paint only</li> <li>Lock, keyed random: 9201 Polished Chrome</li> </ul>	<ul style="list-style-type: none"> <li>1 Style number</li> <li>2 Paint color number for overhead bin</li> <li>3 Wood color number for door</li> <li>4 Options, if selected (see below)</li> <li>► See <i>Surface Materials</i>, page 336.</li> </ul>

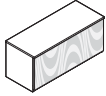
**For wood group 2 and 3 pricing,** please refer to the electronic catalog or SmartTools.

	Options	U.S. Price	Required to Specify
<b>Surface Materials</b>	<b>Overhead bin with one door</b>		
	• Paint price group 1	No cost	Specify paint color number.
	• Paint price group 2	+\$ 50	Specify paint color number.
	• Paint price group 3	+\$ 84	Specify paint color number.
	• Wood group 2 on wood door	See information at left	Specify wood color number.
	• Wood group 3 on wood door	See information at left	Specify wood color number.
	• Customiz stain on wood door	No cost	Specify with <i>Customiz stain</i> . ► See <i>Surface Materials Reference Manual</i> .
	<b>Overhead bin with two doors</b>		
	• Paint price group 1	No cost	Specify paint color number.
	• Paint price group 2	+\$ 68	Specify paint color number.
	• Paint price group 3	+\$102	Specify paint color number.
	• Wood group 2	See information at left	Specify wood color number.
	• Wood group 3	See information at left	Specify wood color number.
	• Customiz stain on wood door	No cost	Specify with <i>Customiz stain</i> . ► See <i>Surface Materials Reference Manual</i> .
<b>Brackets</b>	<b>Off-module attachment brackets</b>		
	• One vertical off-module bracket	+\$ 73	Specify with <i>one vertical off-module bracket</i> .
	• Two vertical off-module brackets	+\$146	Specify with <i>two vertical off-module brackets</i> .
	<b>Upmount brackets</b>		
	• Upmount kit	+\$214	Specify with <i>upmount kit</i> .
	<b>No brackets</b>		
	• Omit brackets	–\$ 23	Specify <i>omit brackets</i> .
<b>Door Mechanism</b>	• Assist mechanism	+\$214 per door	Specify with <i>assist mechanism</i> .
<b>Shelf Accessories</b>	• Four dividers: white plastic	+\$ 56	Specify with <i>dividers</i> .
<b>Lock and Keying</b>	<b>Lock</b>		
	• No lock	–\$ 76 per door	Specify with <i>no lock</i> .
	• Ember Chrome	No cost	Specify with <i>9250 Ember Chrome lock</i> .
	<b>Keying</b>		
	• Factory- and field-installed keying		► Page 360
<b>Related Products</b>	• Accessories		► Pages 317–319
	• Shelf lights		► Pages 326–330

*Tip: Upmount brackets include steel back to enclose storage bin.*



**For Canadian Pricing**  
Multiply U.S. Price by the Canadian price factor.  
► See page 1 for details.



### Specification Information

• Dimensions			• Number of Doors	• Style Number	• U.S. Base Price
D	W	H			
15 <sup>3</sup> / <sub>4</sub> "	24"	16 <sup>1</sup> / <sub>4</sub> "	1	<b>RBB24WAVR</b>	\$1206
15 <sup>3</sup> / <sub>4</sub> "	30"	16 <sup>1</sup> / <sub>4</sub> "	1	<b>RBB30WAVR</b>	\$1236
15 <sup>3</sup> / <sub>4</sub> "	36"	16 <sup>1</sup> / <sub>4</sub> "	1	<b>RBB36WAVR</b>	\$1251
15 <sup>3</sup> / <sub>4</sub> "	42"	16 <sup>1</sup> / <sub>4</sub> "	1	<b>RBB42WAVR</b>	\$1281
15 <sup>3</sup> / <sub>4</sub> "	48"	16 <sup>1</sup> / <sub>4</sub> "	1	<b>RBB48WAVR</b>	\$1307
15 <sup>3</sup> / <sub>4</sub> "	60"	16 <sup>1</sup> / <sub>4</sub> "	2	<b>RBB60WAVR</b>	\$2112
15 <sup>3</sup> / <sub>4</sub> "	66"	16 <sup>1</sup> / <sub>4</sub> "	2	<b>RBB66WAVR</b>	\$2165
15 <sup>3</sup> / <sub>4</sub> "	72"	16 <sup>1</sup> / <sub>4</sub> "	2	<b>RBB72WAVR</b>	\$2282

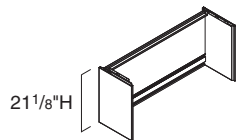


**For Canadian Pricing**  
Multiply U.S. Price by the  
Canadian price factor.  
► See page 1 for details.

# Hutch Kits

## Hutch Kits

For Use with Universal Sliding Door, Universal Over the Case, and Universal In the Case Bins



Tip: A hutch kit cannot support more than one bin.

Tip: Be sure to order the storage bin in the same paint finish as the hutch kit. Storage bin is ordered separately.

Tip: To price a tackboard with fabrics in two different price groups on opposite sides, add the two prices together and divide by two.

Tip: 66"W and 72"W tackboards accommodate fabric in the horizontal direction only.

Standard Includes		Required to Specify	
Need help? Product details, page 144	Steel back to enclose storage bin, end supports, accessory rail, and one non-handed cable manager: paint price group 1	1 Style number	
	Double-sided tackboard, fabric direction with horizontal application: fabric price group 1	2 Paint color number for end supports, back, accessory rail, and cord manager	
	Attachment hardware	3 Fabric color number for tackboard surface 1 (front)	
		4 Fabric color number for tackboard surface 2 (back)	
		5 Options, if selected (see below)	
		▶ See <i>Surface Materials</i> , page 336.	

Options	U.S. Price	Required to Specify	
<b>Surface Materials</b>	Paint price group 1	No cost	Specify paint color number.
	Paint price group 2	+\$ 46	Specify paint color number.
	Paint price group 3	+\$ 76	Specify paint color number.
<b>Tackboard</b>			
Fabric price group 1	No cost	Specify fabric color number.	
Fabric price group 2	+\$ 24	Specify fabric color number.	
Fabric price group 3	+\$122	Specify fabric color number.	
Fabric price group 4	+\$166	Specify fabric color number.	
Fabric price group 5	+\$264	Specify fabric color number.	
Fabric price group COM	+\$ 34	Specify fabric color number.	
▶ See <i>Surface Materials Reference Manual</i> to specify.			
<b>Fabric direction on 48"W and 60"W tackboards</b>			
Vertical application	No cost	Specify with vertical application.	
<b>Related Products</b>	Universal sliding door bins	▶ Pages 299–301	
	Universal over the case bins and Universal in the case bins	▶ Pages 302–311	

### Specification Information

Width	Style Number	U.S. Base Price
48"	<b>RHK48</b>	\$529
60"	<b>RHK60</b>	\$569
66"	<b>RHK66</b>	\$593
72"	<b>RHK72</b>	\$612
:	:	:



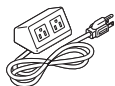
### For Canadian Pricing

Multiply U.S. Price by the Canadian price factor.

▶ See page 1 for details.

## Hutch Kit Receptacle

For Use with Hutch Kit Accessory Rail



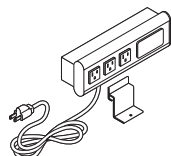
Standard Includes		Required to Specify
► Need help? Product details, page 145	<ul style="list-style-type: none"> <li>One hutch kit receptacle with 9' cord and three-prong plug: black only</li> <li>Rail attachment hardware</li> </ul>	Style number
Specification Information		
Style Number	U.S. Price	
RHKRECPT	\$139	

## Hutch Kit Cable Manager



Standard Includes		Required to Specify
► Need help? Product details, page 145	<ul style="list-style-type: none"> <li>Package of two hutch kit cable managers: paint</li> </ul>	1 Style number 2 Paint color number for cable managers ► See <i>Surface Materials</i> , page 336.
Specification Information		
Height	Style Number	U.S. Price
19 <sup>3</sup> / <sub>8</sub> "	RHKCM	\$58

## Power and Data Strip with Cord and Slatwall Attachment Bracket



Standard Includes		Required to Specify
► Need help? Product details, page 145	<ul style="list-style-type: none"><li>• Power and data strip with cord: 8043 Clear Anodized Aluminum cover with black faceplate</li><li>• Slatwall attachment bracket: 4799 Platinum paint only</li></ul>	Style number

Specification Information				
• Dimensions			• Style	• U.S.
D	W	H	Number	Price
2 1/4"	10 1/4"	3"	BPDSSWPL	\$276



### For Canadian Pricing

Multiply U.S. Price by the Canadian price factor.

► See page 1 for details.

## Hutch Connector Bracket



Standard Includes		Required to Specify
► Need help? Product details, page 145	• Bracket: paint	1 Style number 2 Paint color number for bracket ► See <i>Surface Materials</i> , page 336.
Specification Information		
• Height	• Style Number	• U.S. Price
21 $\frac{1}{8}$ "	<b>RHKESB</b>	\$86



### For Canadian Pricing

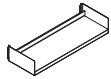
Multiply U.S. Price by the  
Canadian price factor.

► See page 1 for details.

# Universal Shelves

For Use with Avenir

Universal Shelves



	Standard Includes	Required to Specify
► Need help? Product details, page 146	<ul style="list-style-type: none"> <li>Shelf: paint price group 1</li> <li>Recess beneath unit to accommodate shelf light</li> <li>Shelf backstop</li> <li>On-module attachment hooks with safety catch</li> </ul>	1 Style number 2 Paint color number for shelf 3 Options, if selected (see below) ► See <i>Surface Materials</i> , page 336.

	Options	U.S. Price	Required to Specify
<b>Surface Materials</b>	<ul style="list-style-type: none"> <li>Paint price group 1</li> <li>Paint price group 2</li> <li>Paint price group 3</li> </ul>	No cost +\$16 +\$28	Specify paint color number. Specify paint color number. Specify paint color number.
<b>Related Products</b>	<ul style="list-style-type: none"> <li>Accessories</li> <li>Shelf lights</li> </ul>		► Pages 317–319 ► Pages 326–330

Specification Information				
Dimensions			Style	U.S.
D	W	H	Number	Base Price

## For Use with Avenir

14 <sup>3</sup> / <sub>4</sub> "	24"	7 <sup>1</sup> / <sub>2</sub> "	<b>RSH24AVR</b>	\$250
14 <sup>3</sup> / <sub>4</sub> "	30"	7 <sup>1</sup> / <sub>2</sub> "	<b>RSH30AVR</b>	\$260
14 <sup>3</sup> / <sub>4</sub> "	36"	7 <sup>1</sup> / <sub>2</sub> "	<b>RSH36AVR</b>	\$275
14 <sup>3</sup> / <sub>4</sub> "	42"	7 <sup>1</sup> / <sub>2</sub> "	<b>RSH42AVR</b>	\$293
14 <sup>3</sup> / <sub>4</sub> "	48"	7 <sup>1</sup> / <sub>2</sub> "	<b>RSH48AVR</b>	\$319
14 <sup>3</sup> / <sub>4</sub> "	60"	7 <sup>1</sup> / <sub>2</sub> "	<b>RSH60AVR</b>	\$354
14 <sup>3</sup> / <sub>4</sub> "	72"	7 <sup>1</sup> / <sub>2</sub> "	<b>RSH72AVR</b>	\$393
:			:	:

Storage



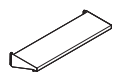
### For Canadian Pricing

Multiply U.S. Price by the Canadian price factor.

► See page 1 for details.

# Universal Personal Shelves

For Use with Avenir



Standard Includes		Required to Specify
► Need help? Product details, page 146	<ul style="list-style-type: none"> <li>Personal shelf: paint price group 1</li> <li>Recess beneath unit to accommodate shelf light</li> <li>On-module attachment hooks</li> </ul>	1 Style number 2 Paint color number for personal shelf 3 Options, if selected (see below) ► See <i>Surface Materials</i> , page 336.

	Options	U.S. Price	Required to Specify
<b>Surface Materials</b>	<ul style="list-style-type: none"> <li>Paint price group 1</li> <li>Paint price group 2</li> <li>Paint price group 3</li> </ul>	No cost +\$16 +\$28	Specify paint color number. Specify paint color number. Specify paint color number.

Specification Information		
• <b>Dimensions</b>	• <b>Style</b>	• <b>U.S.</b>
• <b>D</b>	• <b>Number</b>	• <b>Base</b>
• <b>W</b>		• <b>Price</b>
•	•	•
•	•	•

## For Use with Avenir

13 <sup>11</sup> / <sub>16</sub> "	24"	<b>RDS24AVR</b>	\$255
13 <sup>11</sup> / <sub>16</sub> "	30"	<b>RDS30AVR</b>	\$262
13 <sup>11</sup> / <sub>16</sub> "	36"	<b>RDS36AVR</b>	\$277
13 <sup>11</sup> / <sub>16</sub> "	42"	<b>RDS42AVR</b>	\$297
13 <sup>11</sup> / <sub>16</sub> "	48"	<b>RDS48AVR</b>	\$322
•	•	•	•



### For Canadian Pricing

Multiply U.S. Price by the Canadian price factor.

► See page 1 for details.



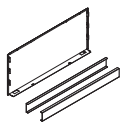
# Accessories

Accessories

For Overhead Bins and Shelves

## Horizontal Wall Attachment Brackets

For Use with Universal Sliding Door, Universal Over the Case, and Universal In the Case Bins



Standard Includes	Required to Specify
<ul style="list-style-type: none"> <li>Need help? Product details, page 150</li> <li>Brackets: paint price group 1</li> <li>Steel back to enclose storage bin: paint price group 1</li> </ul>	<ul style="list-style-type: none"> <li>1 Style number</li> <li>2 Paint color number for brackets and back</li> <li>3 Options, if selected (see below)</li> <li>See <i>Surface Materials</i>, page 336.</li> </ul>

Options	U.S. Price	Required to Specify
<b>Surface Materials</b> <ul style="list-style-type: none"> <li>Paint price group 1</li> <li>Paint price group 2</li> <li>Paint price group 3</li> </ul>	No cost +\$16 +\$28	Specify paint color number. Specify paint color number. Specify paint color number.

Specification Information		
Width	Style Number	U.S. Base Price
24"	<b>RBKHWM24</b>	\$244
30"	<b>RBKHWM30</b>	\$244
36"	<b>RBKHWM36</b>	\$244
42"	<b>RBKHWM42</b>	\$244
48"	<b>RBKHWM48</b>	\$244
60"	<b>RBKHWM60</b>	\$244
72"	<b>RBKHWM72</b>	\$244
:	:	:

## Wall Channels

For Use with Overhead Storage Products



Standard Includes	Required to Specify
<ul style="list-style-type: none"> <li>Need help? Product details, page 151</li> <li>Two wall channels: all paint price groups</li> </ul>	<ul style="list-style-type: none"> <li>1 Style number</li> <li>2 Paint color number for channels</li> <li>See <i>Surface Materials</i>, page 336.</li> </ul>

Related Products
<ul style="list-style-type: none"> <li>Tackboards</li> </ul>
Page 224

Specification Information		
Height	Style Number	U.S. Price
39 <sup>3</sup> / <sub>4</sub> "	<b>PWC53</b>	\$158
49 <sup>3</sup> / <sub>4</sub> "	<b>PWC65</b>	\$158
64 <sup>3</sup> / <sub>4</sub> "	<b>PWC80</b>	\$158
:	:	:



**For Canadian Pricing**  
 Multiply U.S. Price by the Canadian price factor.  
 See page 1 for details.

## Wall Channel Horizontal Brace

For Use with Overhead Storage Products



Standard Includes	Required to Specify
<p>► Need help? Product details, page 151</p> <ul style="list-style-type: none"> <li>Horizontal brace: all paint price groups</li> </ul>	<p>1 Style number 2 Paint color number for brace ► See <i>Surface Materials</i>, page 336.</p>

### Specification Information

Width	Style Number	U.S. Price
42"	<b>PWCHB42</b>	\$117
48"	<b>PWCHB48</b>	\$117
60"	<b>PWCHB60</b>	\$117
72"	<b>PWCHB72</b>	\$117
:	:	:

## Dividers

For Use with Universal Sliding Door, Universal Over the Case, and Universal In the Case Bins, and Universal Shelves Introduced in March 2007  
For Use with Hutch Kit



Standard Includes	Required to Specify
<p>► Need help? Product details, page 152</p> <ul style="list-style-type: none"> <li>Package of four dividers: white plastic only</li> </ul>	<p>Style number</p>

### Specification Information

Style Number	U.S. Price
<b>RDIV</b>	\$55
:	:



### For Canadian Pricing

Multiply U.S. Price by the Canadian price factor.

► See page 1 for details.

## Universal Vertical Off-Module Bracket

For Use with Universal Sliding Door, Universal Over the Case, and Universal In the Case Bins



*Tip: For two-sided, off-module application, order two vertical off-module brackets.*

*Tip: Vertical off-module brackets are used with panels which have vertical slot patterns including Answer, Kick, Avenir, and Montage.*

*Tip: For Montage, vertical off-module brackets can be used with 30"W to 60"W bins only.*

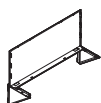
Standard Includes	Required to Specify
<ul style="list-style-type: none"> <li>▶ Need help? Product details, page 133</li> <li>• Vertical off-module bracket with safety catch: black paint only</li> </ul>	Style number

Specification Information	
Style Number	U.S. Price
RBKVOFM	\$70

## Standard Overhead Upmount Packages

For Use on Avenir Panels

For Use with Universal Sliding Door, Universal Over the Case, and Universal In the Case Bins



Standard Includes	Required to Specify
<ul style="list-style-type: none"> <li>▶ Need help? Product details, page 133</li> <li>• Pair of steel upmount brackets: paint price group 1</li> <li>• Steel back to enclose storage bin</li> </ul>	1 Style number 2 Paint color number for brackets and back 3 Options, if selected (see below) ▶ See <i>Surface Materials</i> , page 336.

Options	U.S. Price	Required to Specify
<b>Surface Materials</b>		
• Paint price group 1	No cost	Specify paint color number.
• Paint price group 2	+\$16	Specify paint color number.
• Paint price group 3	+\$28	Specify paint color number.

Specification Information		
Width	Style Number	U.S. Base Price

### For Use with Avenir

24"	<b>RUK24AVR</b>	\$209
30"	<b>RUK30AVR</b>	\$209
36"	<b>RUK36AVR</b>	\$209
42"	<b>RUK42AVR</b>	\$209
48"	<b>RUK48AVR</b>	\$209
60"	<b>RUK60AVR</b>	\$209
72"	<b>RUK72AVR</b>	\$209

Storage

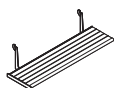


### For Canadian Pricing

Multiply U.S. Price by the Canadian price factor.

▶ See page 1 for details.

# Slim Shelves



	Standard Includes	Required to Specify
► Need help? Product details, page 153	<ul style="list-style-type: none"> <li>Shelf: paint price group 1</li> <li>Attachment brackets: paint to match shelf</li> </ul>	1 Style number 2 Paint color number for shelf 3 Options, if selected (see below) ► See <i>Surface Materials</i> , page 336.

	Options	U.S. Price	Required to Specify
<b>Surface Materials</b>	<ul style="list-style-type: none"> <li>Paint price group 1</li> <li>Paint price group 2</li> <li>Paint price group 3</li> </ul>	No cost +\$16 +\$28	Specify paint color number. Specify paint color number. Specify paint color number.

Specification Information			
• Dimensions D W	• Style Number	• U.S. Base Price	
6" 24"	<b>RSS24AVR</b>	\$234	
6" 30"	<b>RSS30AVR</b>	\$249	
6" 36"	<b>RSS36AVR</b>	\$266	
6" 42"	<b>RSS42AVR</b>	\$286	
6" 48"	<b>RSS48AVR</b>	\$304	
6" 60"	<b>RSS60AVR</b>	\$381	
6" 72"	<b>RSS72AVR</b>	\$418	
6" 96"	<b>RSS96AVR</b>	\$491	

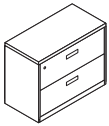


**For Canadian Pricing**  
 Multiply U.S. Price by the  
 Canadian price factor.  
 ► See page 1 for details.



# 800 Series Lateral Files

## with Flush Steel Fronts



► Need help?  
Product details,  
page 154

### Standard Includes

- Flush-front lateral file with 12"H drawers: paint price group 1
- 1"H top: paint to match file
- 800 Series or Avenir-style pulls
- Lift-up door with fixed shelf, if selected: paint to match file
- Central lock, keyed random: 9201 Polished Chrome
- One label holder per drawer: clear plastic
- Drawer body: black only
- Drawer suspensions: black only
- One hanging folder bar per drawer
- Four adjustable leveling glides
- Counterweight package, if selected

### Required to Specify

- 1 Style number
  - 2 Paint color number for file
  - 3 Pull style and color number (see below)
  - 4 Options, if selected (see below)
- See *Surface Materials*, page 336.

