

Pathways floor & wiring

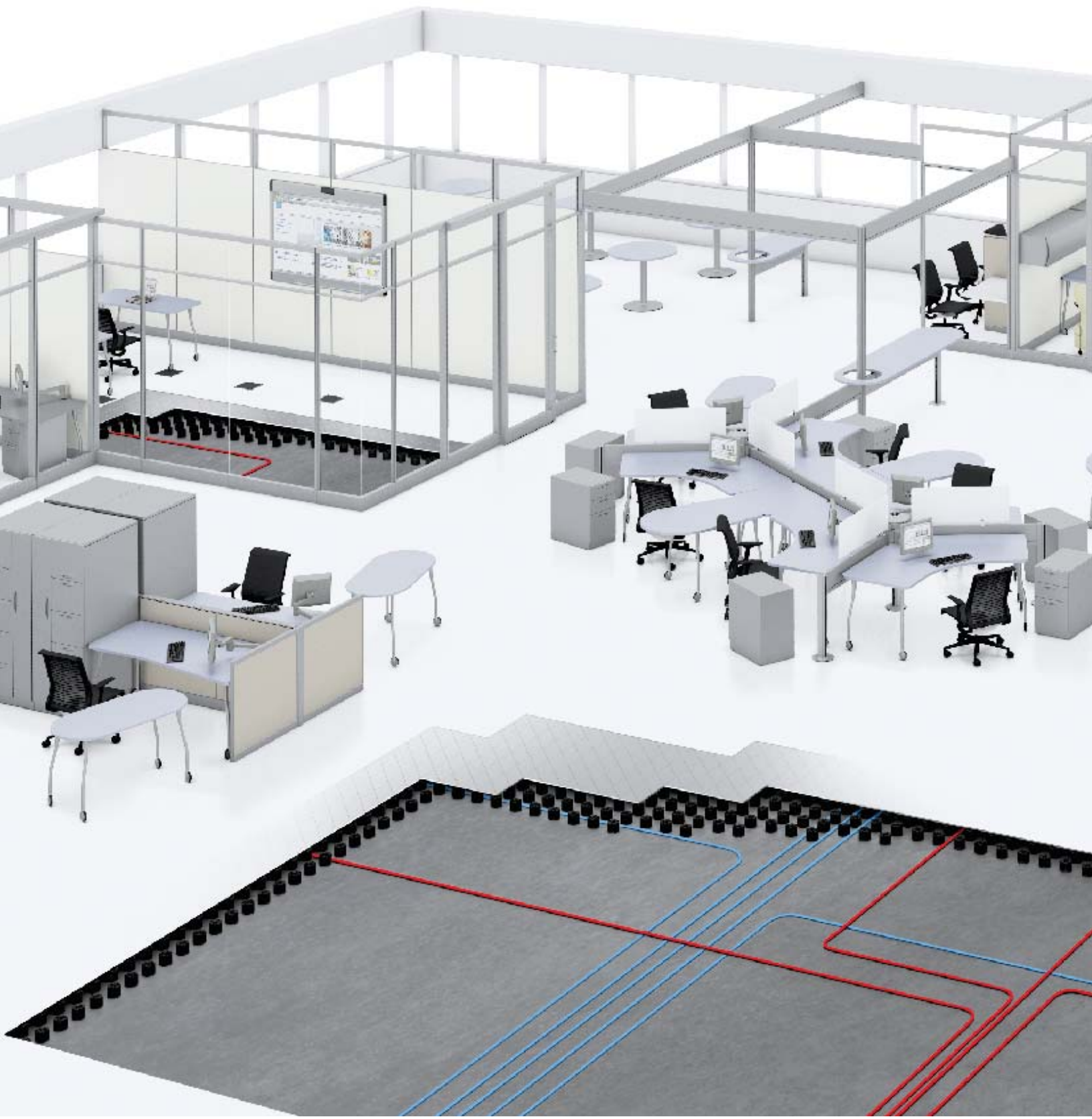
Steelcase



## Floor & Wiring

Here's the basis of a flexible, high-performance workplace. Where technology adapts with ease. Where the infrastructure operates more cost-effectively than ever before.

Pathways® Low-Profile Floor and modular wiring outperform conventional building systems by any measure. They're simply the most effective means to distribute power, data and voice.



## Higher performance

- Fully integrated with building architecture and furniture.
- Technology becomes literally plug 'n play.
- Moves and changes are fast, resulting in minimal downtime.

## Faster, easier installation

- Easy path to route wiring.
- Up to 75% less time than installing traditional wiring overhead
- Project moves faster, reducing overall building cost

## Environmentally responsible

- Reusable components and recycled product.
- Significant waste reduction from installation to reconfiguration.