	Options	U.S. Price	Required to Specify
<b>Surface Materials</b>	<ul style="list-style-type: none"> <li>• Paint price group 1</li> <li>• Paint price group 2</li> <li>• Paint price group 3</li> </ul>	No cost +\$ 84 +\$145	Specify paint color number. Specify paint color number. Specify paint color number.
<b>Pulls</b>	<ul style="list-style-type: none"> <li>• 800 Series pulls: 9201 Polished Chrome</li> <li>• 800 Series pulls: paint</li> <li>• Avenir-style pulls: paint</li> </ul>	No cost No cost No cost	Specify with 9201 Polished Chrome 800 Series pulls. Specify with painted 800 Series pulls and select paint color number. Specify with Avenir-style pulls and select paint color number.
<b>Tops</b>	<b>Security top</b> <ul style="list-style-type: none"> <li>• For use on 28"H lateral files only</li> </ul> <b>No top on 28"H, 40"H, or 52"H</b> <ul style="list-style-type: none"> <li>• For use under a worksurface or beneath a common top</li> </ul> <b>Laminate top</b> <ul style="list-style-type: none"> <li>• Square edge laminate price group 1 top</li> <li>• Square edge laminate price group 2 top</li> <li>• Open Line laminate on laminate top</li> </ul> <b>Wood veneer top</b> <ul style="list-style-type: none"> <li>• Wood group 1 veneer top</li> <li>• Customiz stain on wood veneer top</li> </ul>	No cost No cost No cost +\$150 See information at left +\$ 77 plus cost of laminate +\$453 No cost	Specify with security top. Specify with no top. Specify with laminate top and indicate laminate color number for top and plastic color number for edges. Specify with laminate top and indicate laminate color number for top and plastic color number for edges. ► See <i>Surface Materials Reference Manual</i> . Specify with wood veneer top and indicate wood color number. Specify with Customiz stain. ► See <i>Surface Materials Reference Manual</i> .
<b>Drawer Interiors</b>	<ul style="list-style-type: none"> <li>• Divider package</li> <li>• Rails</li> </ul>	+\$ 30 +\$ 37	Specify with divider package. Specify with rails.
<b>Lift-Up Door With Roll-Out Shelf</b>	<ul style="list-style-type: none"> <li>• On 65½"H files</li> </ul>	+\$ 50	Specify with roll-out shelf.
<b>Counterweights</b>	<ul style="list-style-type: none"> <li>• Package 2</li> <li>• Package 3</li> <li>• Package 4</li> </ul>	+\$132 +\$132 +\$173	Specify with counterweight. Specify with counterweight. Specify with counterweight.

► Options, continued on next page

Tip: Security top reduces overall height by approximately 1".

Tip: Laminate and wood veneer tops are ⅜" taller than other tops and will add ⅜" to overall case height.

**For laminate price group 2 pricing,** please refer to the electronic catalog or SmartTools.

Tip: One hanging folder bar and three dividers are included with each lift-up door with roll-out shelf.

Tip: Counterweight packages are recommended based on case size and interior options.  
► See *Specification Information* at right.

Tip: Counterweight option should be specified if the cabinet is not ganged to adjacent cabinets or bolted to the floor or wall.

Tip: Counterweight packages ship separately from case and must be installed on site.

## ► Options, continued from previous page

	Options	U.S. Price	Required to Specify
<b>Lock and Keying</b>	<b>Lock</b>		
	• Ember Chrome	No cost	Specify with 9250 Ember Chrome lock.
	<b>Individual lock</b>		
	• With two drawers +\$146 • With three drawers +\$291 • With four drawers +\$437		Specify with individual lock. Specify with individual lock. Specify with individual lock.
<b>Related Products</b>	<b>Keying</b>		
	• Factory- and field-installed keying		► Page 360
<b>Related Products</b>	• Field-installed tops		► See <i>Storage Specification Guide</i> .
	• Storage accessories		► Pages 297–298
	• Counterweight packages		► Page 324

Tip: 65½"H files with individual lock option do not have a lock in the lift-up door. Lift-up door is locked by the drawer below.

## Specification Information

Dimensions			Counterweight Package	Style Number	U.S. Base Price
D	W	H			

Tip: Height dimension listed is for units with 1" top. Overall height will vary if another top is selected.

## Lateral Files with Drawers

## Two 12"H Drawers

18"	30"	28"	Package 3	<b>8LF18302F</b>	\$1100
18"	36"	28"	Package 4	<b>8LF18362F</b>	\$1286
18"	42"	28"	Package 4	<b>8LF18422F</b>	\$1454

## Three 12"H Drawers

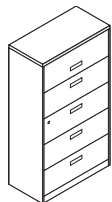
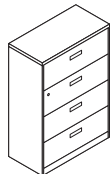
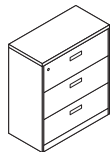
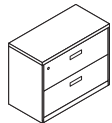
18"	30"	40"	Package 3	<b>8LF18303F</b>	\$1497
18"	36"	40"	Package 3	<b>8LF18363F</b>	\$1744
18"	42"	40"	Package 3	<b>8LF18423F</b>	\$1978

## Four 12"H Drawers

18"	30"	52"	Package 3	<b>8LF18304F</b>	\$1960
18"	36"	52"	Package 3	<b>8LF18364F</b>	\$2287
18"	42"	52"	Package 4	<b>8LF18424F</b>	\$2584

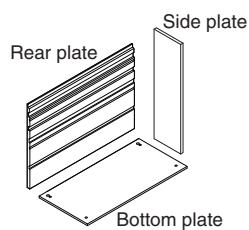
## Four 12"H Drawers and One 13½"H Lift-Up Door with Fixed Shelf

18"	30"	65½"	Package 2	<b>8LF18305F</b>	\$2356
18"	36"	65½"	Package 2	<b>8LF18365F</b>	\$2738
18"	42"	65½"	Package 3	<b>8LF18425F</b>	\$3098



 **For Canadian Pricing**  
Multiply U.S. Price by the Canadian price factor.  
► See page 1 for details.

# Counterweight Packages



Standard Includes	Required to Specify
<p>► Need help? Product details, page 155</p> <ul style="list-style-type: none"> <li>Counterweight: black only</li> <li>Attachment hardware</li> </ul>	Style number

## Specification Information

Package Number	Style Number	U.S. Price
Package 1	<b>RAACW1</b>	\$132
Package 2	<b>RAACW2</b>	\$132
Package 3	<b>RAACW3</b>	\$132
Package 4	<b>RAACW4</b>	\$173
Package 5	<b>RAACW5</b>	\$241
Package 6	<b>RAACW6</b>	\$241
.	.	.



### For Canadian Pricing

Multiply U.S. Price by the Canadian price factor.

► See page 1 for details.



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# Specifying Lighting

## Lighting

Standard Shelf Lights	326
Utility2 Shelf Lights	328
LED Shelf Lights	330
LED Linear Shelf Lights	332

## Related Products

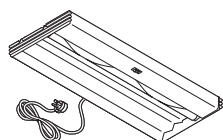
Vertical Wire Managers	334
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# Standard Shelf Lights

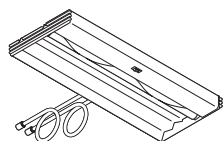
*Tip: Daisy chaining shelf lights together extends power from one fixture to another within workstations to help keep receptacles clear for other uses.*  
 ▶ See page 166 for more information.

*Tip: Because shelf lights are usually recessed, black is the standard paint color. Paint colors other than black have an upcharge.*

*Tip: If an optional paint color is selected for the housing, the electrical switches and end caps will remain black plastic.*



*Tip: When ordering with standard power cord or Chicago cord, daisy chaining is not possible.*



*Tip: Remember to order a daisy chain starter cord separately.*  
 ▶ See page 171.

 **For Canadian Pricing**  
 Multiply U.S. Price by the Canadian price factor.  
 ▶ See page 1 for details.

	Standard Includes	Required to Specify
▶ Need help? Product details, page 164	<ul style="list-style-type: none"> <li>Light housing with centered on-off switch: black paint</li> <li>End cap cord managers: black plastic only</li> <li>Cords:               <ul style="list-style-type: none"> <li>Standard and Chicago (including circuit breaker), 9' cord with three-prong plug at 45° angle: black plastic only</li> <li>Daisy chain, one 78" cord with modular connectors for daisy chaining: black plastic only</li> </ul> </li> <li>Contrast sleeve around lamp</li> <li>Faceted reflector: white only</li> <li>T8 3500K lamp</li> <li>Ballast</li> <li>Universal mounting hardware package</li> <li>Daisy chain starter cord, if selected: black plastic only (order separately)</li> </ul>	1 Style number 2 Paint color number, if other than black (see options below) 3 Options, if selected (see below) ▶ See <i>Surface Materials</i> , page 336.

	Options	U.S. Price	Required to Specify
<b>Surface Materials</b>	<ul style="list-style-type: none"> <li>Painted light housing other than black</li> </ul>	+\$29	Specify paint color number for housing.
<b>Bracket Option</b>	<ul style="list-style-type: none"> <li>Competitive mounting package</li> <li>Flush mounting package</li> </ul>	No cost No cost	Specify <i>with competitive mounting package</i> . Specify <i>with flush mounting package</i> and paint color number for end cap covers.

Specification Information				
Dimensions	Lamp	Style	U.S.	
D W H	Wattage	Number	Base Price	

## Electronic High-Power-Factor Ballast

### With Standard Power Cord

9 1/4"	25"	1 3/4"	17 watts	<b>LSM24K</b>	\$483
9 1/4"	37"	1 3/4"	25 watts	<b>LSM36K</b>	\$513
9 1/4"	49"	1 3/4"	32 watts	<b>LSM48K</b>	\$555

### With Chicago Cord Including Circuit Breaker

9 1/4"	25"	1 3/4"	17 watts	<b>LSM24KC</b>	\$558
9 1/4"	37"	1 3/4"	25 watts	<b>LSM36KC</b>	\$588
9 1/4"	49"	1 3/4"	32 watts	<b>LSM48KC</b>	\$630

### With Daisy Chain Cords

9 1/4"	25"	1 3/4"	17 watts	<b>LSM24KD</b>	\$525
9 1/4"	37"	1 3/4"	25 watts	<b>LSM36KD</b>	\$555
9 1/4"	49"	1 3/4"	32 watts	<b>LSM48KD</b>	\$597

▶ **Specification Information, continued on next page**

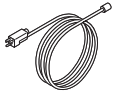
## ► Specification Information, continued from previous page

**Related Products**

Quantity in Package	Length	Style Number	U.S. Price
------------------------	--------	-----------------	---------------

**Daisy Chain Starter Cord**

1	78"	<b>LS1FSC</b>	\$ 67
6	78"	<b>LS6FSC</b>	\$402
.	.	.	.



*Tip: Use with standard shelf light with daisy chain cord only. Do not order with Utility2.*

**For Canadian Pricing**

Multiply U.S. Price by the Canadian price factor.

► See page 1 for details.

# Utility2 Shelf Lights X10/21

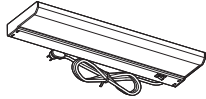
Tip: Daisy chaining is not allowed in Chicago. Local electrical codes vary, so you should consult a qualified electrical contractor or engineer for proper installation of all electrical equipment.

Tip: Specification guidelines can be found on the next page.

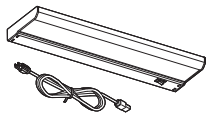
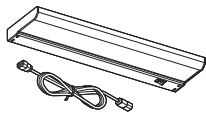
Tip: Cord on stand alone light has right-hand exit. Cord on daisy chain light has off center exit.

Tip: Because shelf lights are usually recessed, black is the standard paint color. Paint colors other than black have an upcharge.

Tip: If an optional paint color is selected for the housing, the electrical switches and end caps will remain black plastic.



Tip: When ordering with standard power cord or Chicago cord, daisy chaining is not possible.



Tip: Minimum of two fixtures for daisy chaining and maximum of 10.

► For more information on daisy chaining, see page 166.

Tip: When ordering starter light do not order a daisy chain starter cord.

Standard Includes	Required to Specify
<p>► Need help? Product details, page 164</p> <ul style="list-style-type: none"> <li>Light housing with right-hand on-off switch: black paint</li> <li>End cap cord managers: black plastic only</li> <li>Cords: <ul style="list-style-type: none"> <li>Standard and Chicago (including circuit breaker), 9' cord with three-prong plug at 45° angle: black plastic only</li> <li>Daisy chain, one 78" cord with modular connectors for daisy chaining: black plastic only</li> </ul> </li> <li>Prismatic lens</li> <li>Angled reflector: silver only</li> <li>T8 3500K lamp</li> <li>Ballast</li> <li>Universal and flush mounting hardware package</li> </ul>	<ol style="list-style-type: none"> <li>Style number</li> <li>Paint color number, if other than black (see options below)</li> <li>Options, if selected (see below)</li> </ol> <p>► See <i>Surface Materials</i>, page 336.</p>

Options	U.S. Price	Required to Specify
<b>Surface Materials</b>	<ul style="list-style-type: none"> <li>Painted light housing other than black +\$29</li> </ul>	Specify paint color number for housing.
<b>Lens</b>	<ul style="list-style-type: none"> <li>Batwing lens +\$38</li> </ul>	Specify with batwing lens.

Specification Information				
Dimensions	Lamp	Style	U.S.	
D W H	Wattage	Number	Base Price	

## Electronic High-Power-Factor Ballast

### With Standard Power Cord

67/8"	25"	15/8"	17 watts	<b>LSB24K2</b> X10/21	\$322
67/8"	37"	15/8"	25 watts	<b>LSB36K2</b> X10/21	\$378
67/8"	49"	15/8"	32 watts	<b>LSB48K2</b> X10/21	\$421

### With Chicago Cord Including Circuit Breaker

67/8"	25"	15/8"	17 watts	<b>LSB24KC2</b> X10/21	\$397
67/8"	37"	15/8"	25 watts	<b>LSB36KC2</b> X10/21	\$453
67/8"	49"	15/8"	32 watts	<b>LSB48KC2</b> X10/21	\$496

### Daisy Chain Light with 78" Jumper Cord

67/8"	25"	15/8"	17 watts	<b>LSB24KD2</b> X10/21	\$364
67/8"	37"	15/8"	25 watts	<b>LSB36KD2</b> X10/21	\$420
67/8"	49"	15/8"	32 watts	<b>LSB48KD2</b> X10/21	\$463

### Daisy Chain Starter Light with 9' Starter Cord

67/8"	25"	15/8"	17 watts	<b>LSB24KS2</b> X10/21	\$364
67/8"	37"	15/8"	25 watts	<b>LSB36KS2</b> X10/21	\$420
67/8"	49"	15/8"	32 watts	<b>LSB48KS2</b> X10/21	\$463
:	:	:	:	:	:

► **Specification Information, continued on next page**

X10/21 = Last order entry  
October 17, 2021




## ► Specification Information, continued from previous page

## Specification Information




• Dimensions			• Lamp	• Style	• U.S.
D	W	H	Wattage	Number	Base Price

## Electronic Normal-Power-Factor Ballast




## With Standard Power Cord

6 <sup>7</sup> / <sub>8</sub> "	25"	1 <sup>5</sup> / <sub>8</sub> "	17 watts	LSB24M2 	\$229
6 <sup>7</sup> / <sub>8</sub> "	37"	1 <sup>5</sup> / <sub>8</sub> "	25 watts	LSB36M2 	\$285
6 <sup>7</sup> / <sub>8</sub> "	49"	1 <sup>5</sup> / <sub>8</sub> "	32 watts	LSB48M2 	\$328




## With Chicago Cord Including Circuit Breaker

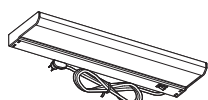
6 <sup>7</sup> / <sub>8</sub> "	25"	1 <sup>5</sup> / <sub>8</sub> "	17 watts	LSB24MC2 	\$304
6 <sup>7</sup> / <sub>8</sub> "	37"	1 <sup>5</sup> / <sub>8</sub> "	25 watts	LSB36MC2 	\$360
6 <sup>7</sup> / <sub>8</sub> "	49"	1 <sup>5</sup> / <sub>8</sub> "	32 watts	LSB48MC2 	\$403

## Daisy Chain Light with 78" Jumper Cord

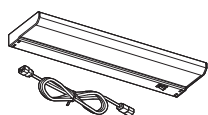
6 <sup>7</sup> / <sub>8</sub> "	25"	1 <sup>5</sup> / <sub>8</sub> "	17 watts	LSB24MD2 	\$271
6 <sup>7</sup> / <sub>8</sub> "	37"	1 <sup>5</sup> / <sub>8</sub> "	25 watts	LSB36MD2 	\$327
6 <sup>7</sup> / <sub>8</sub> "	49"	1 <sup>5</sup> / <sub>8</sub> "	32 watts	LSB48MD2 	\$370

## Daisy Chain Starter Light with 9' Starter Cord

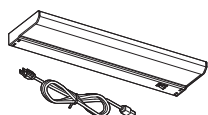
6 <sup>7</sup> / <sub>8</sub> "	25"	1 <sup>5</sup> / <sub>8</sub> "	17 watts	LSB24MS2 	\$271
6 <sup>7</sup> / <sub>8</sub> "	37"	1 <sup>5</sup> / <sub>8</sub> "	25 watts	LSB36MS2 	\$327
6 <sup>7</sup> / <sub>8</sub> "	49"	1 <sup>5</sup> / <sub>8</sub> "	32 watts	LSB48MS2 	\$370



Tip: When ordering with standard power cord or Chicago cord, daisy chaining is not possible.



Tip: When ordering daisy chain with jumper cord there is no power supply.



Tip: Minimum of two fixtures for daisy chaining and maximum of 10.

► For more information on daisy chaining, see page 166.

Tip: When ordering starter light do not order a daisy chain starter cord.

## Specification Guidelines


Application	Requirement
2 lights	1 starter light fixture and 1 daisy chain light with jumper cord fixtures
3 lights	1 starter light fixture and 2 daisy chain light with jumper cord fixtures
4 lights	1 starter light fixture and 3 daisy chain light with jumper cord fixtures
5 lights	1 starter light fixture and 4 daisy chain light with jumper cord fixtures
6 lights	1 starter light fixture and 5 daisy chain light with jumper cord fixtures
7 lights	1 starter light fixture and 6 daisy chain light with jumper cord fixtures
8 lights	1 starter light fixture and 7 daisy chain light with jumper cord fixtures
9 lights	1 starter light fixture and 8 daisy chain light with jumper cord fixtures
10 lights	1 starter light fixture and 9 daisy chain light with jumper cord fixtures



## For Canadian Pricing

Multiply U.S. Price by the Canadian price factor.

► See page 1 for details.

 10/21 = Last order entry  
October 17, 2021

# LED Shelf Lights

Tip: Maximum number of lights that can be daisy chained is three lights.

► Need help?  
Product details,  
page 166

## Standard Includes

- Aluminum extrusion with plastic cover
- Power supply with cord
- Soft touch switch
- Thin profile accommodates recessed and low profile flush mounting
- Ultra energy efficient LED light source
- Universal magnetic mounting
- Polycarbonate matte film diffuser
- Continuous dimming

## Required to Specify

- 1 Style number
- 2 Plastic color number for cover:  
6000 Black  
6009 Arctic White
- 3 Options, if selected (see below)

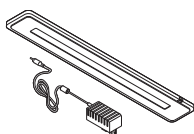
Options	U.S. Price	Required to Specify
<b>Mounting</b>	• Fastener kit for use with wood shelf +\$8	Specify <i>with fastener kit</i> .

## Specification Information

Dimensions	Lamp Wattage	Style Number	U.S. Base Price
D    W    H			

### LED Standard Light

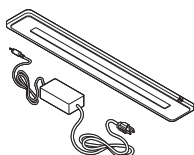
2½"	18"	½"	9.6 watts	<b>LSL18</b>	\$392
:	:	:	:	:	:



Tip: LED standard light comes with a 9' 18 watt power supply.

### LED Daisy Chain Starter Light

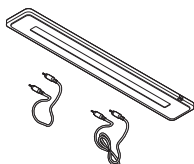
2½"	18"	½"	9.6 watts	<b>LSL18YA</b>	\$422
:	:	:	:	:	:



Tip: Daisy chain starter light comes with a 60 watt power supply that will support up to three lights in series (11' cord; 6' from power supply to power outlet, 5' from power supply to fixture). Does not include daisy chain jumper cords.

### LED Daisy Chain Secondary Light

2½"	18"	½"	9.6 watts	<b>LSL18YB</b>	\$385
:	:	:	:	:	:



Tip: Daisy chain secondary light does not come with a power supply. Daisy chain cord package (8" and 30") comes standard with each secondary light.



# LED Linear Shelf Lights

*Tip: The power supply for the 17" stand alone only uses a straight plug with a 9' 18 watt 24 volt wall transformer. The power supply for the 31", 44", 58", or 17" starter light uses a 11' 60 watt compact in-line brick with straight plug.*

Standard Includes		Required to Specify	
► Need help? Product details, page 168	<ul style="list-style-type: none"> <li>Task light and mounting bracket: 4231 Arctic White</li> <li>Power supply with cord: black</li> <li>Soft touch switch</li> <li>Magnetic and wood mounting brackets</li> <li>Continuous range dimmer</li> <li>Automatic turn off program</li> <li>Color temperature 3500K</li> </ul>	1 Style number 2 Options, if selected (see below)	
Options		U.S. Price	Required to Specify
<b>Surface Materials</b>	<ul style="list-style-type: none"> <li>Painted light housing in 0835 Black</li> </ul>	+\$ 13	Specify with 0835 Black.
<b>Occupancy Sensor</b>	<ul style="list-style-type: none"> <li>17"W, 31"W, 44"W, and 58"W with stand alone or daisy chain starter</li> </ul>	+\$145	Specify with occupancy sensor.
<b>High Output</b>	<ul style="list-style-type: none"> <li>17"W with stand alone, starter, or secondary</li> </ul>	+\$ 91	Specify with high output.
	<ul style="list-style-type: none"> <li>31"W, 44"W, and 58"W with stand alone or daisy chain starter, or secondary</li> </ul>	+\$155	Specify with high output.

## Specification Information

Dimensions			Style	U.S.
D	W	H	Number	Base Price
:	:	:	:	:

### 17" Stand Alone Light

2"	17"	7/10"	<b>LLL17</b>	\$297
:	:	:	:	:

### 17" Daisy Chain Starter Light

2"	17"	7/10"	<b>LLL17YA</b>	\$346
:	:	:	:	:

### 17" Daisy Chain Secondary Light

2"	17"	7/10"	<b>LLL17YB</b>	\$259
:	:	:	:	:

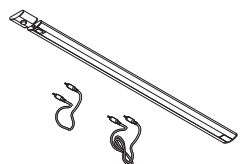
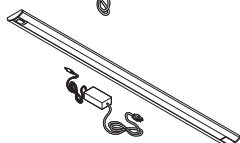
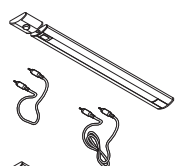
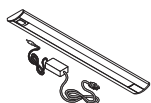
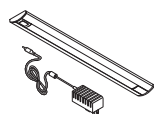
### 31" Stand Alone or Daisy Chain Starter Light

2"	31"	7/10"	<b>LLL31</b>	\$481
:	:	:	:	:

### 31" Daisy Chain Secondary Light

2"	31"	7/10"	<b>LLL31YB</b>	\$399
:	:	:	:	:

► Specification Information, continued on next page



 **For Canadian Pricing**  
Multiply U.S. Price by the  
Canadian price factor.  
► See page 1 for details.



## ► Specification Information, continued from previous page

## Specification Information

• Dimensions			• Style	• U.S.
D	W	H	Number	Base
				Price

**44" Stand Alone or Daisy Chain Starter Light**

2"	44"	7/10"	<b>LLL44</b>	\$638
:	:	:	:	:

**44" Daisy Chain Secondary Light**

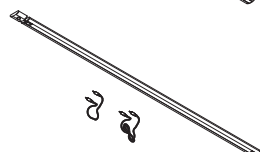
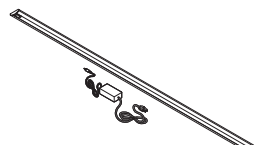
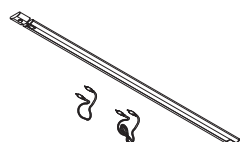
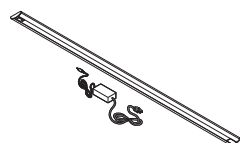
2"	44"	7/10"	<b>LLL44YB</b>	\$535
:	:	:	:	:

**58" Stand Alone or Daisy Chain Starter Light**

2"	58"	7/10"	<b>LLL58</b>	\$818
:	:	:	:	:

**58" Daisy Chain Secondary Light**

2"	58"	7/10"	<b>LLL58YB</b>	\$578
:	:	:	:	:

**For Canadian Pricing**

Multiply U.S. Price by the Canadian price factor.

► See page 1 for details.

# Vertical Wire Managers



	Standard Includes	Required to Specify
► Need help? Product details, page 172	<ul style="list-style-type: none"> <li>Vertical wire manager cover: vertical surface fabric or plastic</li> <li>Top cap, on applicable models:                             <ul style="list-style-type: none"> <li>— paint on fabric-covered vertical wire manager</li> <li>— plastic on plastic vertical wire manager</li> </ul> </li> <li>Reveal between top cap and vertical wire manager cover, on applicable models: black plastic only</li> </ul>	<ul style="list-style-type: none"> <li>1 Style number</li> <li>2 Fabric or plastic color number for vertical wire manager cover: all Avenir vertical surface fabrics or plastics</li> <li>3 Paint color number for top cap on fabric-covered vertical wire manager</li> </ul> <p>► See <i>Surface Materials</i>, page 336.</p>

## Specification Information

Height	With Top Cap	Style Number	U.S. Price
:	:	:	:

### Fabric Covered for Use Between Panel Top Cap and Worksurface

10 <sup>7</sup> / <sub>16</sub> "	Yes	<b>VWM41M</b>	\$119
21 <sup>9</sup> / <sub>16</sub> "	Yes	<b>VWM53M</b>	\$128
33 <sup>7</sup> / <sub>8</sub> "	Yes	<b>VWM65M</b>	\$147
49 <sup>11</sup> / <sub>16</sub> "	Yes	<b>VWM80M</b>	\$162
:	:	:	:

### Fabric Covered for Use Between Storage Bins, Shelves, and Worksurface

17 <sup>1</sup> / <sub>2</sub> "	No	<b>VWM18</b>	\$119
:	:	:	:

### Plastic

49 <sup>11</sup> / <sub>16</sub> "	Yes	<b>PVWMM</b>	\$ 85
:	:	:	:



**For Canadian Pricing**  
Multiply U.S. Price by the  
Canadian price factor.  
► See page 1 for details.

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# Surface Materials

<b>Surface Materials</b>	<b>336</b>
<b>Paint, Textured Paint, and Coating Color Availability Matrix</b>	<b>342</b>
<b>Laminate Color Availability Matrix</b>	<b>344</b>
<b>Wood Color Availability Matrix</b>	<b>345</b>
<b>Plastic Color Availability Matrix</b>	<b>346</b>
<b>Vertical Surface Fabric Color Availability Matrix</b>	<b>347</b>
<b>Color Coordination Matrices</b>	<b>348</b>
<b>Trim Color Defaults for Mobile Pedestal Laminate Tops</b>	<b>353</b>
<b>Directional Laminate Grain Directions</b>	<b>354</b>
<b>Specification Guidelines for Vertical Fabric Applications</b>	<b>356</b>

# Surface Materials

**This listing** includes all the surface material choices that are available for the products in this specification guide.

## Resources

For more information about surface materials, refer to the following resources:

**Additional surface materials specification tools** are available to assist you in the specification process—the Surface Materials Binders.

**The global surface materials palette** is a core collection of finishes that is available across multiple geographies (Americas/ EMEA – Europe, Middle East, and Africa/ APAC – Asia Pacific) and on global product lines, where applicable. For a list of finishes included in the offering, see the *Surface Materials Reference Manual*. Additional details, like product approvals by geography and finish number conversions, can also be found in the *Surface Materials Reference Manual* or see [steelcase.com/surface-materials](http://steelcase.com/surface-materials).

## Surface Materials

### Binders include:

- Surface Materials Reference Manual
- A complete set of swatch cards for hard surfaces, vertical surface fabrics, and seating upholstery

## Paint

Not every paint color is available on every painted component.

► Refer to the *Paint, Textured Paint, and Coating Color Availability Matrix* on page 342 before specifying.

## Steelcase Surfaces

### Price Group 1

#### Smooth Paint

4242 Milk

#### Textured Paint

7207 Black  
7225 Sand  
7236 Fog **E**  
7237 Slate **E**  
7238 Fieldstone  
7239 Midnight  
7241 Arctic White  
7243 Seagull  
7250 Sterling Dark Solid  
7278 Dark Bronze

### Price Group 2

#### Smooth Metallic Paint

4728 Nickel Metallic  
4743 Mineral Metallic  
4744 Pearl Metallic  
4750 Champagne Metallic  
4752 Steel Metallic **E**  
4788 Gold Dust Metallic **E**  
4798 Sterling Metallic  
4799 Platinum Metallic  
4803 Near Black Metallic

#### Textured Metallic Paint

7245 Carbon Metallic  
7246 Midnight Metallic

### Price Group 3

#### Accent paint

1ATB Cloud  
1ATG Rose Quartz  
1ATH Olivine  
1ATJ Sea Salt  
1ATK Citrine  
4AQ8 Wasabi  
4AQ9 Scarlet  
4AV3 Blue Jay  
4AV4 Baltic  
4AX0 Flash  
4AX1 Citron  
4AY2 Chili  
4AZ5 Marlin  
4BQ7 Fuchsia  
4CZ1 Aubergine  
4CZ2 Peacock  
4CZ3 Jungle  
4CZ4 Merlot  
4CZ5 Honey  
4CZ6 Lagoon  
4CZ7 Saffron  
4CZ8 Light Peacock  
4EE9 Electric Indigo

## Lux Coatings

4B20 Obsidian  
4B22 Matte Brass  
4B23 Burnished Bronze  
4B24 Night Bronze  
4B25 Matte Copper  
4B26 Smoked Mica  
4B27 Blue Steel  
4B28 Silver Lilac  
4B29 Cast Iron  
4B30 Bright Gold

## Custom Surfaces

### Price Group 3

#### PerfectMatch

PerfectMatch is a service that allows you to create your own paint color. Refer to the *Surface Materials Reference Manual* for more information about this program.

*Tip: A one-time \$500 U.S. per color, per customer, registration fee will be invoiced. There is no additional upcharge for PerfectMatch paint on Avenir products. ► See PerfectMatch Paint or Coating in the Steelcase Surface Materials Reference Manual for more details.*

## Accessory Paint

### Steelcase Surfaces

4140 Arctic White Gloss  
4144 Black Gloss

## Laminate

### Steelcase Surfaces

#### High-Pressure Laminate

### Price Group 1

Not every laminate is available on all worksurfaces.  
► Refer to the *Laminate Color Availability Matrix* on page 344 before specifying.

#### Fiber Laminate

2850 Vanadium Fiber  
2852 Tungsten Fiber  
2854 Vellum Fiber **E**  
2860 Granite Fiber  
2862 Stucco Fiber **E**

#### Micro Laminate

2920 Marl Micro  
2921 Gypsum Micro  
2922 Clay Micro

#### Patina Laminate

2870 Blonde Bronze Patina  
2873 Instant Iron Patina

#### Solid Laminate

2722 Cream **E**  
2730 Arctic White  
2746 Black  
2811 Mist **E**  
2883 Seagull  
2884 Milk  
2885 Dune  
2HAA Persian Salt  
2HAB Rose  
2HAC Indigo  
2HAD Green Citrine  
2HAE Dark Olivine  
2HAF Cloudy  
2HMG Merle

#### Speckle Laminate

2820 Coffee Speckle **E**  
2823 Driftwood Speckle  
2824 Smoke Speckle  
2825 Vanadium Speckle

*Tip: Some wood veneer finishes and woodgrain laminates share the same name. Because of the difference in materials, veneers and laminates of the same name are not an exact match but do coordinate with each other.*

## Woodgrain Laminate

2406 Clear Cherry **E**  
2409 Clear Maple  
2410 Graphite Walnut  
2412 Natural Cherry  
2422 Medium Cherry  
2511 Winter on Maple  
2535 Virginia Walnut  
2536 Blackwood  
2538 Clear Walnut  
2592 Blonde on Maple **E**  
2612 Marbled Maple **E\***  
2614 Chocolate Walnut **E\***  
2615 Marbled Cherry **E\***  
2714 Natural Walnut **E**  
2HAK Clear Oak  
2HAN Ash Noce  
2HAT Acacia  
2HAW Ash Wenge  
2HBN Bisque Noce  
2HBW Bisque Wenge  
2HCN Clay Noce  
2HCW Clay Wenge  
2HSN Storm Noce  
2HSW Storm Wenge  
2HWA Grey Kingswood  
2HWB Planked Walnut  
2HWD Resolute Walnut  
2HWE Natural Recon  
2HWF Smoked Walnut

### Price Group 2

#### Textured Laminate

2TH2 Fawn Cypress  
2TH4 Saddle Oak  
2TH5 Veranda Teak  
2TH7 Walnut Heights  
2UH1 Reclaimed Aggregate  
2UH2 Reclaimed Gravel  
2UH4 Cement\*  
2UH6 Sheetrock

*\*2612 Marbled Maple, 2614 Chocolate Walnut, 2615 Marbled Cherry, and 2UH4 Cement have limited availability, determined by product sizing and/or options.*

### Price Group 3

#### Solid Laminate

24H1 Satin White  
24H2 Satin Black  
24H3 Satin Stone  
24H4 Satin Mocha

**E** = Established

## Custom Surfaces

### Open Line Laminate (OLL)

This service allows you to order non-standard laminate at an additional processing fee of \$77 U.S. per unit, plus the cost of the laminate.

High-Pressure Laminate pricing does not include premium or digitally printed patterns from any suppliers. Laminate cost may also vary for basic or standard laminates from other suppliers. Please contact the OLL consultant at 616.475.2426 for pricing. The cost of the laminate will be added to your invoice as a separate line on the acknowledgement.

**Edge color** for custom laminate orders must be determined by the dealer and customer before orders can be entered. There are no additional charges beyond the initial \$77 U.S. list to obtain different edge colors with Steelcase standard laminates.

### Laminate Approval and Material Requirements

To confirm whether a particular laminate has already been tested for use on a specific Steelcase product or to determine material square foot requirements:

- Visit [www.steelcase.com](http://www.steelcase.com)

**For additional information,** refer to the *Steelcase Surface Materials Reference Manual*.

## Wood

Steelcase carefully selects veneer and solid wood for consistent color and grain structure. Wood is a natural material and variations will occur in color, grain and texture. These variations are part of the inherent natural beauty of wood and are not considered defects.

All wood products will darken with age and exposure to ultraviolet light. This is especially apparent with cherry and maple veneer. We recommend that desk accessories be rearranged periodically to ensure even aging of wood surfaces.

When storing your wood furniture, please follow the following guidelines:

- Do not store products in trailers
- Store products in areas that simulate office temperatures (60°F to 90°F)
- Store products in areas that maintain constant, office-like humidity levels
- Keep product away from light. Cover products to make sure they are not exposed to light.

Ⓔ = Established

## Steelcase Surfaces

**Veneers** are matched for proper balance and consistency. Veneers are available flat cut or quarter cut, except for Oak, which is rift cut. Refer to the *Surface Materials Reference Manual* for descriptions of each cut.

**Open-pore finish** is a medium gloss finish that leaves the wood grain texture visible to the eye and distinguishable to the touch.

### Veneer

#### Wood Group 1

##### Flat-Cut Open-Pore

- 3062 FC/OP Graphite Walnut
- 3402 FC/OP Clear Cherry (Aged)
- 3412 FC/OP Natural Cherry Ⓔ
- 3422 FC/OP Medium Cherry
- 3522 FC/OP Clear Maple
- 3592 FC/OP Blonde on Maple Ⓔ
- 3702 FC/OP Clear Walnut
- 3712 FC/OP Natural Walnut
- 3752 FC/OP Medium Walnut Ⓔ
- 3762 FC/OP Dark Walnut
- 3772 FC/OP Medium Mahogany on Walnut

##### Flat-Cut Open-Pore, Natural Veneer

- 3342 FC/OP Black Walnut
- 35A2 FC/OP Blanch Maple
- 37A2 FC/OP Thunder Walnut

##### Quarter-Cut Open-Pore

- 3042 QC/OP Ash
- 3222 QC/OP Clear Maple
- 3292 QC/OP Blonde on Maple Ⓔ
- 3302 QC/OP Clear Walnut
- 3312 QC/OP Natural Walnut
- 3352 QC/OP Medium Walnut Ⓔ
- 3362 QC/OP Dark Walnut
- 3372 QC/OP Medium Mahogany on Walnut
- 3382 QC/OP Graphite Walnut

##### Quarter-Cut Open-Pore, Natural Veneer

- 32A2 QC/OP Blanch Maple
- 33A2 QC/OP Thunder Walnut
- 3392 QC/OP Black Walnut

##### Rift-Cut Open-Pore

- 3602 RC/OP Desert Oak

##### Rift-Cut Full-Fill, Natural Veneer

- 36A2 RC/OP Volcanic Oak

#### Wood Group 3

##### Flat-Cut Open-Pore, Natural Veneer

- 3082 FC/OP Washed Walnut

#### Wood Group 1

##### Open-Pore Planked Veneer

- 3P41 OP Planked Cherry
- 3P51 OP Planked Maple
- 3P61 OP Planked Oak
- 3P71 OP Planked Walnut
- 3VFX OP Unmarked Oak

*Tip: Known for its uniqueness, planked veneer has intentional and natural variations that include, but are not limited to: character marks, grain pattern, color, and natural color aging.*

## Full-Fill

**Full-fill finish** is a medium-gloss finish that completely fills the grain texture, yet allows the grain pattern to be seen. The wood has a lustrous, satiny look, and it is smooth to the touch. This finish is available on the wood worksurface or field-installed top only.

#### Wood Group 2

##### Flat-Cut Full-Fill

- 3064 FC/FF Graphite Walnut
- 3404 FC/FF Clear Cherry (Aged)
- 3414 FC/FF Natural Cherry Ⓔ
- 3424 FC/FF Medium Cherry
- 3524 FC/FF Clear Maple
- 3544 FC/FF Blonde on Maple Ⓔ
- 3704 FC/FF Clear Walnut
- 3714 FC/FF Natural Walnut
- 3754 FC/FF Medium Walnut Ⓔ
- 3764 FC/FF Dark Walnut
- 3774 FC/FF Medium Mahogany on Walnut

##### Flat-Cut Full-Fill, Natural Veneer

- 3734 FC/FF Black Walnut

##### Quarter-Cut Full-Fill

- 3224 QC/FF Clear Maple
- 3294 QC/FF Blonde on Maple Ⓔ
- 3304 QC/FF Clear Walnut
- 3314 QC/FF Natural Walnut
- 3354 QC/FF Medium Walnut Ⓔ
- 3364 QC/FF Dark Walnut
- 3374 QC/FF Medium Mahogany on Walnut
- 3384 QC/FF Graphite Walnut

##### Quarter-Cut Full-Fill, Natural Veneer

- 3394 QC/FF Black Walnut

##### Rift-Cut Full-Fill

- 3604 RC/FF Desert Oak

#### Wood Group 3

##### Flat-Cut Full-Fill, Natural Veneer

- 3084 FC/FF Washed Walnut

## Premium Veneers

A selection of Premium veneers in this collection are available on most Steelcase brand products. The collection will be available as close to standard leadtimes as possible. However, because adequate supplies of veneer and solids must be secured, all orders will be scheduled individually. Leadtimes will vary based on Premium veneer and Premium solids availability at the time the order is placed. The collection is Graded-In Wood Group 3, and supported like standard veneers to make ordering easy. Please see the Steelcase surface materials section on [village.steelcase.com](http://village.steelcase.com) for sample information and product line availability. All premium veneers are in clear-coat.

#### Wood Group 3

##### Quarter-Cut Open-Pore

- 3832 QC/OP Figured Anigre

## Select Surfaces

For information on products within Select Surfaces, including accent paints and fabrics from Designtex, Gabriel, Kvadrat, and Pollack, please refer to the Surface Materials Reference Manual or visit [steelcase.com/surface-materials](http://steelcase.com/surface-materials) under the Select Surfaces section.

## Composite Veneer

Composite veneers are an engineered wood intended to create specific grain patterns and characteristics. They are pre-stained and finished with Steelcase's Clarity water-borne UV topcoat, which protects the environment while providing durability and clarity. Only open-pore finishes are available on composite wood. Composite veneer and matching edge bands are available on most Steelcase brand products. Composites, for use as a solid nosing substitute, are not available. Steelcase does not recommend mixing composite veneers with natural solid nosings because composite and natural wood grain and color matching are rarely compatible. Composite veneers are Graded-In as Wood Group 1 pricing.

## Wood Group 1

### Flat-Cut Open-Pore

3JDX FC/OP Oak Composite  
3JJX FC/OP Walnut Composite

### Quarter-Cut Open-Pore

3F8X QC/OP European Walnut Composite  
3GGX QC/OP Zebrano Composite  
3HGX QC/OP Oak Composite  
3HVX QC/OP Walnut Composite  
3ZNX QC/OP Night Cerused Oak Composite

## Custom Surfaces

**Customiz stain** is a service that allows you to create your own stain colors and finishes on standard veneer. Customiz stain color is available on all product lines that offer wood veneer.

A \$500 stain-matching fee applies on CUSTOMIZ requests (Exception: The \$500 fee does not apply on matches to Coalesse standard finishes or for a low-gloss finish request on a standard color). The \$500 fee covers the cost of formulating the Customiz color finish and applies regardless of whether or not an order for product is placed.

In addition, an approval form must be signed to indicate customer acceptance of Customiz match. A \$1,500 initiation fee will be charged prior to first order entry. This initiation fee activates the finish for unlimited use on any Steelcase product for an 18 month time period. After the 18 month time period has lapsed, the Customiz finish may be reactivated for another 18 months for a \$1,000 fee at any point within five years after the \$1,500 initiation fee was paid. If the finish is not reactivated within five years after the \$1,500 initiation fee was paid, the finish will be culled and the customer will need to pay the \$1,500 initiation fee again. All style number related Customiz charges products are no cost as of April 2014. The matching and initiation fees are not discountable.

Customiz stain takes 10 days to formulate. Consult the *Surface Materials Reference Manual* for more information. Custom veneers are also available and must be quoted by Steelcase specials group. Customiz stain on custom veneers takes 2 to 4 weeks to formulate.

Requirements and information on ordering a Customiz stain color are found in the *Surface Materials Reference Manual*.

## Plastic

### Steelcase Surfaces

Plastic products may not be available in all colors listed below.

► Refer to page 346 for an overview of the plastic colors that are available for each component.