## Wise investment

- First-cost competitive with traditional construction.
- Installation time is cut in half.
- Moves and changes are faster
- Classified as personal property and depreciated on an accelerated schedule








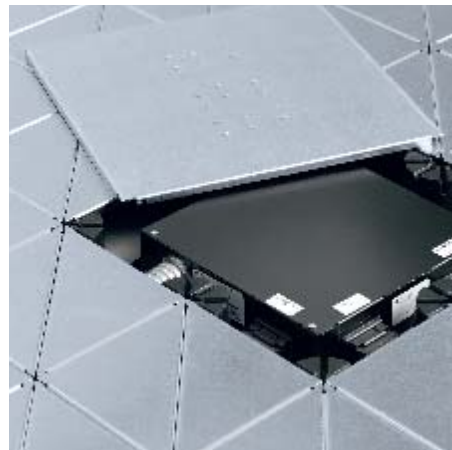
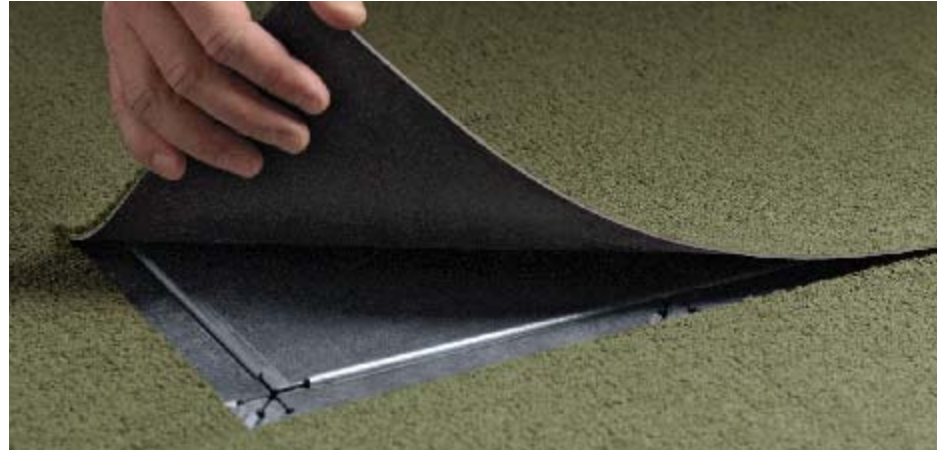
## Low-Profile Floor

An access floor with minimal impact on floor-to-ceiling height, Pathways Low-Profile Floor easily integrates into new or renovated buildings, and provides easy access to wiring systems.



## Quality tested

Type of load	Static Load Ratings			Dynamic Load Ratings		
	Concentrated 500 lbs.	Uniform 480 lbs.	Ultimate >1,250 lbs.	Rolling 10-Pass 500 lbs.	Rolling 10,000-Pass 350 lbs.	Axial 4,200 lbs.
	Applied on a 1"x1" area on the panel surface.	Applied over one square foot on surface of the panel.	Reached when the panel has failed structurally and cannot accept any additional load.	Applied by wheeled vehicles carrying loads across the floor.	Applied by wheeled vehicles carrying loads across the floor.	3" diameter indenter applied to the pedestal until the pedestal cannot accept any additional load.
						
Max. deflection	.060"	.020"	>2.5 Safety Factor	N/A	N/A	N/A
Max. permanent set	.002"	.006"	>2.5 Safety Factor	.005"	.020"	N/A



## High performance

- Factory supplied specialty tiles, such as floor box, seismic and grommet tiles, reduce installation time and provide a perfect fit and function.
- Comprehensive wall scribe and edge trim available to easily finish the floor installation. In an open application, integral ramps gracefully transition from base floor to raised floor in just 30", meeting ADA guidelines.
- Allows the use of non-plenum rated cable for significant cost savings over plenum rated cable.

## Cost-effective

- Eliminates the need for costly core drilling and trenching.
- Low-Profile Floor is personal property, providing accelerated depreciation benefit.
- Helps reduce construction schedule with rapid installation of the floor, modular power and zone cabling.
- Easy access makes adding and changing technology simple and quick.

## Room to work

Just 2½" high, Pathways Low-Profile Floor provides a nominal 2" of clearance everywhere. It accommodates Pathways Modular Power and Zone Cabling systems, providing seamless interface with Steelcase architecture and furniture products. All wiring and cabling can be accessed simply and quickly.

## Solid, sturdy

Pathways Low-Profile Floor's unique triangular steel tiles quickly slide into place on universal supports that follow the floor's contour, with no need for re-leveling or skim coating. Installation requires no adhesives or fasteners. Pathways Low-Profile Floor is tough and sturdy, and can be reused.

# Modular Power

Pathways Modular Power is designed and proven to support high performance work environments with readily adaptable power, from the electrical closet to each and every user.