6000 Black	6631 Cream
6001 Coffee	6635 Dawn <sup>E</sup>
6009 Arctic White	6636 Mist
6052 Milk	6654 Sand
6053 Seagull	6655 Warm White
6249 Platinum Solid	6681 Grotto <sup>E</sup>
6612 Grey V2 <sup>E</sup>	6695 Midnight
6615 Grey V5	6697 Fog

*Tip: Light color plastic edges are susceptible to degradation due to normal wear and tear. Staining (e.g., ball point pen or clothing dyes such as blue jeans) and dirt effects are more pronounced in light colors and are not considered defects.*

Applies to:

- 3 mm and 1 mm edge profile on Avenir Universal Systems Worksurfaces

6000 Black
6001 Coffee
6009 Arctic White
6034 Natural Cherry
6036 Medium Cherry
6037 Winter on Maple
6038 Blonde on Maple <sup>E</sup>
6041 Natural Walnut <sup>E</sup>
6052 Milk
6053 Seagull
6169 Stone
6170 Mocha
61AA Persian Salt
61AB Rose
61AC Indigo
61AD Green Citrine
61AE Dark Olive
61AF Cloudy
6213 Acacia
6219 Clear Oak
6231 Graphite Walnut
6234 Clear Cherry <sup>E</sup>
6237 Clear Maple
6242 Virginia Walnut
6243 Blackwood <sup>E</sup>
6245 Clear Walnut
6249 Platinum Solid
6271 Plywood
6527 Merle
6607 Woodrose <sup>E</sup>
6608 Driftwood <sup>E</sup>
6609 Smoke <sup>E</sup>
6615 Grey V5
6617 Warm Brown V2 <sup>E</sup>
6619 Ice <sup>E</sup>
6631 Cream
6635 Dawn <sup>E</sup>
6636 Mist
6654 Sand
6655 Warm White
6676 Marbled Maple <sup>E</sup>
6677 Chocolate Walnut <sup>E</sup>
6678 Marbled Cherry <sup>E</sup>
6694 Slate
6695 Midnight
6697 Fog
6698 Fieldstone
66WA Grey Kingswood
66WB Planked Walnut
66WD Resolute Walnut
66WE Natural Recon
66WF Smoked Walnut
6703 Ash Wenge
6704 Storm Wenge
6705 Bisque Wenge
6706 Clay Wenge
6707 Ash Noce
6708 Bisque Noce
6709 Clay Noce
6710 Storm Noce
6T02 Fawn Cypress
6T04 Saddle Oak
6T05 Veranda Teak
6T07 Walnut Heights
6T08 Aggregate
6T09 Gravel
6T10 Cement
6T12 Sheetrock

<sup>E</sup> = Established



**Metal****Steelcase Surfaces**

- 8043 Clear Anodized Aluminum  
 9201 Polished Chrome  
 9250 Ember Chrome (available for locks only)

**Plated Metal****Steelcase Surfaces**

- Applies to:  
 • 800 Series pulls  
 9201 Polished Chrome

**Glass****Steelcase Surfaces**

- 6500 Clear  
 6530 Frosted

- Applies to:  
 • Universal over the case or  
 Universal in the case bin  
 picture frame door glass  
 insert  
 6580 Ice White

**Acrylic****Steelcase Surfaces**

- Applies to:  
 • Universal over the case or  
 Universal in the case bin  
 picture frame door acrylic  
 insert  
 6538 Satin

**Accessory Paint****Steelcase Surfaces**

- 4140 Arctic White Gloss  
 4144 Black Gloss

**Vertical Surface Fabric**

- See page 347 for specific vertical surface availability.

Ⓔ = Established

**Steelcase Surfaces****Price Group 1****Abacus Ⓔ**

- P123 Portico  
 P124 Opus  
 P125 Cusp  
 P126 Artifact

**Alloy**

- P525 Polar  
 P526 Skim  
 P527 Bubbly  
 P528 Tern  
 P529 Shore  
 P530 Asti  
 P531 Silver  
 P532 Oxide  
 P533 Element  
 P534 Construct  
 P535 Currency  
 P536 Iron

**Boccie**

- P200 New Rice  
 P201 New Almond  
 P203 New Camel  
 P204 New Opal  
 P205 New Mist  
 P206 New Plum  
 P208 New Spearmint  
 P209 New Sky

**Buzz2**

- 5F03 Tomato  
 5F04 Red Ⓔ  
 5F05 Burgundy  
 5F06 Sky Ⓔ  
 5F07 Blue  
 5F08 Navy  
 5F15 Stone  
 5F16 Grey  
 5F17 Black  
 5G50 Dunegrass  
 5G51 Sable  
 5G55 Pumpkin  
 5G57 Rouge  
 5G59 Meadow  
 5G61 Cyan  
 5G62 Atlantic  
 5G63 Crocus  
 5G64 Alpine  
 5G65 Tornado

**Charm**

- P505 Shell  
 P506 Mimosa  
 P507 Birch  
 P508 Sparkle  
 P509 Ginkgo  
 P510 Debut  
 P511 Clover  
 P513 Twilight

**Lapel**

- P409 Cement  
 P410 Pebble  
 P411 Beech  
 P412 Dune  
 P414 Sprout  
 P416 Maple  
 P417 Slate

**Optic**

- P540 Hazel  
 P541 Twinkle  
 P542 Orion  
 P543 Seaglass  
 P545 Halo  
 P546 Whiskey  
 P547 Bath  
 P548 Whisper  
 P549 Breezy  
 P551 Glimmer

**Pianista**

- P420 Sand  
 P421 Mist  
 P422 Rain  
 P423 Natural  
 P424 Café  
 P425 Denim  
 P426 Carbon  
 P427 Stone  
 P428 Flax  
 P429 Oat  
 P430 Wheat  
 P431 Maize

**Rhythm**

- P555 Allegro  
 P556 Tempo  
 P557 Refrain  
 P558 Pitch  
 P559 Harmony Ⓔ  
 P560 Melody  
 P561 Stanza  
 P562 Opus

**Tinsel**

- P516 Lit  
 P517 Ego  
 P518 Fizz  
 P519 Muse  
 P520 Depth  
 P521 Bliss  
 P522 Grow  
 P523 Dolce

**Price Group 2****Bariolage**

- G200 New Etude  
 G201 New Andante Ⓔ  
 G202 New Cantata Ⓔ  
 G203 New Adagio  
 G204 New Melody  
 G205 New Ballata

**Bouquet Ⓔ**

- P165 Hosta  
 P166 Dundee  
 P169 Argenta  
 P170 Hoya  
 P173 Camomile

**Code**

- 5FA1 Fossil  
 5FA2 Gabbro  
 5FA3 Reed  
 5FA4 Bluff  
 5FA5 Sea Salt  
 5FA6 Cannon  
 5FA7 Tussah  
 5FA8 Mica  
 5FA9 Ecu  
 5FB1 Bamboo

**Flip: Orbit**

- 5F85 Mud Pie Ⓔ  
 5F86 Hummus Ⓔ  
 5F87 Petoskey  
 5F88 Pluto Ⓔ  
 5F89 Papyrus  
 5F91 Blizzard  
 5F92 Briquette

**Flip: TexHex**

- 5F75 Mud Pie Ⓔ  
 5F76 Hummus Ⓔ  
 5F77 Petoskey  
 5F78 Pluto Ⓔ  
 5F79 Papyrus  
 5F97 Blizzard  
 5F98 Briquette

**Fresco**

- G001 Sandrift  
 G002 Mistiblu  
 G003 Faon  
 G006 Chamoline  
 G007 Grapenut Ⓔ  
 G017 Flint Ⓔ

**Latch**

- P600 Seashell  
 P601 Clam  
 P602 Eggshell  
 P603 Zen  
 P604 Cool Gray  
 P605 Armor  
 P606 Sentinel  
 P607 Rye  
 P608 Billow  
 P609 Nimbus

**Milano Ⓔ**

- N002 Delft  
 N004 Sunshadow  
 N005 Olivine

**Stencil**

- P455 Midnight  
 P456 Mulberry  
 P457 Cracked Pepper  
 P458 Denim  
 P459 Chartreuse  
 P460 Bittersweet  
 P461 Mauvelous  
 P462 Bermuda  
 P463 Concrete  
 P464 Orchid  
 P465 Parchment  
 P466 Silk  
 P467 Sea Salt  
 P468 Honeydew  
 P469 Sepia

**Price Group 3****Billiard Multi-Use by Designtex**

- 5H11 Poppy  
 5H12 Tangelo  
 5H13 Citrine/Citron  
 5H14 Avocado  
 5H16 Indigo  
 5H17 Mallard  
 5H18 Teak  
 5H19 Cumulus  
 5H20 Pewter  
 5H21 Gunmetal  
 5H22 Ink  
 5H23 Rose Quartz  
 5H24 Sea Salt  
 5H25 Storm Cloud  
 5H26 Olivine

**Select Surfaces**

**For information on products within Select Surfaces**, including accent paints and fabrics from Designtex, Gabriel, Kvadrat, and Pollack, please refer to the *Surface Materials Reference Manual* or visit [steelcase.com/surface-materials](http://steelcase.com/surface-materials) under the Select Surfaces section.

**Custom Surfaces****Price Group COM (Customer's Own Material)****Fabric Approval and Yardage**

To confirm whether a particular COM material has already been tested for use on a specific Steelcase product or to determine actual yardage requirements:  
 • Visit [www.steelcase.com](http://www.steelcase.com)

**For additional information regarding Customer's Own Material**, call 1.888.STEELCASE (1.888.783.3522) or send an e-mail to [lineone@steelcase.com](mailto:lineone@steelcase.com).

### Seating

- ▶ See *Surface Materials Reference Manual* for a listing of available seating upholstery colors.
- Available on mobile pedestal cushion top only

### Steelcase Surfaces

#### Price Group 1

Buzz2

Era

Jacks **E**

Link

New Black

Playground **E**

*Tip: New Black upholstery has color numbers in both price group 1 and price group 2.*

#### Price Group 2

Chainmail

Cogent: Connect

Cogent: Trails

Foundation

New Black

Nitelights

Stand In

*Tip: New Black upholstery has color numbers in both price group 1 and price group 2.*

#### Price Group 3

Billiard Multi-Use by

DesignTex

Gaja – Cradle to Cradle

Certified™ Silver

Imperma

Redeem

Retrieve

Texel

#### Price Group 5

Bo Peep

Remix

#### Price Group 6

Brisa

#### Price Group 7

Steelcut Trio

### Leather

Steelcase Leather

### Elmosoft Leather

Elmosoft Leather

**E** = Established

### Select Surfaces

**For information on products within Select Surfaces**, including accent paints and fabrics from DesignTex, Gabriel, Kvadrat, and Pollack, please refer to the *Surface Materials Reference Manual* or visit [steelcase.com/surface-materials](http://steelcase.com/surface-materials) under the Select Surfaces section.

### Custom Surfaces

#### Price Group COM (Customer's Own Material)

#### Fabric Approval and Yardage

To confirm whether a particular COM material has already been tested for use on a specific Steelcase product or to determine actual yardage requirements:

- Visit [www.steelcase.com](http://www.steelcase.com)

#### For additional information regarding Customer's Own Material,

call 1.888.STEELCASE (1.888.783.3522) or send an e-mail to [lineone@steelcase.com](mailto:lineone@steelcase.com).





# Paint, Textured Paint, and Coating Color Availability Matrix

Paint, Textured Paint, and Coating Color Availability Matrix

## Legend

- = Not available
- = Available
- = Available with exceptions
- E = Established
- ▶ See specification pages for details.

## Panels

Transparent panel frame surface
Panel stacker frame
Panel door frame
Connector packages
Change-of-height panel connector
Corner wire cover
Top cap
End trim
Base cover
Panel coat hooks
Panel stabilizer foot
Power/cable poles
Fillers

## Worksurfaces

Cantilevers
Clear access end panels
End panels
Back panels
Post legs and columns
Brackets
Metal center drawer
Adjustable-height legs

## Storage

Pedestals
Storage bins, shelves, and hutch kits
800 Series products

## Lighting

Shelf lights
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## Accessory Products

Metal center drawer
Wall channels
Horizontal brace

Paint Price Group 1 (Smooth)	4242 Milk	Paint Price Group 1 (Textured)	7207 Black	7225 Sand	7236 Fog E	7237 Slate E	7238 Fieldstone	7239 Midnight	7241 Arctic White	7243 Seagull	7250 Sterling Dark Solid	7278 Dark Bronze	Paint Price Group 2 (Metallic)	4728 Nickel Metallic	4743 Mineral Metallic	4744 Pearl Metallic	4750 Champagne Metallic	4752 Steel Metallic E	4788 Gold Dust Metallic E	4798 Sterling Metallic	4799 Platinum Metallic	4803 Near Black Metallic	7245 Carbon Metallic	7246 Midnight Metallic
Panels	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Transparent panel frame surface	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Panel stacker frame	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Panel door frame	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Connector packages	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Change-of-height panel connector	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Corner wire cover	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Top cap	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
End trim	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Base cover	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Panel coat hooks	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Panel stabilizer foot	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Power/cable poles	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Fillers	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Worksurfaces	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Cantilevers	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Clear access end panels	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
End panels	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Back panels	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Post legs and columns	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Brackets	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Metal center drawer	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Adjustable-height legs	•	■	■	•	•	•	■	•	•	■	■	■	•	•	•	■	•	•	■	□	•	•	•	•
Storage	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Pedestals	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Storage bins, shelves, and hutch kits	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
800 Series products	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Lighting	•	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Accessory Products	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Metal center drawer	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Wall channels	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Horizontal brace	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■

[illegible]

# Laminate Color Availability Matrix

	Universal Worksurfaces	Avenir Worksurfaces	Mobile Pedestal Tops	Universal Storage Bin Fronts
<b>High-Pressure Laminates</b>				
<b>Fiber</b>				
<b>2850</b> Vanadium Fiber	■	■	■	■
<b>2852</b> Tungsten Fiber	■	■	■	■
<b>2854</b> Vellum Fiber <b>E</b>	■	■	■	■
<b>2860</b> Granite Fiber	■	■	■	■
<b>2862</b> Stucco Fiber <b>E</b>	■	■	■	■
<b>Micro</b>				
<b>2920</b> Marl Micro	■	■	■	■
<b>2921</b> Gypsum Micro	■	■	■	■
<b>2922</b> Clay Micro	■	■	■	■
<b>Patina</b>				
<b>2870</b> Blonde Bronze Patina	■	■	■	■
<b>2873</b> Instant Iron Patina	■	■	■	■
<b>Solid</b>				
<b>24H1</b> Satin White	■	■	■	•
<b>24H2</b> Satin Black	■	■	■	•
<b>24H3</b> Satin Stone	■	■	■	•
<b>24H4</b> Satin Mocha	■	■	■	•
<b>2722</b> Cream <b>E</b>	■	■	■	■
<b>2730</b> Arctic White	■	■	■	■
<b>2746</b> Black	■	■	■	■
<b>2811</b> Mist <b>E</b>	■	■	■	■
<b>2883</b> Seagull	■	■	■	■
<b>2884</b> Milk	■	■	■	■
<b>2885</b> Dune	■	■	■	■
<b>2HAA</b> Persian Salt	■	■	■	■
<b>2HAB</b> Rose	■	■	■	■
<b>2HAC</b> Indigo	■	■	■	■
<b>2HAD</b> Green Citrine	■	■	■	■
<b>2HAE</b> Dark Olivine	■	■	■	■
<b>2HAF</b> Cloudy	■	■	■	■
<b>2HMG</b> Merle	■	■	■	■
<b>Speckle</b>				
<b>2820</b> Coffee Speckle <b>E</b>	■	■	■	■
<b>2823</b> Driftwood Speckle	■	■	■	■
<b>2824</b> Smoke Speckle	■	■	■	■
<b>2825</b> Vanadium Speckle	■	■	■	■

	Universal Worksurfaces	Avenir Worksurfaces	Mobile Pedestal Tops	Universal Storage Bin Fronts
<b>Woodgrain</b>				
<b>2406</b> Clear Cherry <b>E</b>	■	■	■	■
<b>2409</b> Clear Maple	■	■	■	■
<b>2410</b> Graphite Walnut	■	■	■	■
<b>2412</b> Natural Cherry	■	■	■	■
<b>2422</b> Medium Cherry	■	■	■	■
<b>2511</b> Winter on Maple	■	■	■	■
<b>2535</b> Virginia Walnut	■	•	•	■
<b>2536</b> Blackwood <b>E</b>	■	•	•	■
<b>2538</b> Clear Walnut	■	■	■	■
<b>2592</b> Blonde on Maple <b>E</b>	■	■	■	■
<b>2714</b> Natural Walnut <b>E</b>	■	■	■	■
<b>2612</b> Marbled Maple <b>E</b>	■	•	•	■
<b>2614</b> Chocolate Walnut <b>E</b>	■	•	•	■
<b>2615</b> Marbled Cherry <b>E</b>	■	•	•	■
<b>2HAK</b> Clear Oak	■	■	■	■
<b>2HAN</b> Ash Noce	■	■	■	■
<b>2HAT</b> Acacia	■	■	■	■
<b>2HAW</b> Ash Wenge	■	■	■	■
<b>2HBN</b> Bisque Noce	■	■	■	■
<b>2HBW</b> Bisque Wenge	■	■	■	■
<b>2HCN</b> Clay Noce	■	■	■	■
<b>2HCW</b> Clay Wenge	■	■	■	■
<b>2HSN</b> Storm Noce	■	■	■	■
<b>2HSW</b> Storm Wenge	■	■	■	■
<b>2HWA</b> Grey Kingswood	■	■	■	■
<b>2HWB</b> Planked Walnut	■	■	■	■
<b>2HWD</b> Resolute Walnut	■	■	■	■
<b>2HWE</b> Natural Recon	■	■	■	■
<b>2HWF</b> Smoked Walnut	■	■	■	■
<b>Textured Laminate</b>				
<b>2TH2</b> Fawn Cypress	■	■	■	■
<b>2TH4</b> Saddle Oak	■	■	■	■
<b>2TH5</b> Veranda Teak	■	■	■	■
<b>2TH7</b> Walnut Heights	■	■	■	■
<b>2UH1</b> Reclaimed Aggregate	■	■	■	■
<b>2UH2</b> Reclaimed Gravel	■	■	■	■
<b>2UH4</b> Cement	■	■	■	■
<b>2UH6</b> Sheetrock	■	■	■	■

## Legend

• = Not available

■ = Available

**E** = Established

► See specification pages for details.

# Wood Color Availability Matrix

Wood Color Availability  
Matrix

	Panel top caps (low or medium only)	Worksurfaces (except curvilinear worksurfaces)	Mobile pedestal tops
<b>Quarter Cut</b>			
<b>Maple</b>			
<b>3222</b> QC/OP Clear Maple*	■	■	■
<b>3224</b> QC/FF Clear Maple*	■	■	•
<b>3292</b> QC/OP Blonde on Maple <b>E</b>	■	■	■
<b>3294</b> QC/FF Blonde on Maple <b>E</b>	■	■	•
<b>Walnut</b>			
<b>3302</b> QC/OP Clear Walnut	■	■	■
<b>3304</b> QC/FF Clear Walnut	■	■	•
<b>3312</b> QC/OP Natural Walnut	■	■	■
<b>3314</b> QC/FF Natural Walnut	■	■	•
<b>3352</b> QC/OP Medium Walnut <b>E</b>	■	■	■
<b>3354</b> QC/FF Medium Walnut <b>E</b>	■	■	•
<b>3362</b> QC/OP Dark Walnut	■	■	■
<b>3364</b> QC/FF Dark Walnut	■	■	•
<b>3372</b> QC/OP Medium Mahogany on Walnut	■	■	■
<b>3374</b> QC/FF Medium Mahogany on Walnut	■	■	•
<b>3382</b> QC/OP Graphite Walnut	■	■	■
<b>3384</b> QC/FF Graphite Walnut	■	■	•

\*Due to the nature of clear coat on the maple species, a sign-off will be required prior to orders being accepted for this finish. The sign-off sheet is available through Steelcase advertising stock. Form number 05-0001370

## Legend

- = Not available
- = Available
- E** = Established
- See specification pages for details.

	Panel top caps (low or medium only)	Worksurfaces (except curvilinear worksurfaces)	Mobile pedestal tops
<b>Flat Cut</b>			
<b>Cherry</b>			
<b>3402</b> FC/OP Clear Cherry (Aged)	■	■	■
<b>3404</b> FC/FF Clear Cherry (Aged)	■	■	•
<b>3412</b> FC/OP Natural Cherry <b>E</b>	■	■	■
<b>3414</b> FC/FF Natural Cherry <b>E</b>	■	■	•
<b>3422</b> FC/OP Medium Cherry	■	■	■
<b>3424</b> FC/FF Medium Cherry	■	■	•
<b>Maple</b>			
<b>3522</b> FC/OP Clear Maple*	■	■	■
<b>3524</b> FC/FF Clear Maple*	■	■	•
<b>3544</b> FC/FF Blonde on Maple <b>E</b>	■	■	•
<b>3592</b> FC/OP Blonde on Maple <b>E</b>	■	■	■
<b>Walnut</b>			
<b>3062</b> FC/OP Graphite Walnut	■	■	■
<b>3064</b> FC/FF Graphite Walnut	■	■	•
<b>3702</b> FC/OP Clear Walnut	■	■	■
<b>3704</b> FC/FF Clear Walnut	■	■	•
<b>3712</b> FC/OP Natural Walnut	■	■	■
<b>3714</b> FC/FF Natural Walnut	■	■	•
<b>3752</b> FC/OP Medium Walnut <b>E</b>	■	■	■
<b>3754</b> FC/FF Medium Walnut <b>E</b>	■	■	•
<b>3762</b> FC/OP Dark Walnut	■	■	■
<b>3764</b> FC/FF Dark Walnut	■	■	•
<b>3772</b> FC/OP Medium Mahogany on Walnut	■	■	■
<b>3774</b> FC/FF Medium Mahogany on Walnut	■	■	•
<b>Rift Cut</b>			
<b>3602</b> RC/OP Desert Oak	■	■	■
<b>3604</b> RC/FF Desert Oak	■	■	•

# Plastic Color Availability Matrix

## Avenir Plastic Color Availability Matrix

Not every plastic component is available in every plastic color. This matrix gives you an overview of which plastic colors can be specified for each Avenir plastic component.

► See page 351 for Avenir Universal worksurface edge profile color availability.

	6000 Black	6001 Coffee	6009 Arctic White	6052 Milk	6053 Seagull	6249 Platinum Solid	6527 Merle	6607 Woodrose E	6608 Driftwood E	6609 Smoke E	6612 Grey V2 E	6615 Grey V5	6617 Warm Brown V2	6631 Cream	6635 Dawn E	6636 Mist	6654 Sand	6655 Warm White	6681 Grotto	6694 Slate	6695 Midnight	6697 Fog
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### Panels

Panel base cable grommet	■	■	■	•	•	■	•	■	■	■	■	■	■	•	•	•	•	■	•	•	•	■
Receptacles	■	•	■	•	•	■	•	■	■	■	•	•	•	•	•	•	■	■	•	•	•	•

### Avenir Worksurfaces

Worksurface grommet	■	■	■	■	■	■	•	•	•	•	■	•	•	•	•	•	■	■	•	•	■	■
Panel-supported radius-end table edge: 1½"T	■	■	■	■	■	■	■	•	•	•	■	■	■	■	■	■	■	■	•	•	■	■
Transaction worksurface edge	■	■	■	■	■	■	■	•	•	•	■	■	■	■	■	■	■	■	•	•	■	■
Curvilinear worksurface edge	■	■	■	■	■	■	■	•	•	•	■	■	■	■	■	■	■	■	•	•	■	■
Worksurface fillers: 1½"T	■	■	■	■	■	■	■	•	•	•	■	■	■	■	■	■	■	■	•	•	■	■

### Lighting

Vertical wire manager	■	■	■	•	■	■	•	•	•	•	•	•	•	•	•	•	■	■	•	•	•	•
-----------------------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

**Products that are missing from the matrix are not available with these surface materials.**

### Legend

- = Not available
- = Available
- E = Established
- See specification pages for details.

# Vertical Surface Fabric Color Availability Matrix

Vertical Surface Fabric  
Color Availability Matrix

	Panels	Panel	Panel Stackers	Filler packages	Tackboards
<b>Fabric Price Group 1</b>					
Abacus <b>E</b>	■	■	■	■	■
Alloy	■	■	■	■	■
Billiard Multi-Use by Designtex	□	■	□	■	■
Boccie	■	■	■	■	■
Buzz2	□	■	□	■	■
Charm	■	■	■	■	■
Lapel	■	■	■	■	■
Optic	■	■	■	■	■
Pianista	□	■	□	■	■
Rhythm	■	■	■	■	■
Tinsel	■	■	■	■	■
<b>Fabric Price Group 2</b>					
Bariolage	■	■	■	■	■
Bouquet <b>E</b>	■	■	■	■	■
Code	■	■	■	■	■
Flip: Orbit	□	■	□	■	■
Flip: TexHex	□	■	□	■	■
Fresco	■	■	■	■	■
Latch	■	■	■	■	■
Milano <b>E</b>	■	■	■	■	■
Stencil	□	■	□	■	■
<b>Fabric Price Group COM</b>					
COM	■	■	■	■	■

## Legend

- = Not available
- = Available
- = Available with exceptions
- E** = Established
- See specification guide for details.

# Color Coordination Matrices

## Avenir Worksurfaces (Excluding Curvilinear and Universal)

**Plastic edge trim color** for all Avenir worksurfaces is determined by the work-surface color you select. The edge color is a default and cannot be specified.

**All laminates, except woodgrain laminates,** will have solid color plastic edging.

**Woodgrain laminates** will have woodgrain plastic edges and the grain of the edges will be horizontal. The woodgrain edge color will match the laminate color.

► For information regarding location of plastic edge on applicable Avenir worksur-faces, see "Standard Includes" information.

Laminate Color	Default Plastic Edge Color
<b>Fiber</b>	
<b>2850</b> Vanadium Fiber	<b>6654</b> Sand
<b>2852</b> Tungsten Fiber	<b>6636</b> Mist
<b>2854</b> Vellum Fiber <b>E</b>	<b>6655</b> Warm White
<b>2860</b> Granite Fiber	<b>6000</b> Black
<b>2862</b> Stucco Fiber <b>E</b>	<b>6053</b> Seagull
<b>Micro</b>	
<b>2920</b> Marl Micro	<b>6053</b> Seagull
<b>2921</b> Gypsum Micro	<b>6654</b> Sand
<b>2922</b> Clay Micro	<b>6654</b> Sand
<b>Patina</b>	
<b>2870</b> Blonde Bronze Patina	<b>6654</b> Sand
<b>2873</b> Instant Iron Patina	<b>6615</b> Grey V5
<b>Solid</b>	
<b>24H1</b> Satin White	<b>6009</b> Arctic White
<b>24H2</b> Satin Black	<b>6000</b> Black
<b>24H3</b> Satin Stone	<b>6169</b> Stone
<b>24H4</b> Satin Mocha	<b>6170</b> Mocha
<b>2722</b> Cream <b>E</b>	<b>6631</b> Cream
<b>2730</b> Arctic White	<b>6697</b> Fog
<b>2746</b> Black	<b>6000</b> Black
<b>2811</b> Mist <b>E</b>	<b>6636</b> Mist
<b>2883</b> Seagull	<b>6053</b> Seagull
<b>2884</b> Milk	<b>6052</b> Milk
<b>2885</b> Dune	<b>6654</b> Sand
<b>2HAA</b> Persian Salt	<b>61AA</b> Persian Salt
<b>2HAB</b> Rose	<b>61AB</b> Rose
<b>2HAC</b> Indigo	<b>61AC</b> Indigo
<b>2HAD</b> Green Citrine	<b>61AD</b> Green Citrine
<b>2HAE</b> Dark Olivine	<b>61AE</b> Dark Olivine
<b>2HAF</b> Cloudy	<b>61AF</b> Cloudy
<b>2HMG</b> Merle	<b>6527</b> Merle
<b>Speckle</b>	
<b>2820</b> Coffee Speckle <b>E</b>	<b>6631</b> Cream
<b>2823</b> Driftwood Speckle	<b>6631</b> Cream
<b>2824</b> Smoke Speckle	<b>6636</b> Mist
<b>2825</b> Vanadium Speckle	<b>6619</b> Ice <b>E</b>
<b>Textured</b>	
<b>2TH2</b> Fawn Cypress	<b>6T02</b> Fawn Cypress
<b>2TH4</b> Saddle Oak	<b>6T04</b> Saddle Oak
<b>2TH5</b> Veranda Teak	<b>6T05</b> Veranda Teak
<b>2TH7</b> Walnut Heights	<b>6T07</b> Walnut Heights
<b>2UH1</b> Reclaimed Aggregate	<b>6T08</b> Aggregate
<b>2UH2</b> Reclaimed Gravel	<b>6T09</b> Gravel
<b>2UH4</b> Cement	<b>6T10</b> Cement
<b>2UH6</b> Sheetrock	<b>6T12</b> Sheetrock

Laminate Color	Default Plastic Edge Color
<b>Woodgrain</b>	
<b>2406</b> Clear Cherry <b>E</b>	<b>6234</b> Clear Cherry <b>E</b>
<b>2409</b> Clear Maple	<b>6237</b> Clear Maple
<b>2410</b> Graphite Walnut	<b>6231</b> Graphite Walnut
<b>2412</b> Natural Cherry	<b>6034</b> Natural Cherry
<b>2422</b> Medium Cherry	<b>6036</b> Medium Cherry
<b>2511</b> Winter on Maple	<b>6037</b> Winter on Maple
<b>2538</b> Clear Walnut	<b>6245</b> Clear Walnut
<b>2592</b> Blonde on Maple <b>E</b>	<b>6038</b> Blonde on Maple <b>E</b>
<b>2714</b> Natural Walnut <b>E</b>	<b>6041</b> Natural Walnut <b>E</b>
<b>2HAK</b> Clear Oak	<b>6219</b> Clear Oak
<b>2HAN</b> Ash Noce	<b>6707</b> Ash Noce
<b>2HAT</b> Acacia	<b>6213</b> Acacia
<b>2HAW</b> Ash Wenge	<b>6703</b> Ash Wenge
<b>2HBN</b> Bisque Noce	<b>6708</b> Bisque Noce
<b>2HBW</b> Bisque Wenge	<b>6705</b> Bisque Wenge
<b>2HCN</b> Clay Noce	<b>6709</b> Clay Noce
<b>2HCW</b> Clay Wenge	<b>6706</b> Clay Wenge
<b>2HSN</b> Storm Noce	<b>6710</b> Storm Noce
<b>2HSW</b> Storm Wenge	<b>6704</b> Storm Wenge

**E** = Established



**Avenir Curvilinear Worksurfaces**

**Plastic square edge trim color** for all Avenir worksurfaces is determined by the worksurface color you select. The square edge color is a default and cannot be specified. Some worksurfaces have plastic T-mold edges that you can specify to coordinate or contrast with the laminate color that you select for the worksurface. The column at the far right lists recommended colors for use with each laminate color.

**All laminates, except woodgrain laminates,** will have solid color plastic edging.

**Woodgrain laminates** will have woodgrain plastic edges and the grain of the edges will be horizontal. The woodgrain edge color will match the laminate color.

Laminate Color		Default Plastic Square Edge Color		Suggested Color of Plastic T-Mold Edge	
Fiber					
2850	Vanadium Fiber	6654	Sand	6654	Sand
2852	Tungsten Fiber	6636	Mist	6636	Mist
2854	Vellum Fiber ⓘ	6655	Warm White	6655	Warm White
2860	Granite Fiber	6000	Black	6000	Black
2862	Stucco Fiber ⓘ	6053	Seagull	6053	Seagull
Micro					
2920	Marl Micro	6053	Seagull	6053	Seagull
2921	Gypsum Micro	6654	Sand	6654	Sand
2922	Clay Micro	6654	Sand	6654	Sand
Patina					
2870	Blonde Bronze Patina	6654	Sand	6654	Sand
2873	Instant Iron Patina	6615	Grey V5	6615	Grey V5
Solid					
24H1	Satin White	6009	Arctic White	6009	Arctic White
24H2	Satin Black	6000	Black	6000	Black
24H3	Satin Stone	6169	Stone	6527	Merle
24H4	Satin Mocha	6170	Mocha	6527	Merle
2722	Cream ⓘ	6631	Cream	6631	Cream
2730	Arctic White	6697	Fog	6697	Fog
2746	Black	6000	Black	6000	Black
2811	Mist ⓘ	6636	Mist	6636	Mist
2883	Seagull	6053	Seagull	6053	Seagull
2884	Milk	6052	Milk	6052	Milk
2885	Dune	6654	Sand	6654	Sand
2HAA	Persian Salt	61AA	Persian Salt	6249	Platinum Solid
2HAB	Rose	61AB	Rose	6053	Seagull
2HAC	Indigo	61AC	Indigo	6527	Merle
2HAD	Green Citrine	61AD	Green Citrine	6527	Merle
2HAE	Dark Olivine	61AE	Dark Olivine	6249	Platinum Solid
2HAF	Cloudy	61AF	Cloudy	6249	Platinum Solid
2HMG	Merle	6527	Merle	6615	Grey V5
Speckle					
2820	Coffee Speckle ⓘ	6631	Cream	6001	Coffee
2823	Driftwood Speckle	6631	Cream	6631	Cream
2824	Smoke Speckle	6636	Mist	6636	Mist
2825	Vanadium Speckle	6619	Ice ⓘ	6631	Cream
Textured					
2TH2	Fawn Cypress	6T02	Fawn Cypress	6654	Sand
2TH4	Saddle Oak	6T04	Saddle Oak	6001	Coffee
2TH5	Veranda Teak	6T05	Veranda Teak	6612	Grey V2 ⓘ
2TH7	Walnut Heights	6T07	Walnut Heights	6001	Coffee
2UH1	Reclaimed Aggregate	6T08	Aggregate	6612	Grey V2 ⓘ
2UH2	Reclaimed Gravel	6T09	Gravel	6615	Grey V5
2UH4	Cement	6T10	Cement	6636	Mist
2UH6	Sheetrock	6T12	Sheetrock	6654	Sand

► **Continued on next page**

**E** = Established

**Avenir Curvilinear Worksurfaces, continued**

<b>Laminate Color Edge</b>	<b>Default Plastic Square Edge Color</b>	<b>Suggested Color of Plastic T-Mold</b>
<b>Woodgrain</b>		
<b>2406</b> Clear Cherry <b>E</b>	<b>6234</b> Clear Cherry <b>E</b>	<b>6001</b> Coffee
<b>2409</b> Clear Maple	<b>6237</b> Clear Maple	<b>6655</b> Warm White
<b>2410</b> Graphite Walnut	<b>6231</b> Graphite Walnut	<b>6000</b> Black
<b>2412</b> Natural Cherry	<b>6034</b> Natural Cherry	<b>6001</b> Coffee
<b>2422</b> Medium Cherry	<b>6036</b> Medium Cherry	<b>6001</b> Coffee
<b>2511</b> Winter on Maple	<b>6037</b> Winter on Maple	<b>6655</b> Warm White
<b>2538</b> Clear Walnut	<b>6245</b> Clear Walnut	<b>6000</b> Black
<b>2592</b> Blonde on Maple <b>E</b>	<b>6038</b> Blonde on Maple <b>E</b>	<b>6655</b> Warm White
<b>2714</b> Natural Walnut <b>E</b>	<b>6041</b> Natural Walnut <b>E</b>	<b>6001</b> Coffee
<b>2HAN</b> Ash Noce	<b>6707</b> Ash Noce	<b>6654</b> Sand
<b>2HAW</b> Ash Wenge	<b>6703</b> Ash Wenge	<b>6654</b> Sand
<b>2HBN</b> Bisque Noce	<b>6708</b> Bisque Noce	<b>6631</b> Cream
<b>2HBW</b> Bisque Wenge	<b>6705</b> Bisque Wenge	<b>6631</b> Cream
<b>2HCN</b> Clay Noce	<b>6709</b> Clay Noce	<b>6612</b> Grey V2 <b>E</b>
<b>2HCW</b> Clay Wenge	<b>6706</b> Clay Wenge	<b>6612</b> Grey V2 <b>E</b>
<b>2HSN</b> Storm Noce	<b>6710</b> Storm Noce	<b>6615</b> Grey V5
<b>2HSW</b> Storm Wenge	<b>6704</b> Storm Wenge	<b>6615</b> Grey V5
<b>2HWA</b> Grey Kingswood	<b>66WA</b> Grey Kingswood	<b>6654</b> Sand
<b>2HWB</b> Planked Walnut	<b>66WB</b> Planked Walnut	<b>6655</b> Warm White Solid
<b>2HWD</b> Resolute Walnut	<b>66WD</b> Resolute Walnut	<b>6698</b> Fieldstone
<b>2HWE</b> Natural Recon	<b>66WE</b> Natural Recon	<b>6654</b> Sand
<b>2HWF</b> Smoked Walnut	<b>66WF</b> Smoked Walnut	<b>6249</b> Platinum Solid

**E** = Established

**Recommended Edge Colors for Avenir Universal Worksurfaces—Laminate****Edges**

The recommended edge color will complement the laminate color you specify.  
Edge color is specified separately.

Laminate Color		Recommended 3 mm Edge Color		Recommended P-Edge Color	
Fiber					
2850	Vanadium Fiber	6654	Sand	6697	Fog
2852	Tungsten Fiber	6636	Mist	6654	Sand
2854	Vellum Fiber <b>E</b>	6655	Warm White	6697	Fog
2860	Granite Fiber	6000	Black	6000	Black
2862	Stucco Fiber <b>E</b>	6053	Seagull	6053	Seagull
Micro					
2920	Marl Micro	6053	Seagull	6053	Seagull
2921	Gypsum Micro	6654	Sand	6654	Sand
2922	Clay Micro	6654	Sand	6654	Sand
Patina					
2870	Blonde Bronze Patina	6654	Sand	6654	Sand
2873	Instant Iron Patina	6615	Grey V5	6000	Black
Solid					
24H1	Satin White	6009	Arctic White	6009	Arctic White
24H2	Satin Black	6000	Black	6000	Black
24H3	Satin Stone	6169	Stone	6527	Merle
24H4	Satin Mocha	6170	Mocha	6527	Merle
2722	Cream <b>E</b>	6631	Cream	6631	Cream
2730	Arctic White	6009	Arctic White	6009	Arctic White
2746	Black	6000	Black	6000	Black
2811	Mist <b>E</b>	6636	Mist	6636	Mist
2883	Seagull	6053	Seagull	6053	Seagull
2884	Milk	6052	Milk	6052	Milk
2885	Dune	6654	Sand	6654	Sand
2HAA	Persian Salt	61AA	Persian Salt	6249	Platinum Solid
2HAB	Rose	61AB	Rose	6053	Seagull
2HAC	Indigo	61AC	Indigo	6527	Merle
2HAD	Green Citrine	61AD	Green Citrine	6527	Merle
2HAE	Dark Olivine	61AE	Dark Olivine	6249	Platinum Solid
2HAF	Cloudy	61AF	Cloudy	6249	Platinum Solid
2HMG	Merle	6527	Merle	6527	Merle
Speckle					
2820	Coffee Speckle <b>E</b>	6631	Cream	6001	Coffee
2823	Driftwood Speckle	6631	Cream	6631	Cream
2824	Smoke Speckle	6636	Mist	6636	Mist
2825	Vanadium Speckle	6619	Ice <b>E</b>	6631	Cream
Textured					
2TH2	Fawn Cypress	6T02	Fawn Cypress	6654	Sand
2TH4	Saddle Oak	6T04	Saddle Oak	—	—
2TH5	Veranda Teak	6T05	Veranda Teak	6612	Grey V2 <b>E</b>
2TH7	Walnut Heights	6T07	Walnut Heights	—	—
2UH1	Reclaimed Aggregate	6T08	Aggregate	6612	Grey V2 <b>E</b>
2UH2	Reclaimed Gravel	6T09	Gravel	6615	Grey V5
2UH4	Cement	6T10	Cement	6636	Mist
2UH6	Sheetrock	6T12	Sheetrock	6654	Sand

**E** = Established

**Recommended Edge Colors for Avenir Universal Worksurfaces—Laminate, continued**

**Edges**

The recommended edge color will complement the laminate color you specify.  
Edge color is specified separately.

Laminate Color		Recommended 3 mm Edge Color		Recommended P-Edge Color	
Woodgrain					
2406	Clear Cherry 	6234	Clear Cherry 	6000	Black
2409	Clear Maple	6237	Clear Maple	6654	Sand
2410	Graphite Walnut	6231	Graphite Walnut	6000	Black
2412	Natural Cherry	6034	Natural Cherry	6000	Black
2422	Medium Cherry	6036	Medium Cherry	6000	Black
2511	Winter on Maple	6037	Winter on Maple	6654	Sand
2535	Virginia Walnut	6242	Virginia Walnut	6000	Black
2536	Blackwood 	6243	Blackwood 	6000	Black
2538	Clear Walnut	6245	Clear Walnut	6000	Black
2592	Blonde on Maple 	6038	Blonde on Maple 	6654	Sand
2612	Marbled Maple 	6676	Marbled Maple 	6000	Black
2614	Chocolate Walnut 	6677	Chocolate Walnut 	6000	Black
2615	Marbled Cherry 	6678	Marbled Cherry 	6000	Black
2714	Natural Walnut 	6041	Natural Walnut 	6000	Black
2HAK	Clear Oak	6219	Clear Oak	6654	Sand
2HAN	Ash Noce	6707	Ash Noce	6654	Sand
2HAT	Acacia	6213	Acacia	6559	Warm White Solid
2HAW	Ash Wenge	6703	Ash Wenge	6654	Sand
2HBN	Bisque Noce	6708	Bisque Noce	6631	Cream
2HBW	Bisque Wenge	6705	Bisque Wenge	6631	Cream
2HCN	Clay Noce	6709	Clay Noce	6612	Grey V2 
2HCW	Clay Wenge	6706	Clay Wenge	6612	Grey V2 
2HSN	Storm Noce	6710	Storm Noce	6615	Grey V5
2HSW	Storm Wenge	6704	Storm Wenge	6615	Grey V5
2HWA	Grey Kingswood	66WA	Grey Kingswood	6654	Sand
2HWB	Planked Walnut	66WB	Planked Walnut	6655	Warm White Solid
2HWD	Resolute Walnut	66WD	Resolute Walnut	6698	Fieldstone
2HWE	Natural Recon	66WE	Natural Recon	6654	Sand
2HWF	Smoked Walnut	66WF	Smoked Walnut	6249	Platinum Solid

**E** = Established

# Trim Color Defaults

## for Mobile Pedestal Laminate Tops

Trim Color Defaults

**Plastic square edge trim color** of tops that are added to files is determined by the laminate color you select for the top. The edge color is a default and cannot be specified.