## High performance

- Heavy 8- and 10-gauge wiring eliminates voltage drops over long distances — even 250' from the closet.
- Oval conduit requires less under floor clearance, ideal for low-profile floors.



Zone distribution box

## Faster installation

- Floor boxes feature built-in power blocks that utilize modular receptacles for convenient circuit designation on-site without tools or rewiring.
- Keyed components speed installation and prevent misconnections.
- Branching connectors allow circuits to be subdivided to multiple locations.



Shallow floor box



Three-way branching connector

### Full integration

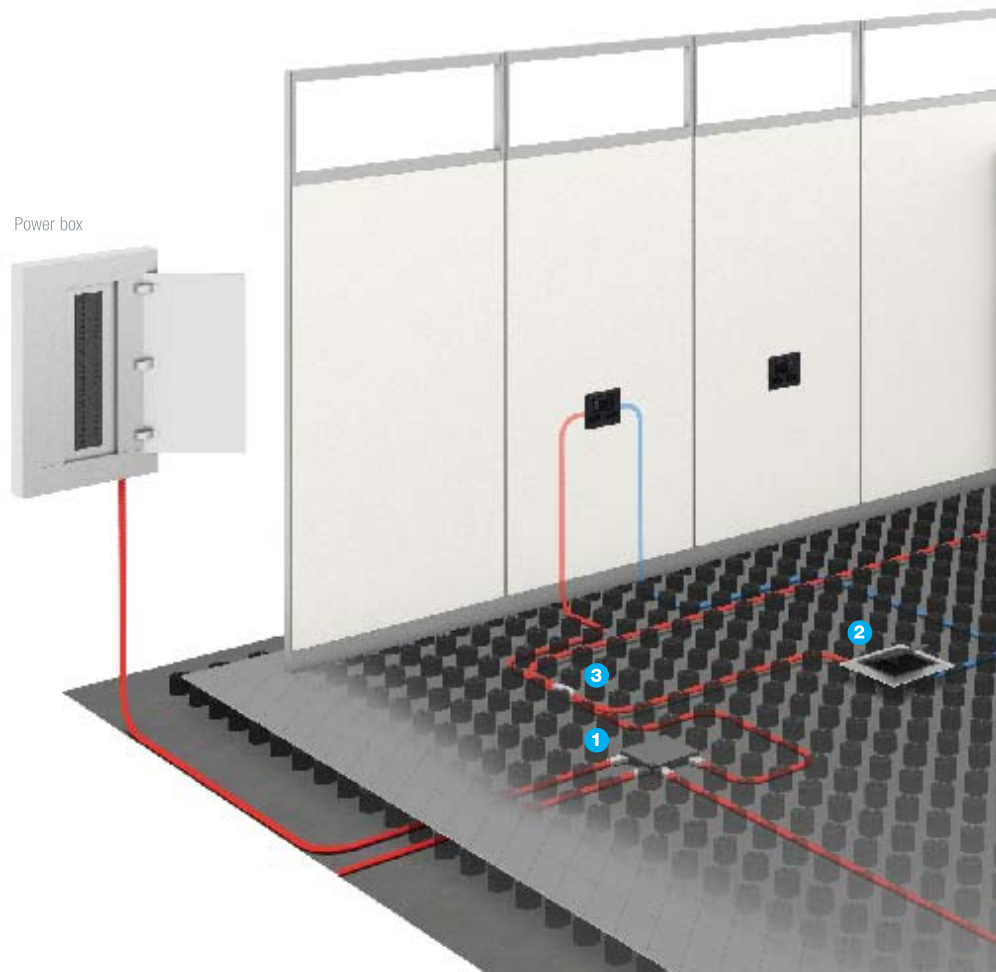
Pathways Modular Power integrates with Steelcase architecture and furniture components through modular connections. Pathways Modular Power is approved for use in air handling spaces and may be used in raised floors or ceiling plenums.

### 75% faster installation

Cut three-quarters of the install time compared to traditional pipe and wiring systems, thanks to modular components. Components of this modular wiring system just plug together, so every installation and future change is a simple and reliable one.

### Changes are quick and simple

Every component can be reused again and again. No more paying for new conduit, wiring, connectors, expensive installation and dumpsters filled with discarded single-use components.

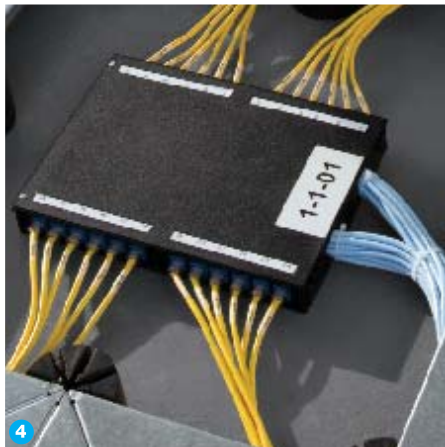


# Zone Cabling

Pathways Zone Cabling is a prefabricated zone cabling solution engineered to your specific technology needs. Simple to install, inherently flexible, and ready to grow, Pathways Zone Cabling is a key element of a high performance infrastructure.