**All laminates**, except woodgrain laminates, will have solid color plastic edging.

**Woodgrain laminates** will have woodgrain plastic edges and the grain of the edges will be horizontal.

**Plastic square edge** trim is applied to all four sides of laminate tops.

**Plastic edge** trim is applied only to the sides (left and right) and back of bullnose laminate tops.

Laminate Color	Default Plastic Color
<b>Fiber</b>	
<b>2850</b> Vanadium Fiber	<b>6654</b> Sand
<b>2852</b> Tungsten Fiber	<b>6636</b> Mist
<b>2854</b> Vellum Fiber <b>E</b>	<b>6655</b> Warm White
<b>2860</b> Granite Fiber	<b>6000</b> Black
<b>2862</b> Stucco Fiber <b>E</b>	<b>6053</b> Seagull
<b>Micro</b>	
<b>2920</b> Marl Micro	<b>6053</b> Seagull
<b>2921</b> Gypsum Micro	<b>6654</b> Sand
<b>2922</b> Clay Micro	<b>6654</b> Sand
<b>Patina</b>	
<b>2870</b> Blonde Bronze Patina	<b>6654</b> Sand
<b>2873</b> Instant Iron Patina	<b>6615</b> Grey V5
<b>Solid</b>	
<b>24H1</b> Satin White	<b>6009</b> Arctic White
<b>24H2</b> Satin Black	<b>6000</b> Black
<b>24H3</b> Satin Stone	<b>6169</b> Stone
<b>24H4</b> Satin Mocha	<b>6170</b> Mocha
<b>2722</b> Cream <b>E</b>	<b>6631</b> Cream
<b>2730</b> Arctic White	<b>6697</b> Fog
<b>2746</b> Black	<b>6000</b> Black
<b>2811</b> Mist <b>E</b>	<b>6636</b> Mist
<b>2883</b> Seagull	<b>6053</b> Seagull
<b>2884</b> Milk	<b>6052</b> Milk
<b>2885</b> Dune	<b>6654</b> Sand
<b>2HAA</b> Persian Salt	<b>61AA</b> Persian Salt
<b>2HAB</b> Rose	<b>61AB</b> Rose
<b>2HAC</b> Indigo	<b>61AC</b> Indigo
<b>2HAD</b> Green Citrine	<b>61AD</b> Green Citrine
<b>2HAE</b> Dark Olivine	<b>61AE</b> Dark Olivine
<b>2HAF</b> Cloudy	<b>61AF</b> Cloudy
<b>2HMG</b> Merle	<b>6527</b> Merle
<b>Speckle</b>	
<b>2820</b> Coffee Speckle <b>E</b>	<b>6631</b> Cream
<b>2823</b> Driftwood Speckle	<b>6631</b> Cream
<b>2824</b> Smoke Speckle	<b>6636</b> Mist
<b>2825</b> Vanadium Speckle	<b>6619</b> Ice <b>E</b>

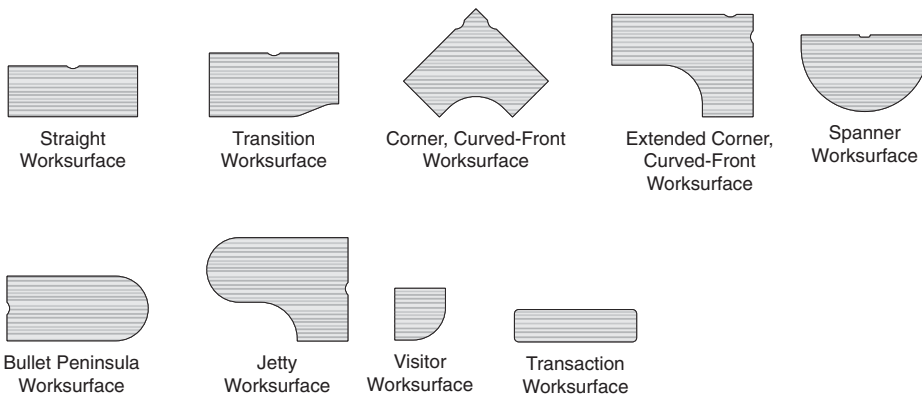
Laminate Color	Default Plastic Color
<b>Textured</b>	
<b>2TH2</b> Fawn Cypress	<b>6T02</b> Fawn Cypress
<b>2TH4</b> Saddle Oak	<b>6T04</b> Saddle Oak
<b>2TH5</b> Veranda Teak	<b>6T05</b> Veranda Teak
<b>2TH7</b> Walnut Heights	<b>6T07</b> Walnut Heights
<b>2UH1</b> Reclaimed Aggregate	<b>6T08</b> Aggregate
<b>2UH2</b> Reclaimed Gravel	<b>6T09</b> Gravel
<b>2UH4</b> Cement	<b>6T10</b> Cement
<b>2UH6</b> Sheetrock	<b>6T12</b> Sheetrock
<b>Woodgrain</b>	
<b>2406</b> Clear Cherry <b>E</b>	<b>6234</b> Clear Cherry <b>E</b>
<b>2409</b> Clear Maple	<b>6237</b> Clear Maple
<b>2410</b> Graphite Walnut	<b>6231</b> Graphite Walnut
<b>2412</b> Natural Cherry	<b>6034</b> Natural Cherry
<b>2422</b> Medium Cherry	<b>6036</b> Medium Cherry
<b>2511</b> Winter on Maple	<b>6037</b> Winter on Maple
<b>2538</b> Clear Walnut	<b>6245</b> Clear Walnut
<b>2592</b> Blonde on Maple <b>E</b>	<b>6038</b> Blonde on Maple <b>E</b>
<b>2714</b> Natural Walnut <b>E</b>	<b>6041</b> Natural Walnut <b>E</b>
<b>2HAK</b> Clear Oak	<b>6219</b> Clear Oak
<b>2HAT</b> Acacia	<b>6213</b> Acacia
<b>2HAW</b> Ash Wenge	<b>6703</b> Ash Wenge
<b>2HBW</b> Bisque Wenge	<b>6705</b> Bisque Wenge
<b>2HCW</b> Clay Wenge	<b>6706</b> Clay Wenge
<b>2HSW</b> Storm Wenge	<b>6704</b> Storm Wenge
<b>2HWA</b> Grey Kingswood	<b>66WA</b> Grey Kingswood
<b>2HWB</b> Planked Walnut	<b>66WB</b> Planked Walnut
<b>2HWD</b> Resolute Walnut	<b>66WD</b> Resolute Walnut
<b>2HWE</b> Natural Recon	<b>66WE</b> Natural Recon
<b>2HWF</b> Smoked Walnut	<b>66WF</b> Smoked Walnut

**E** = Established

# Directional Laminate Grain Directions

**Directional laminates** are standard with the grain directions shown.

## Avenir Universal Systems Worksurfaces—High-Pressure Laminate





# Specification Guidelines for Vertical Fabric Applications

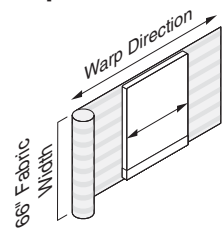
## What is the issue?

Some textiles are simple and look the same regardless of how you apply them to a product. Many other fabrics are patterned, textured, or have luster that will have a distinctly different appearance if applied in different directions on chairs or panels. Because of these differences, and the fact that there are limits to how some fabrics can be applied to Steelcase products, it is important to understand fabric application direction standards at Steelcase in order to avoid being disappointed.

## Talking about direction

Fabrics come on rolls. The long yarns that run down the length of the roll are called the "warp" yarns. These yarns are used to define the direction you are viewing the fabric as it is applied to a panel or chair. Fabric directionality is determined by how the fabric comes off the roll. It is NOT determined by the way the pattern looks on the product (i.e., horizontal stripes do not mean the fabric was applied warp horizontal—it could have been applied warp vertical).

## Warp Horizontal



### Warp horizontal

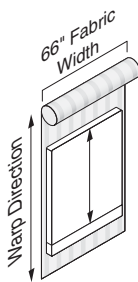
application is the standard application direction for most Steelcase fabrics on Steelcase panel and seating products.

► See page 357 for details on these exceptions.

### Horizontal application

means that as you view the panel or chair in its upright position, the warp yarns of the fabric are running in the horizontal direction.

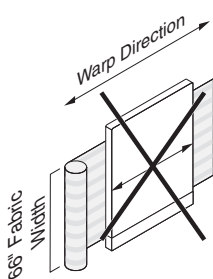
## Warp Vertical



**Warp vertical** application is the standard application direction for any panels taller than 68"H and a few other exceptions. Vertical application means that as you view the panel or chair in its upright position, the warp yarns are running in the vertical direction.

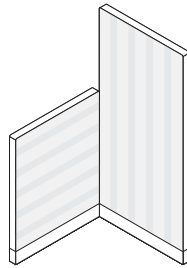
► See page 357 for details on these exceptions.

## Warp Horizontal



**Fabric on panels taller than 68"H** cannot be applied warp horizontal because the height of the product is greater than the width of the fabric.

**Steelcase is not responsible for charges associated with replacement or re-upholstery of products due to incorrect specifications.**



**The combination** of tall panels (75"H with warp vertical) with short panels (65"H or less with warp horizontal) will result in the fabric patterns running in opposite directions.

**To remedy this situation, the following options are available:**

- Use non-directional fabric. Only a small selection of fabrics are non-directional.
- Use fabrics that have standard warp vertical application direction.
- Specify warp vertical application on fabrics that are standard warp horizontal.

*Tip: If you require warp vertical and it is not the standard, you must specify the warp vertical option on every line in the order.*

## Application Topics

### Surface Materials

**Representatives** are available to answer your questions and to provide clarification. They can also help with situations where you are using fabrics under 66"W. Call 616.246.9822 or fax 616.698.4700.

## Price

**No additional cost** to specify warp direction.

## How to Specify

**You must specify** warp direction when you need to depart from the standard. Avenir panels allow this option to be selected electronically. On non-electronic orders, add a written specification to each panel to indicate non-standard warp directions.

For example:  
MPTAM5348  
52<sup>3</sup>/<sub>8</sub>"H x 48<sup>5</sup>/<sub>16</sub>"W tackable acoustical panels  
side 1: fabric 5F07 (Buzz2 Blue) with vertical application.  
side 2: fabric 5F08 (Buzz2 Navy) with vertical application.



### Standard Warp Directions for Avenir

Fabric	Fabric Direction	Panel Stacker	Panel Height				Tackboards
			41"H	53"H	65"H	80"H	
Abacus <b>E</b>	D	H	H	H	H	V	H
Alloy	D	H	H	H	H	V	H
Bariolage	D	H	H	H	H	V	H
Billiard Multi-Use by Designtex	D	H	H	H	V	V	H
Boccie	D	H	H	H	H	V	H
Bouquet <b>E</b>	D	H	H	H	H	V	H
Buzz2	D	H	H	H	V	V	H
Charm	D	H	H	H	H	V	H
Code	D	H	H	H	H	V	H
Flip: Orbit	D	HO	HO	HO	HO	•	HO
Flip: TexHex	D	HO	HO	HO	HO	•	HO
Fresco	D	H	H	H	H	V	H
Lapel	D	H	H	H	H	V	H
Latch	D	H	H	H	H	V	H
Milano <b>E</b>	D	H	H	H	H	V	H
Optic	D	H	H	H	H	V	H
Pianista	D	HO	HO	HO	HO	•	HO
Rhythm	D	H	H	H	H	V	H
Tinsel	D	H	H	H	H	V	H

#### Customer's Own Material Yardage Requirements

Pre-approved fabrics are available. To determine if the fabric you want is on the pre-approved list, call a COM Consultant at 616.246.9822.

**For information regarding COM fabrics,** refer to the *Steelcase Surface Materials Reference Manual*.

**Additional fabric** is required to accommodate flaws, wrinkles, and other imperfections.

#### Legend

D = Directional  
ND = Non-directional  
H = Warp horizontal  
HO = Horizontal only  
V = Warp vertical  
• = Not available  
**E** = Established



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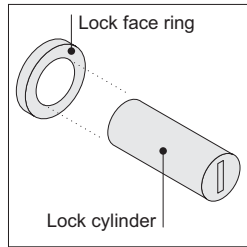
# Resources

## Resources

Lock and Keying	360
Style Number Index	362

# Lock and Keying

**All locking products** are standard with factory-installed, keyed-random locks. Consecutive, specific, and random keying are available as field-installed options.  
*Exceptions: Individual locking drawers are available only with field-installed locks.*



**Locks** consist of a factory- or field-installed lock cylinder and a factory-installed lock face ring.

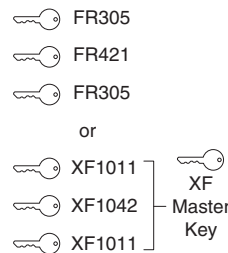
**Two types of locks** are available — the standard keying system (FR series) and the master keying system (XF series). All the locks in the XF series can be opened with a single master key.

## Factory-Installed Keying

**Factory-installed locks** are always key random (standard) or master key random (option). Key random means that the locks will be assigned arbitrarily at the factory with key numbers ranging from FR305 to FR454 (Master keying numbers: XF1001 to XF1150). All locks within a unit will be keyed alike.

*Tip: Random keying can mean that different furniture units will have the same key number. If you must have all locks keyed differently, you should specify field-installed, key specific or key consecutive lock cylinders.*  
 ▶ See below.

### Key Random



### Required to Specify

<b>Master key random</b>	+\$28	Specify with master key random.
--------------------------	-------	---------------------------------

## Field-Installed Keying

**Field-installed locks** are only available on products that include factory-installed lock mechanisms.

**Specify “plug”** when specifying furniture, and the product will ship with a plastic plug in place of the lock cylinder.  
*Tip: For products with optional lock colors, make sure to specify the color for both the lock and lock face ring.*

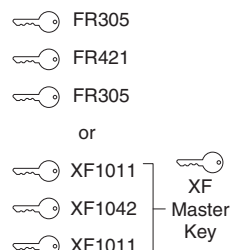
**Front-removable lock cylinders** must be specified separately. You must also order a special lock tool to install or remove lock cylinders in the field.  
*Tip: Lock tools are reusable. You do not need to order additional lock tools with every furniture order.*

**Lock cylinders** will be shipped separately so that you can install the locks when you are ready.

**Three keying choices** are available for field installation—random (standard), specific, and consecutive. All three are also available with master keying, which means that all locks can be opened with a single master key.

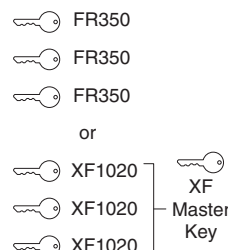
**Key random** means that the locks will be assigned arbitrarily at the factory with key numbers ranging from FR305 to FR454 (Master keying numbers: XF1001 to XF1150).  
*Tip: Random keying can mean that different furniture units will have the same key number. If you must have all locks keyed differently, you should specify key specific or key consecutive lock cylinders.*

### Key Random



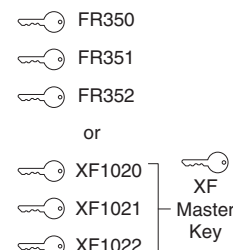
**Key specific** means that you can specify any key number from FR305 to FR454 (Master keying numbers: XF1001 to XF1150). This option can be used to key all the furniture units in a workstation or department the same.  
*Tip: Designate the quantity per key number in your specification.*  
 ▶ See example at right.

### Key Specific



**Key consecutive** means that you can specify lock numbers in a consecutive order to ensure that no two locks have the same key number until the key sequence repeats. You must select a beginning key number from FR305 to FR454 (Master keying numbers: XF1001 to XF1150).

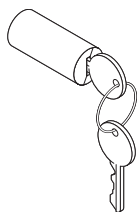
### Key Consecutive



**Example** of a typical lock cylinder specification is shown below:

10	LOCK9201FR	FR320
5	LOCK9201FR	FR350
15	LOCK9201XF	XF1100
30	Total	
1	877102003SR	standard lock tool
1	877102002SR	master lock tool

## Field-Installed Lock Cylinders



Tip: Lock price is included in price of furniture with locks.

Tip: For replacement lock cylinders, refer to Service Parts.

Standard Includes		Required to Specify
<ul style="list-style-type: none"> <li>Lock cylinder, keyed random: 9201 Polished Chrome or 9250 Ember Chrome</li> <li>Two keys</li> </ul>		1 Style number 2 Options, if selected (see below)

Options	U.S. Price	Required to Specify
<b>Key specific</b>	No cost	Select key number from FR305–FR454.
<b>Key consecutive</b>	No cost	Specify <i>key consecutive</i> and select beginning key number from FR305–FR454.
<b>Master key random</b>	+\$28 each	Specify <i>master key random</i> .
<b>Master key specific</b>	+\$28 each	Specify key number from XF1001–XF1150.
<b>Master key consecutive</b>	+\$28 each	Specify <i>master key consecutive</i> and select beginning key number from XF1001–XF1150.

### Specification Information

Color	Style Number	U.S. Base Price
:	:	:
:	:	:

### FR Series (Standard Keying System) – Lock Cylinder

Polished Chrome	<b>LOCK9201FR</b>	No cost
Ember Chrome	<b>LOCK9250FR</b>	No cost
:	:	:

### Standard Lock Tool

	<b>877102003SR</b>	\$28
:	:	:

### XF Series (Master Keying System) – Lock Cylinder

Polished Chrome	<b>LOCK9201XF</b>	No additional cost. Price included in price of furniture with master-keyed locks.
Ember Chrome	<b>LOCK9250XF</b>	No additional cost. Price included in price of furniture with master-keyed locks.
:	:	:

### Master Lock Tool

	<b>877102002SR</b>	\$28
:	:	:

Tip: You can change lock cylinders in the field by using the appropriate lock tool.



**For Canadian Pricing**  
 Multiply U.S. Price by the Canadian price factor.  
 ▶ See page 1 for details.

# Style Number Index

Style Number	Page	Description
<b>32WCP</b>	287	Wire Guide Clip
<b>877102002SR</b>	361	Master Lock Tool
<b>877102003SR</b>	361	Standard Lock Tool
<b>8LF18302F</b>	323	800 Lateral File w/Flush Front
<b>8LF18303F</b>	323	800 Lateral File w/Flush Front
<b>8LF18304F</b>	323	800 Lateral File w/Flush Front
<b>8LF18305F</b>	323	800 Lateral File w/Flush Front
<b>8LF18362F</b>	323	800 Lateral File w/Flush Front
<b>8LF18363F</b>	323	800 Lateral File w/Flush Front
<b>8LF18364F</b>	323	800 Lateral File w/Flush Front
<b>8LF18365F</b>	323	800 Lateral File w/Flush Front
<b>8LF18422F</b>	323	800 Lateral File w/Flush Front
<b>8LF18423F</b>	323	800 Lateral File w/Flush Front
<b>8LF18424F</b>	323	800 Lateral File w/Flush Front
<b>8LF18425F</b>	323	800 Lateral File w/Flush Front
<b>98669</b>	225	Base Pwr-In
<b>986691</b>	225	Base Pwr-In
<b>986694</b>	225	Base Pwr-In
<b>986694C</b>	226	Brkwy Base Pwr-In
<b>98669C</b>	226	Brkwy Base Pwr-In
<b>986831DA15S</b>	234	Dplex Receptacle
<b>986831DA20S</b>	234	Dplex Receptacle
<b>986831DB15S</b>	234	Dplex Receptacle
<b>986831DB20S</b>	234	Dplex Receptacle
<b>986831DC15S</b>	234	Dplex Receptacle
<b>986831DC20S</b>	234	Dplex Receptacle
<b>986832DA15S</b>	234	Dplex Receptacle
<b>986832DA20S</b>	234	Dplex Receptacle
<b>986832DB15S</b>	234	Dplex Receptacle
<b>986832DB20S</b>	234	Dplex Receptacle
<b>986832DC15S</b>	234	Dplex Receptacle
<b>986832DC20S</b>	234	Dplex Receptacle
<b>986833DA15S</b>	234	Dplex Receptacle
<b>986833DA20S</b>	234	Dplex Receptacle
<b>986833DB15S</b>	234	Dplex Receptacle
<b>986833DB20S</b>	234	Dplex Receptacle
<b>986833DC15S</b>	234	Dplex Receptacle
<b>986833DC20S</b>	234	Dplex Receptacle
<b>986834DA15S</b>	234	Dplex Receptacle
<b>986834DA20S</b>	234	Dplex Receptacle
<b>986834DB15S</b>	234	Dplex Receptacle
<b>986834DB20S</b>	234	Dplex Receptacle
<b>986834DC15S</b>	234	Dplex Receptacle
<b>986834DC20S</b>	234	Dplex Receptacle
<b>98683ADD15S</b>	234	Dplex Receptacle
<b>98683ADD20S</b>	234	Dplex Receptacle
<b>98683BDD15S</b>	234	Dplex Receptacle
<b>98683BDD20S</b>	234	Dplex Receptacle
<b>98683CDD15S</b>	234	Dplex Receptacle
<b>98683CDD20S</b>	234	Dplex Receptacle
<b>98683WS</b>	287	Grommet Receptacle
<b>98722</b>	284	EP Stab Brkt
<b>98723</b>	284	EP Stab Brkt
<b>98765</b>	286	Termination Plate
<b>98766</b>	286	Cable/Fiber Reel