## Easier installation

- All cables are clearly labeled at the communications rack, the consolidation point, and the user outlet, for efficient, errorless connections, and a more organized telecommunications closet.



Consolidation point

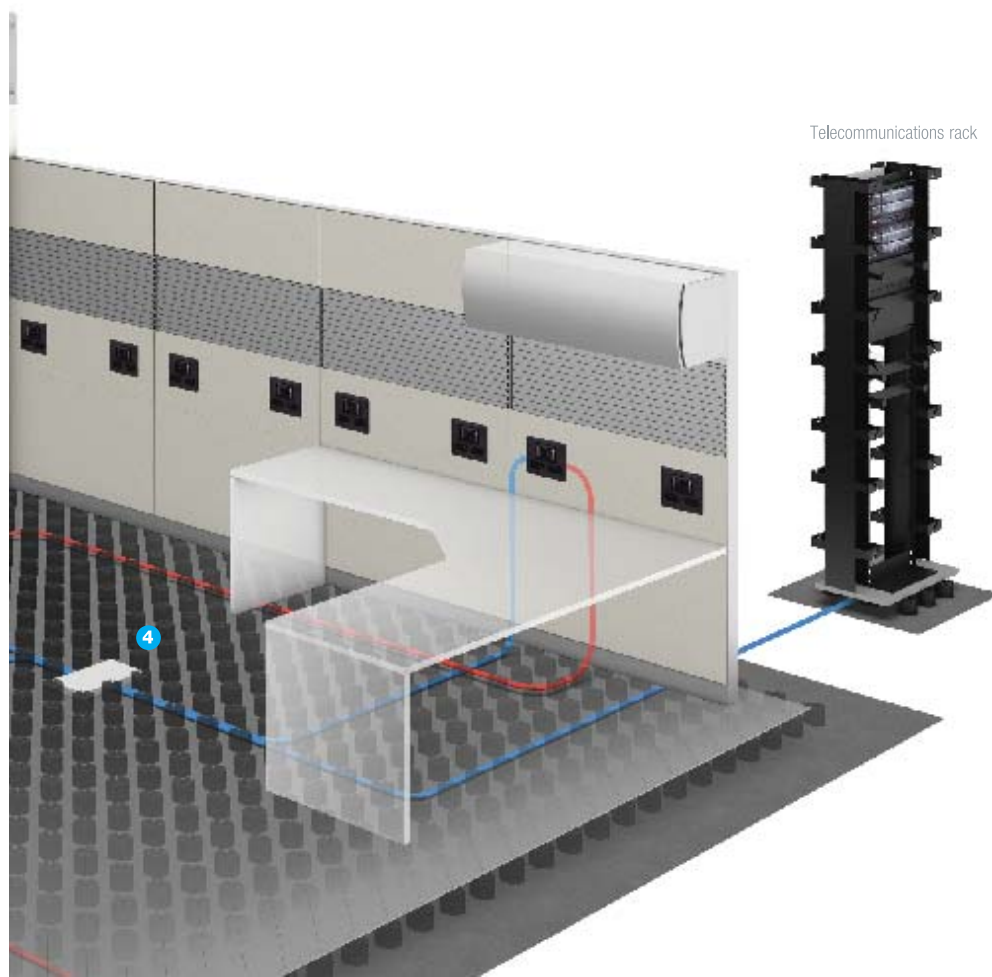
## Quality assurance

- Pathways Zone Cabling is preassembled and factory tested to ensure quality and quick on-site installation.



Preassembled zone cabling

- Each cabling system is custom designed and engineered by a Registered Communications Distribution Designer (RCDD), and is EIA/TIA compliant for reliability.
- Nonproprietary by design, Pathways Zone Cabling uses virtually any manufacturer's cabling components to meet specific customer requirements.



### What is Zone Cabling?

The zone method of horizontal cable distribution divides an entire floor of a building into zones. Cable is then run from the patch panel in the telecommunications room to a consolidation point (CP) in each zone. Individual extender cables are then run from the CP to an outlet in a workspace.

### Tested reliability

Pathways Zone Cabling is engineered to the specific needs of each job. The entire cabling network is assembled and tested in the factory prior to shipping. It arrives on the job site ready for fast installation. It's then tested after installation to ensure reliability.

### Better than a home run

Pathways Zone Cabling utilizes consolidation points with built-in capacity, so as your needs change, only 10% of the run is affected, while the remaining 90% of the cable back to the closet is untouched. All future cabling adds or changes are simple and quick.

Love how you work.™

**Steelcase®**

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