Style Number	Page	Description
<b>98767</b>	286	Cord Reels
<b>98768</b>	287	Cable Storage Tray
<b>98769</b>	222	Anchor Brkt
<b>987801</b>	225	Base Pwr-In
<b>98863</b>	233	Dx Cable Grom
<b>ASHC1921X1</b>	285	Plastic Drawer
<b>BC</b>	278	AV Tri-Shaped Cantilever
<b>BEP24</b>	280	AV End Panel
<b>BEP30</b>	280	AV End Panel
<b>BPDSSWPL</b>	313	Pwr & Data Stp w/Crd
<b>BSC</b>	279	AV Tri-Shaped Shared Cantilever
<b>CGGC12</b>	223	Gripper Glide Caps
<b>ERFM41</b>	221	AV End-of-Run Filler
<b>ERFM53</b>	221	AV End-of-Run Filler
<b>ERFM65</b>	221	AV End-of-Run Filler
<b>ERFM80</b>	221	AV End-of-Run Filler
<b>FCD20</b>	285	AV Center Drawer
<b>FPW318</b>	231	AV Powerway
<b>FPW324</b>	231	AV Powerway
<b>FPW330</b>	231	AV Powerway
<b>FPW336</b>	231	AV Powerway
<b>FPW342</b>	231	AV Powerway
<b>FPW348</b>	231	AV Powerway
<b>FPW360</b>	231	AV Powerway
<b>FPW418</b>	231	AV Powerway
<b>FPW424</b>	231	AV Powerway
<b>FPW430</b>	231	AV Powerway
<b>FPW436</b>	231	AV Powerway
<b>FPW442</b>	231	AV Powerway
<b>FPW448</b>	231	AV Powerway
<b>FPW460</b>	231	AV Powerway
<b>FSCD20</b>	285	AV Center Drawer
<b>LLL17</b>	332	LED Linear Shelf Light
<b>LLL17YA</b>	332	LED Linear Shelf Light
<b>LLL17YB</b>	332	LED Linear Shelf Light
<b>LLL31</b>	332	LED Linear Shelf Light
<b>LLL31YB</b>	332	LED Linear Shelf Light
<b>LLL44</b>	333	LED Linear Shelf Light
<b>LLL44YB</b>	333	LED Linear Shelf Light
<b>LLL58</b>	333	LED Linear Shelf Light
<b>LLL58YB</b>	333	LED Linear Shelf Light
<b>LOCK9201FR</b>	361	Lock Cylinder
<b>LOCK9201XF</b>	361	Lock Cylinder
<b>LOCK9250FR</b>	361	Lock Cylinder
<b>LOCK9250XF</b>	361	Lock Cylinder
<b>LS1FSC</b>	327	Daisy Chain Cord
<b>LS6FSC</b>	327	Daisy Chain Cord
<b>LSB24K2</b>	328	Utility2 Shelf Light
<b>LSB24KC2</b>	328	Utility2 Shelf Light
<b>LSB24KD2</b>	328	Utility2 Shelf Light
<b>LSB24KS2</b>	328	Utility2 Shelf Light
<b>LSB24M2</b>	329	Utility2 Shelf Light
<b>LSB24MC2</b>	329	Utility2 Shelf Light
<b>LSB24MD2</b>	329	Utility2 Shelf Light
<b>LSB24MS2</b>	329	Utility2 Shelf Light

Style Number	Page	Description	Style Number	Page	Description
LSB36K2	328	Utility2 Shelf Light	MPSGM6536	205	AV Transp Panel
LSB36KC2	328	Utility2 Shelf Light	MPSGM6542	205	AV Transp Panel
LSB36KD2	328	Utility2 Shelf Light	MPSGM6548	205	AV Transp Panel
LSB36KS2	328	Utility2 Shelf Light	MPSGM8024	205	AV Transp Panel
LSB36M2	329	Utility2 Shelf Light	MPSGM8030	205	AV Transp Panel
LSB36MC2	329	Utility2 Shelf Light	MPSGM8036	205	AV Transp Panel
LSB36MD2	329	Utility2 Shelf Light	MPSGM8042	205	AV Transp Panel
LSB36MS2	329	Utility2 Shelf Light	MPSGM8048	205	AV Transp Panel
LSB48K2	328	Utility2 Shelf Light	MPSGS1118	210	Glass Panel Stacker
LSB48KC2	328	Utility2 Shelf Light	MPSGS1124	210	AV Glass Panel Stacker
LSB48KD2	328	Utility2 Shelf Light	MPSGS1130	210	AV Glass Panel Stacker
LSB48KS2	328	Utility2 Shelf Light	MPSGS1136	210	AV Glass Panel Stacker
LSB48M2	329	Utility2 Shelf Light	MPSGS1142	210	AV Glass Panel Stacker
LSB48MC2	329	Utility2 Shelf Light	MPSGS1148	210	AV Glass Panel Stacker
LSB48MD2	329	Utility2 Shelf Light	MPSGS1160	210	Glass Panel Stacker
LSB48MS2	329	Utility2 Shelf Light	MPSGS1218	210	Glass Panel Stacker
LSL18	330	LED Light	MPSGS1224	210	AV Glass Panel Stacker
LSL18YA	330	LED Light	MPSGS1230	210	AV Glass Panel Stacker
LSL18YB	330	LED Light	MPSGS1236	210	AV Glass Panel Stacker
LSM24K	326	Standard Light	MPSGS1242	210	AV Glass Panel Stacker
LSM24KC	326	Standard Light	MPSGS1248	210	AV Glass Panel Stacker
LSM24KD	326	Standard Light	MPSGS1260	210	Glass Panel Stacker
LSM36K	326	Standard Light	MPSGS1518	210	Glass Panel Stacker
LSM36KC	326	Standard Light	MPSGS1524	210	Glass Panel Stacker
LSM36KD	326	Standard Light	MPSGS1530	210	Glass Panel Stacker
LSM48K	326	Standard Light	MPSGS1536	210	Glass Panel Stacker
LSM48KC	326	Standard Light	MPSGS1542	210	Glass Panel Stacker
LSM48KD	326	Standard Light	MPSGS1548	210	Glass Panel Stacker
MCAS24L	282	AV Clear-Access End Pnl	MPSGS1560	210	Glass Panel Stacker
MCAS24R	282	AV Clear-Access End Pnl	MPSGS2418	211	Glass Panel Stacker
MCAS30L	282	AV Clear-Access End Pnl	MPSGS2424	211	AV Glass Panel Stacker
MCAS30R	282	AV Clear-Access End Pnl	MPSGS2430	211	AV Glass Panel Stacker
MCP41A	230	AV Cable Pole	MPSGS2436	211	AV Glass Panel Stacker
MCP53A	230	AV Cable Pole	MPSGS2442	211	AV Glass Panel Stacker
MCP65A	230	AV Cable Pole	MPSGS2448	211	AV Glass Panel Stacker
MCP80A	230	AV Cable Pole	MPSGS2460	211	Glass Panel Stacker
MFES18	280	AV End Panel	MPT6030	264	AV Pnl-Supported Table
MFES24	280	AV End Panel	MPT6036	264	AV Pnl-Supported Table
MFES30	280	AV End Panel	MPT6630	264	AV Pnl-Supported Table
MPDFM8042	212	AV Frame	MPT6636	264	AV Pnl-Supported Table
MPDFWDM8042	212	AV Pnl Door	MPT7230	264	AV Pnl-Supported Table
MPHGM6524	207	AV Gls/Fab Panel	MPT7236	264	AV Pnl-Supported Table
MPHGM6530	207	AV Gls/Fab Panel	MPTAM3318	203	AV Tackable Panel
MPHGM6536	207	AV Gls/Fab Panel	MPTAM3324	203	AV Tackable Panel
MPHGM6542	207	AV Gls/Fab Panel	MPTAM3330	203	AV Tackable Panel
MPHGM6548	207	AV Gls/Fab Panel	MPTAM3336	203	AV Tackable Panel
MPHGM8024	207	AV Gls/Fab Panel	MPTAM3342	203	AV Tackable Panel
MPHGM8030	207	AV Gls/Fab Panel	MPTAM3348	203	AV Tackable Panel
MPHGM8036	207	AV Gls/Fab Panel	MPTAM3360	203	AV Tackable Panel
MPHGM8042	207	AV Gls/Fab Panel	MPTAM4118	203	AV Tackable Panel
MPHGM8048	207	AV Gls/Fab Panel	MPTAM4124	203	AV Tackable Panel
MPSC372B	227	AV End Power-In	MPTAM4130	203	AV Tackable Panel
MPSC472B	227	AV End Power-In	MPTAM4136	203	AV Tackable Panel
MPSGM6524	205	AV Transp Panel	MPTAM4142	203	AV Tackable Panel
MPSGM6530	205	AV Transp Panel	MPTAM4148	203	AV Tackable Panel

## Style Number Index, continued

Style Number	Page	Description
<b>MPTAM4160</b>	203	AV Tackable Panel
<b>MPTAM5318</b>	203	AV Tackable Panel
<b>MPTAM5324</b>	203	AV Tackable Panel
<b>MPTAM5330</b>	203	AV Tackable Panel
<b>MPTAM5336</b>	203	AV Tackable Panel
<b>MPTAM5342</b>	203	AV Tackable Panel
<b>MPTAM5348</b>	203	AV Tackable Panel
<b>MPTAM5360</b>	203	AV Tackable Panel
<b>MPTAM6518</b>	203	AV Tackable Panel
<b>MPTAM6524</b>	203	AV Tackable Panel
<b>MPTAM6530</b>	203	AV Tackable Panel
<b>MPTAM6536</b>	203	AV Tackable Panel
<b>MPTAM6542</b>	203	AV Tackable Panel
<b>MPTAM6548</b>	203	AV Tackable Panel
<b>MPTAM6560</b>	203	AV Tackable Panel
<b>MPTAM8018</b>	203	AV Tackable Panel
<b>MPTAM8024</b>	203	AV Tackable Panel
<b>MPTAM8030</b>	203	AV Tackable Panel
<b>MPTAM8036</b>	203	AV Tackable Panel
<b>MPTAM8042</b>	203	AV Tackable Panel
<b>MPTAM8048</b>	203	AV Tackable Panel
<b>MPTAS1118</b>	208	Tack Fabric-Cvrd Pnl Stcker
<b>MPTAS1124</b>	208	AV Fab Panel Stacker
<b>MPTAS1130</b>	208	AV Fab Panel Stacker
<b>MPTAS1136</b>	208	AV Fab Panel Stacker
<b>MPTAS1142</b>	208	AV Fab Panel Stacker
<b>MPTAS1148</b>	208	AV Fab Panel Stacker
<b>MPTAS1160</b>	208	Tack Fabric-Cvrd Pnl Stcker
<b>MPTAS1218</b>	208	Tack Fabric-Cvrd Pnl Stcker
<b>MPTAS1224</b>	208	AV Fab Panel Stacker
<b>MPTAS1230</b>	208	AV Fab Panel Stacker
<b>MPTAS1236</b>	208	AV Fab Panel Stacker
<b>MPTAS1242</b>	208	AV Fab Panel Stacker
<b>MPTAS1248</b>	208	AV Fab Panel Stacker
<b>MPTAS1260</b>	208	Tack Fabric-Cvrd Pnl Stcker
<b>MPTAS1518</b>	209	Tack Fabric-Cvrd Pnl Stcker
<b>MPTAS1524</b>	209	Tack Fabric-Cvrd Pnl Stcker
<b>MPTAS1530</b>	209	Tack Fabric-Cvrd Pnl Stcker
<b>MPTAS1536</b>	209	Tack Fabric-Cvrd Pnl Stcker
<b>MPTAS1542</b>	209	Tack Fabric-Cvrd Pnl Stcker
<b>MPTAS1548</b>	209	Tack Fabric-Cvrd Pnl Stcker
<b>MPTAS1560</b>	209	Glass Panel Stacker
<b>MPTAS2418</b>	209	Tack Fabric-Cvrd Pnl Stcker
<b>MPTAS2424</b>	209	AV Fab Panel Stacker
<b>MPTAS2430</b>	209	AV Fab Panel Stacker
<b>MPTAS2436</b>	209	AV Fab Panel Stacker
<b>MPTAS2442</b>	209	AV Fab Panel Stacker
<b>MPTAS2448</b>	209	AV Fab Panel Stacker
<b>MPTAS2460</b>	209	Tack Fabric-Cvrd Pnl Stcker
<b>MPTP3</b>	232	AV Pnl-to-Pnl Conn
<b>MPTP4</b>	232	AV Pnl-to-Pnl Conn
<b>MSS</b>	277	AV Side Support
<b>MTWS3017M</b>	266	AV Transaction Wksf
<b>MTWS3617M</b>	266	AV Transaction Wksf
<b>MTWS4217M</b>	266	AV Transaction Wksf

Style Number	Page	Description
<b>MTWS4817M</b>	266	AV Transaction Wksf
<b>MTWS6017M</b>	266	AV Transaction Wksf
<b>MU2824BBFL</b>	292	AV Fixed Ped
<b>MU2824FFL</b>	292	AV Fixed Ped
<b>MU2830BBFL</b>	292	AV Fixed Ped
<b>MU2830FFL</b>	292	AV Fixed Ped
<b>MUCANT</b>	255	AV Cantilever
<b>MUCC1122</b>	244	AV Univ Sys Cor Wksf, Curved Front
<b>MUCC1188</b>	244	AV Univ Sys Cor Wksf, Curved Front
<b>MUCC2200</b>	244	AV Univ Sys Cor Wksf, Curved Front
<b>MUCC2222</b>	244	AV Univ Sys Cor Wksf, Curved Front
<b>MUCC2266</b>	244	AV Univ Sys Cor Wksf, Curved Front
<b>MUCC2288</b>	244	AV Univ Sys Cor Wksf, Curved Front
<b>MUCC3322</b>	244	AV Univ Sys Cor Wksf, Curved Front
<b>MUCC3388</b>	244	AV Univ Sys Cor Wksf, Curved Front
<b>MUCSBR</b>	255	AV Side Support Brackets
<b>MUEC2202L</b>	247	AV Univ Sys Ext Cor Wksf, Crvd Front
<b>MUEC2208L</b>	247	AV Univ Sys Ext Cor Wksf, Crvd Front
<b>MUEC2220R</b>	247	AV Univ Sys Ext Cor Wksf, Crvd Front
<b>MUEC2222L</b>	247	AV Univ Sys Ext Cor Wksf, Crvd Front
<b>MUEC2222R</b>	247	AV Univ Sys Ext Cor Wksf, Crvd Front
<b>MUEC2226R</b>	247	AV Univ Sys Ext Cor Wksf, Crvd Front
<b>MUEC2228L</b>	247	AV Univ Sys Ext Cor Wksf, Crvd Front
<b>MUEC2262L</b>	247	AV Univ Sys Ext Cor Wksf, Crvd Front
<b>MUEC2268L</b>	247	AV Univ Sys Ext Cor Wksf, Crvd Front
<b>MUEC2280R</b>	247	AV Univ Sys Ext Cor Wksf, Crvd Front
<b>MUEC2282R</b>	247	AV Univ Sys Ext Cor Wksf, Crvd Front
<b>MUEC2286R</b>	247	AV Univ Sys Ext Cor Wksf, Crvd Front
<b>MUEC3302L</b>	247	AV Univ Sys Ext Cor Wksf, Str Front
<b>MUEC3308L</b>	247	AV Univ Sys Ext Cor Wksf, Crvd Front
<b>MUEC3320R</b>	247	AV Univ Sys Ext Cor Wksf, Crvd Front
<b>MUEC3322L</b>	247	AV Univ Sys Ext Cor Wksf, Str Front
<b>MUEC3322R</b>	247	AV Univ Sys Ext Cor Wksf, Crvd Front
<b>MUEC3326R</b>	247	AV Univ Sys Ext Cor Wksf, Crvd Front
<b>MUEC3328L</b>	247	AV Univ Sys Ext Cor Wksf, Crvd Front
<b>MUEC3362L</b>	247	AV Univ Sys Ext Cor Wksf, Str Front
<b>MUEC3368L</b>	247	AV Univ Sys Ext Cor Wksf, Crvd Front
<b>MUEC3380R</b>	247	AV Univ Sys Ext Cor Wksf, Crvd Front
<b>MUEC3382R</b>	247	AV Univ Sys Ext Cor Wksf, Crvd Front
<b>MUEC3386R</b>	247	AV Univ Sys Ext Cor Wksf, Crvd Front
<b>MUP2224BFS</b>	295	AV Mobile Pedestal
<b>MUP2224BFSC</b>	295	AV Mobile Pedestal
<b>MUPC24BFL</b>	293	AV Wksf-Supported Ped
<b>MUPC30BFL</b>	293	AV Wksf-Supported Ped
<b>MUS1830</b>	241	AV Univ Sys Straight Wksf
<b>MUS1836</b>	241	AV Univ Sys Straight Wksf
<b>MUS1842</b>	241	AV Univ Sys Straight Wksf
<b>MUS1848</b>	241	AV Univ Sys Straight Wksf
<b>MUS1854</b>	241	AV Univ Sys Straight Wksf
<b>MUS1860</b>	241	AV Univ Sys Straight Wksf
<b>MUS2424</b>	241	AV Univ Sys Straight Wksf
<b>MUS2430</b>	241	AV Univ Sys Straight Wksf
<b>MUS2436</b>	241	AV Univ Sys Straight Wksf
<b>MUS2442</b>	241	AV Univ Sys Straight Wksf
<b>MUS2448</b>	241	AV Univ Sys Straight Wksf



Style Number	Page	Description	Style Number	Page	Description
<b>MUS2454</b>	241	AV Univ Sys Straight Wksf	<b>PAB5E</b>	215	AV Panel Conn Pkg
<b>MUS2460</b>	241	AV Univ Sys Straight Wksf	<b>PAB5F</b>	215	AV Panel Conn Pkg
<b>MUS2466</b>	241	AV Univ Sys Straight Wksf	<b>PAB5G</b>	215	AV Panel Conn Pkg
<b>MUS2472</b>	241	AV Univ Sys Straight Wksf	<b>PAB6</b>	222	Attachment Bracket
<b>MUS3024</b>	241	AV Univ Sys Straight Wksf	<b>PAB7</b>	222	Attachment Bracket
<b>MUS3030</b>	241	AV Univ Sys Straight Wksf	<b>PAB9</b>	216	AV Panel Conn Pkg
<b>MUS3036</b>	241	AV Univ Sys Straight Wksf	<b>PBCC180</b>	232	AV Corner Wire Cvr
<b>MUS3042</b>	241	AV Univ Sys Straight Wksf	<b>PBCC90</b>	232	AV Corner Wire Cvr
<b>MUS3048</b>	241	AV Univ Sys Straight Wksf	<b>PBEF</b>	233	AV Pnl-Base End Flr
<b>MUS3054</b>	241	AV Univ Sys Straight Wksf	<b>PC4133</b>	217	AV COH Panel Conn
<b>MUS3060</b>	241	AV Univ Sys Straight Wksf	<b>PC5333</b>	217	AV COH Panel Conn
<b>MUS3066</b>	241	AV Univ Sys Straight Wksf	<b>PC5341</b>	217	AV COH Panel Conn
<b>MUS3072</b>	241	AV Univ Sys Straight Wksf	<b>PC6533</b>	217	AV COH Panel Conn
<b>MUSPC50</b>	248	AV Univ Sys Spanner Wksf	<b>PC6541</b>	217	AV COH Panel Conn
<b>MUT1236R</b>	243	AV Univ Sys Transition Wksf	<b>PC6553</b>	217	AV COH Panel Conn
<b>MUT1242R</b>	243	AV Univ Sys Transition Wksf	<b>PC8033</b>	217	AV COH Panel Conn
<b>MUT1248R</b>	243	AV Univ Sys Transition Wksf	<b>PC8041</b>	217	AV COH Panel Conn
<b>MUT1254R</b>	243	AV Univ Sys Transition Wksf	<b>PC8053</b>	217	AV COH Panel Conn
<b>MUT1260R</b>	243	AV Univ Sys Transition Wksf	<b>PC8065</b>	217	AV COH Panel Conn
<b>MUT2136L</b>	243	AV Univ Sys Transition Wksf	<b>PCH</b>	223	AV Panel Coat Hook
<b>MUT2142L</b>	243	AV Univ Sys Transition Wksf	<b>PCSB18S</b>	279	AV Shared Cantilever
<b>MUT2148L</b>	243	AV Univ Sys Transition Wksf	<b>PCSB24S</b>	279	AV Shared Cantilever
<b>MUT2154L</b>	243	AV Univ Sys Transition Wksf	<b>PCWRC3618</b>	267	AV Cor Crvlnr Wksf
<b>MUT2160L</b>	243	AV Univ Sys Transition Wksf	<b>PCWRC3624</b>	267	AV Cor Crvlnr Wksf
<b>MUT2336R</b>	243	AV Univ Sys Transition Wksf	<b>PCWRC4224</b>	267	AV Cor Crvlnr Wksf
<b>MUT2342R</b>	243	AV Univ Sys Transition Wksf	<b>PCWRC4230</b>	267	AV Cor Crvlnr Wksf
<b>MUT2348R</b>	243	AV Univ Sys Transition Wksf	<b>PCWRC4824</b>	267	AV Cor Crvlnr Wksf
<b>MUT2354R</b>	243	AV Univ Sys Transition Wksf	<b>PCWRC4830</b>	267	AV Cor Crvlnr Wksf
<b>MUT2360R</b>	243	AV Univ Sys Transition Wksf	<b>PCWRL226048</b>	270	AV Ext Cor Crv Wksf
<b>MUT2366L</b>	243	AV Univ Sys Transition Wksf	<b>PCWRL227248</b>	270	AV Ext Cor Crv Wksf
<b>MUT2342L</b>	243	AV Univ Sys Transition Wksf	<b>PCWRL236048</b>	270	AV Ext Cor Crv Wksf
<b>MUT2348L</b>	243	AV Univ Sys Transition Wksf	<b>PCWRL237248</b>	270	AV Ext Cor Crv Wksf
<b>MUT2354L</b>	243	AV Univ Sys Transition Wksf	<b>PCWRL326048</b>	270	AV Ext Cor Crv Wksf
<b>MUT2360L</b>	243	AV Univ Sys Transition Wksf	<b>PCWRL327248</b>	270	AV Ext Cor Crv Wksf
<b>MUTR1630</b>	254	AV Univ Sys Transaction Wksf	<b>PCWRL336048</b>	270	AV Ext Cor Crv Wksf
<b>MUTR1636</b>	254	AV Univ Sys Transaction Wksf	<b>PCWRL337248</b>	270	AV Ext Cor Crv Wksf
<b>MUTR1642</b>	254	AV Univ Sys Transaction Wksf	<b>PCWRR224860</b>	271	AV Ext Cor Crv Wksf
<b>MUTR1648</b>	254	AV Univ Sys Transaction Wksf	<b>PCWRR224872</b>	271	AV Ext Cor Crv Wksf
<b>MUTR1660</b>	254	AV Univ Sys Transaction Wksf	<b>PCWRR234860</b>	271	AV Ext Cor Crv Wksf
<b>MWPT6030</b>	265	AV Pnl-Supported Table	<b>PCWRR234872</b>	271	AV Ext Cor Crv Wksf
<b>MWPT6630</b>	265	AV Pnl-Supported Table	<b>PCWRR324860</b>	271	AV Ext Cor Crv Wksf
<b>MWPT7230</b>	265	AV Pnl-Supported Table	<b>PCWRR324872</b>	271	AV Ext Cor Crv Wksf
<b>PAB233</b>	214	AV Panel Conn Pkg	<b>PCWRR334860</b>	271	AV Ext Cor Crv Wksf
<b>PAB241</b>	214	AV Panel Conn Pkg	<b>PCWRR334872</b>	271	AV Ext Cor Crv Wksf
<b>PAB253</b>	214	AV Panel Conn Pkg	<b>PCWS18CL</b>	278	AV Cantilever
<b>PAB265</b>	214	AV Panel Conn Pkg	<b>PCWS18CR</b>	278	AV Cantilever
<b>PAB333</b>	214	AV Panel Conn Pkg	<b>PCWS24CL</b>	278	AV Cantilever
<b>PAB341</b>	214	AV Panel Conn Pkg	<b>PCWS24CR</b>	278	AV Cantilever
<b>PAB353</b>	214	AV Panel Conn Pkg	<b>PCWS30CL</b>	278	AV Cantilever
<b>PAB365</b>	214	AV Panel Conn Pkg	<b>PCWS30CR</b>	278	AV Cantilever
<b>PAB4</b>	216	AV Panel Conn Pkg	<b>PFF16</b>	223	AV Panel Stab Foot
<b>PAB5A</b>	215	AV Panel Conn Pkg	<b>PJAXM4153</b>	220	AV X-Config Filler
<b>PAB5B</b>	215	AV Panel Conn Pkg	<b>PJAXM4165</b>	220	AV X-Config Filler
<b>PAB5C</b>	215	AV Panel Conn Pkg	<b>PJAXM4180</b>	220	AV X-Config Filler
<b>PAB5D</b>	215	AV Panel Conn Pkg	<b>PJAXM5365</b>	220	AV X-Config Filler

## Style Number Index, continued

Style Number	Page	Description
PJAXM5380	220	AV X-Config Filler
PJAXM6580	220	AV X-Config Filler
PJBXM4153	220	AV X-Config Filler
PJBXM4165	220	AV X-Config Filler
PJBXM4180	220	AV X-Config Filler
PJBXM5365	220	AV X-Config Filler
PJBXM5380	220	AV X-Config Filler
PJBXM6580	220	AV X-Config Filler
PJLM41	218	AV L-Config Filler
PJLM53	218	AV L-Config Filler
PJLM65	218	AV L-Config Filler
PJLM80	218	AV L-Config Filler
PJTM41	219	AV T-Config Filler
PJTM4153	219	AV T-Config Filler
PJTM4165	219	AV T-Config Filler
PJTM4180	219	AV T-Config Filler
PJTM53	219	AV T-Config Filler
PJTM5365	219	AV T-Config Filler
PJTM5380	219	AV T-Config Filler
PJTM65	219	AV T-Config Filler
PJTM6580	219	AV T-Config Filler
PJTM80	219	AV T-Config Filler
PJWL326648	273	AV Jetty Crv Wksf
PJWL327248	273	AV Jetty Crv Wksf
PJWL337248	273	AV Jetty Crv Wksf
PJWR234866	273	AV Jetty Crv Wksf
PJWR234872	273	AV Jetty Crv Wksf
PJWR334872	273	AV Jetty Crv Wksf
PJXM	220	AV X-Config Top Cap
PLWR2424	275	AV Link Crvlnr Wksf
PLWR3030	275	AV Link Crvlnr Wksf
PMB3330	224	AV Markerboard
PMB3336	224	AV Markerboard
PMDR	235	AV Pnl-Supported Recept
PP341A	228	AV Power Pole
PP353A	228	AV Power Pole
PP365A	228	AV Power Pole
PP380A	228	AV Power Pole
PP441A	228	AV Power Pole
PP453A	228	AV Power Pole
PP465A	228	AV Power Pole
PP480A	228	AV Power Pole
PP6416S	229	AV Power Pole
PP6536S	229	AV Power Pole
PP6656S	229	AV Power Pole
PP6806S	229	AV Power Pole
PP8416S	229	AV Power Pole
PP8536S	229	AV Power Pole
PP8656S	229	AV Power Pole
PP8806S	229	AV Power Pole
PSPWR3050	276	AV Span Crvlnr Wksf
PSPWR3650	276	AV Span Crvlnr Wksf
PSPWR3662	276	AV Span Crvlnr Wksf
PTDMGB1	288	Power Sphere
PTDMGB2	288	Power Sphere

Style Number	Page	Description
PTDMGB3	288	Pwr Comm Sphere
PTDMGB4	288	Pwr Comm Sphere
PTDMGB5	289	Comm Sphere
PTRSGB1	289	Power Comm Port
PTRWL2136	272	AV Trnstr Crv Wksf
PTRWL3242	272	AV Trnstr Crv Wksf
PTRWL3248	272	AV Trnstr Crv Wksf
PTRWR1236	272	AV Trnstr Crv Wksf
PTRWR2342	272	AV Trnstr Crv Wksf
PTRWR2348	272	AV Trnstr Crv Wksf
PVWMM	334	AV Vertical Wire Manager
PVWRL2424	274	AV Visitor Crv Wksf
PVWRL2430	274	AV Visitor Crv Wksf
PVWRL2436	274	AV Visitor Crv Wksf
PVWRL3030	274	AV Visitor Crv Wksf
PVWRR2424	274	AV Visitor Crv Wksf
PVWRR2430	274	AV Visitor Crv Wksf
PVWRR2436	274	AV Visitor Crv Wksf
PVWRR3030	274	AV Visitor Crv Wksf
PWC53	317	AV Wall Channels
PWC65	317	AV Wall Channels
PWC80	317	AV Wall Channels
PWCHB42	318	AV Horizontal Brace
PWCHB48	318	AV Horizontal Brace
PWCHB60	318	AV Horizontal Brace
PWCHB72	318	AV Horizontal Brace
PWF24L	281	AV Floor-Support End Pnl
PWF24R	281	AV Floor-Support End Pnl
PWF30L	281	AV Floor-Support End Pnl
PWF30R	281	AV Floor-Support End Pnl
PWRC2424	268	AV Straight Wksf
PWRC2430	269	AV Straight Wksf
PWRC3024	268	AV Straight Wksf
PWRC3030	269	AV Straight Wksf
PWRC3624	268	AV Straight Wksf
PWRC3630	269	AV Straight Wksf
PWRC4224	268	AV Straight Wksf
PWRC4230	269	AV Straight Wksf
PWRC4824	268	AV Straight Wksf
PWRC4830	269	AV Straight Wksf
PWRC5424	268	AV Straight Wksf
PWRC5430	269	AV Straight Wksf
PWRC6024	268	AV Straight Wksf
PWRC6030	269	AV Straight Wksf
PWRC6624	268	AV Straight Wksf
PWRC6630	269	AV Straight Wksf
PWRC7224	268	AV Straight Wksf
PWRC7230	269	AV Straight Wksf
PWRF24	283	AV Wksf Filler
PWRF30	283	AV Wksf Filler
PWSCL1	282	AV Cantilever Clamp
PWSCL18	279	AV Support Plate
PWSCL2	283	AV COH Cantilever Clamp
PWSCL24	279	AV Support Plate
PWSCL30	279	AV Support Plate

Style Number	Page	Description	Style Number	Page	Description
PWSF24	283	AV Wksf Filler	RBKHW72	317	Wall Bracket
PWSF30	283	AV Wksf Filler	RBKVOFM	319	Vert Off-Module Brkt
PWSMB2	277	AV Locking Side Support	RDIV	318	Dividers
RAACW1	324	Counterweight Pkg	RDS24AVR	316	Univ Personal Shelf
RAACW2	324	Counterweight Pkg	RDS30AVR	316	Univ Personal Shelf
RAACW3	324	Counterweight Pkg	RDS36AVR	316	Univ Personal Shelf
RAACW4	324	Counterweight Pkg	RDS42AVR	316	Univ Personal Shelf
RAACW5	324	Counterweight Pkg	RDS48AVR	316	Univ Personal Shelf
RAACW6	324	Counterweight Pkg	RDV1506	297	Dividers
RBB24AVR	307	Univ In the Case Bin	RDV1512	297	Dividers
RBB24LAVR	309	Univ In the Case Bin	RDV151210	297	Dividers
RBB24QAVR	303	Univ Over the Case Bin	RHK48	312	Hutch Kit
RBB24QCAVR	305	Univ Over the Case Bin	RHK60	312	Hutch Kit
RBB24WAVR	311	Univ In the Case Bin	RHK66	312	Hutch Kit
RBB30AVR	307	Univ In the Case Bin	RHK72	312	Hutch Kit
RBB30LAVR	309	Univ In the Case Bin	RHKCM	313	Hutch Kit Cable Manager
RBB30QAVR	303	Univ Over the Case Bin	RHKESB	314	Hutch Connector Bracket
RBB30QCAVR	305	Univ Over the Case Bin	RHKRECPT	313	Hutch Kit Receptacle
RBB30WAVR	311	Univ In the Case Bin	RPXDPT	298	Pencil Tray
RBB36AVR	307	Univ In the Case Bin	RPXDRS	298	Reference Shelf
RBB36LAVR	309	Univ In the Case Bin	RPXTC24P	296	U Ped Cushion Top
RBB36QAVR	303	Univ Over the Case Bin	RPXTCH24P	296	U Ped Cushion Top
RBB36QCAVR	305	Univ Over the Case Bin	RSB36AVR	299	Univ Sliding Door Bin w/Steel Frnt
RBB36WAVR	311	Univ In the Case Bin	RSB36LAVR	300	Univ Sliding Door Bin W/Lam Frnt
RBB42AVR	307	Univ In the Case Bin	RSB36WAVR	301	Univ Sliding Door Bin w/Wood Frnt
RBB42LAVR	309	Univ In the Case Bin	RSB42AVR	299	Univ Sliding Door Bin w/Steel Frnt
RBB42QAVR	303	Univ Over the Case Bin	RSB42LAVR	300	Univ Sliding Door Bin W/Lam Frnt
RBB42QCAVR	305	Univ Over the Case Bin	RSB42WAVR	301	Univ Sliding Door Bin w/Wood Frnt
RBB42WAVR	311	Univ In the Case Bin	RSB48AVR	299	Univ Sliding Door Bin w/Steel Frnt
RBB48AVR	307	Univ In the Case Bin	RSB48LAVR	300	Univ Sliding Door Bin W/Lam Frnt
RBB48LAVR	309	Univ In the Case Bin	RSB48WAVR	301	Univ Sliding Door Bin w/Wood Frnt
RBB48QAVR	303	Univ Over the Case Bin	RSB60AVR	299	Univ Sliding Door Bin w/Steel Frnt
RBB48QCAVR	305	Univ Over the Case Bin	RSB60LAVR	300	Univ Sliding Door Bin W/Lam Frnt
RBB48WAVR	311	Univ In the Case Bin	RSB60WAVR	301	Univ Sliding Door Bin w/Wood Frnt
RBB60AVR	307	Univ In the Case Bin	RSB66AVR	299	Univ Sliding Door Bin w/Steel Frnt
RBB60LAVR	309	Univ In the Case Bin	RSB66LAVR	300	Univ Sliding Door Bin W/Lam Frnt
RBB60QAVR	303	Univ Over the Case Bin	RSB66WAVR	301	Univ Sliding Door Bin w/Wood Frnt
RBB60QCAVR	305	Univ Over the Case Bin	RSB72AVR	299	Univ Sliding Door Bin w/Steel Frnt
RBB60WAVR	311	Univ In the Case Bin	RSB72LAVR	300	Univ Sliding Door Bin W/Lam Frnt
RBB66AVR	307	Univ In the Case Bin	RSB72WAVR	301	Univ Sliding Door Bin w/Wood Frnt
RBB66LAVR	309	Univ In the Case Bin	RSH24AVR	315	Univ Shelf
RBB66QAVR	303	Univ Over the Case Bin	RSH30AVR	315	Univ Shelf
RBB66QCAVR	305	Univ Over the Case Bin	RSH36AVR	315	Univ Shelf
RBB66WAVR	311	Univ In the Case Bin	RSH42AVR	315	Univ Shelf
RBB72AVR	307	Univ In the Case Bin	RSH48AVR	315	Univ Shelf
RBB72LAVR	309	Univ In the Case Bin	RSH60AVR	315	Univ Shelf
RBB72QAVR	303	Univ Over the Case Bin	RSH72AVR	315	Univ Shelf
RBB72QCAVR	305	Univ Over the Case Bin	RSS24AVR	320	Slim Shelf
RBB72WAVR	311	Univ In the Case Bin	RSS30AVR	320	Slim Shelf
RBKHW24	317	Wall Bracket	RSS36AVR	320	Slim Shelf
RBKHW30	317	Wall Bracket	RSS42AVR	320	Slim Shelf
RBKHW36	317	Wall Bracket	RSS48AVR	320	Slim Shelf
RBKHW42	317	Wall Bracket	RSS60AVR	320	Slim Shelf
RBKHW48	317	Wall Bracket	RSS72AVR	320	Slim Shelf
RBKHW60	317	Wall Bracket	RSS96AVR	320	Slim Shelf

## Style Number Index, continued

Style Number	Page	Description
<b>RSTA3318</b>	213	Tack Acst Skin
<b>RSTA3324</b>	213	Tack Acst Skin
<b>RSTA3330</b>	213	Tack Acst Skin
<b>RSTA3336</b>	213	Tack Acst Skin
<b>RSTA3342</b>	213	Tack Acst Skin
<b>RSTA3348</b>	213	Tack Acst Skin
<b>RSTA3360</b>	213	Tack Acst Skin
<b>RSTA4118</b>	213	Tack Acst Skin
<b>RSTA4124</b>	213	Tack Acst Skin
<b>RSTA4130</b>	213	Tack Acst Skin
<b>RSTA4136</b>	213	Tack Acst Skin
<b>RSTA4142</b>	213	Tack Acst Skin
<b>RSTA4148</b>	213	Tack Acst Skin
<b>RSTA4160</b>	213	Tack Acst Skin
<b>RSTA5318</b>	213	Tack Acst Skin
<b>RSTA5324</b>	213	Tack Acst Skin
<b>RSTA5330</b>	213	Tack Acst Skin
<b>RSTA5336</b>	213	Tack Acst Skin
<b>RSTA5342</b>	213	Tack Acst Skin
<b>RSTA5348</b>	213	Tack Acst Skin
<b>RSTA5360</b>	213	Tack Acst Skin
<b>RSTA6518</b>	213	Tack Acst Skin
<b>RSTA6524</b>	213	Tack Acst Skin
<b>RSTA6530</b>	213	Tack Acst Skin
<b>RSTA6536</b>	213	Tack Acst Skin
<b>RSTA6542</b>	213	Tack Acst Skin
<b>RSTA6548</b>	213	Tack Acst Skin
<b>RSTA6560</b>	213	Tack Acst Skin
<b>RSTA8018</b>	213	Tack Acst Skin
<b>RSTA8024</b>	213	Tack Acst Skin
<b>RSTA8030</b>	213	Tack Acst Skin
<b>RSTA8036</b>	213	Tack Acst Skin
<b>RSTA8042</b>	213	Tack Acst Skin
<b>RSTA8048</b>	213	Tack Acst Skin
<b>RUK24AVR</b>	319	Stnd OH Upmount Pkg
<b>RUK30AVR</b>	319	Stnd OH Upmount Pkg
<b>RUK36AVR</b>	319	Stnd OH Upmount Pkg
<b>RUK42AVR</b>	319	Stnd OH Upmount Pkg
<b>RUK48AVR</b>	319	Stnd OH Upmount Pkg
<b>RUK60AVR</b>	319	Stnd OH Upmount Pkg
<b>RUK72AVR</b>	319	Stnd OH Upmount Pkg
<b>RXADRL15</b>	297	Rails
<b>TB3018</b>	224	AV Tackboard
<b>TB3618</b>	224	AV Tackboard
<b>TB4218</b>	224	AV Tackboard
<b>TB4818</b>	224	AV Tackboard
<b>TB6018</b>	224	AV Tackboard
<b>TB7218</b>	224	AV Tackboard
<b>TS714WSP</b>	256	U Support Plate
<b>TS720WSP</b>	256	U Support Plate
<b>TS7TIEPLATE</b>	256	U Tie Plates
<b>TS7WKSPT</b>	257	Reinforcing Chan
<b>TS7WKSPT39</b>	257	Reinforcing Chan
<b>TS7WKSPT48</b>	257	Reinforcing Chan
<b>TS7WKSPT51</b>	257	Reinforcing Chan

Style Number	Page	Description
<b>TS7WKSPT54</b>	257	Reinforcing Chan
<b>TS7WKSPT60</b>	257	Reinforcing Chan
<b>TS7WKSPT63</b>	257	Reinforcing Chan
<b>TS7WKSPT66</b>	257	Reinforcing Chan
<b>TS7WKSPT72</b>	257	Reinforcing Chan
<b>TS7WWM</b>	235, 290	U WS Wire Mgr
<b>UADJ</b>	260	U Adj-Hgt Leg
<b>UADJ4</b>	260	U Adj-Hgt Leg
<b>UADJ4C</b>	260	U Adj-Hgt Leg
<b>UADJ4M</b>	260	U Adj-Hgt Leg
<b>UADJC</b>	260	U Adj-Hgt Leg
<b>UADJCOL</b>	261	Adjustable Column
<b>UCL</b>	259	U Dbl Post C-Leg
<b>UCOL</b>	261	Column
<b>UDPL</b>	259	U Dbl Post Leg
<b>UFB</b>	256	Flush-Mount Bracket
<b>UHDPL</b>	259	U Dbl Post Leg
<b>UHPL</b>	258	U Post Leg
<b>UJC2382R</b>	251	U Jetty WS, Fr CD
<b>UJC2386R</b>	251	U Jetty WS, Fr CD
<b>UJC2388R</b>	251	U Jetty WS, Fr CD
<b>UJC3228L</b>	250	U Jetty WS, Fr CD
<b>UJC3268L</b>	250	U Jetty WS, Fr CD
<b>UJC3288L</b>	250	U Jetty WS, Fr CD
<b>UJC3328L</b>	250	U Jetty WS, Fr CD
<b>UJC3368L</b>	250	U Jetty WS, Fr CD
<b>UJC3382R</b>	251	U Jetty WS, Fr CD
<b>UJC3386R</b>	251	U Jetty WS, Fr CD
<b>UJC3388L</b>	250	U Jetty WS, Fr CD
<b>UJC3388R</b>	251	U Jetty WS, Fr CD
<b>UNPL</b>	258	U Post Leg
<b>UNPL4</b>	258	U Post Leg
<b>UNPL4C</b>	258	U Post Leg
<b>UNPL4M</b>	258	U Post Leg
<b>UNPLC</b>	258	U Post Leg
<b>UPBC3060</b>	249	U Bullet Penn WS, CD
<b>UPL</b>	258	U Post Leg
<b>UPL4</b>	258	U Post Leg
<b>UPL4C</b>	258	U Post Leg
<b>UPL4M</b>	258	U Post Leg
<b>UPLC</b>	258	U Post Leg
<b>UVC2424L</b>	253	U Visitor Wksf
<b>UVC2424R</b>	253	U Visitor Wksf
<b>UVC2430L</b>	253	U Visitor Wksf
<b>UVC2430R</b>	253	U Visitor Wksf
<b>UVC2436L</b>	253	U Visitor Wksf
<b>UVC2436R</b>	253	U Visitor Wksf
<b>UVC2442L</b>	253	U Visitor Wksf
<b>UVC2442R</b>	253	U Visitor Wksf
<b>UVC2448L</b>	253	U Visitor Wksf
<b>UVC2448R</b>	253	U Visitor Wksf
<b>UVC3030L</b>	253	U Visitor Wksf
<b>UVC3030R</b>	253	U Visitor Wksf
<b>UVC3036L</b>	253	U Visitor Wksf
<b>UVC3036R</b>	253	U Visitor Wksf

Style Number	Page	Description
<b>UVC3042L</b>	253	U Visitor Wksf
<b>UVC3042R</b>	253	U Visitor Wksf
<b>UVC3048L</b>	253	U Visitor Wksf
<b>UVC3048R</b>	253	U Visitor Wksf
<b>VWM18</b>	334	AV Vertical Wire Manager
<b>VWM41M</b>	334	AV Vertical Wire Manager
<b>VWM53M</b>	334	AV Vertical Wire Manager
<b>VWM65M</b>	334	AV Vertical Wire Manager
<b>VWM80M</b>	334	AV Vertical Wire Manager



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