Glass Installation

Americas 2024

Guidelines for installing your new Glass board

Polyvision SURFACEMATTERS

English

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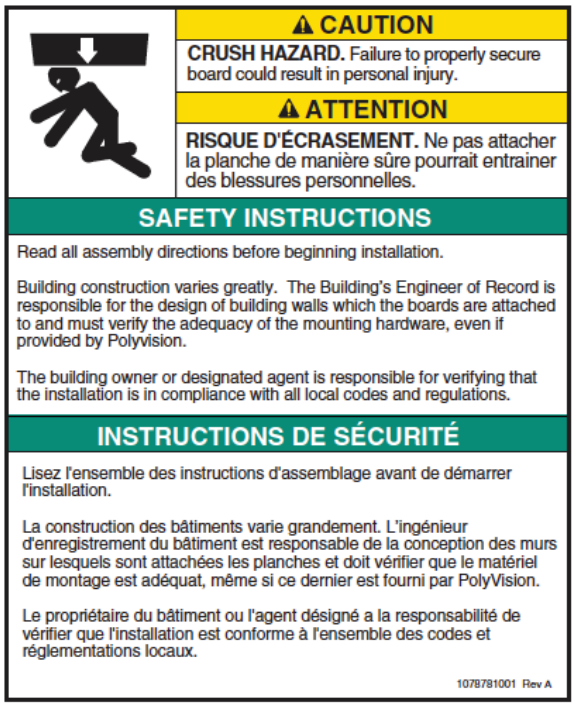
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Safety Requirements

Glass - Wall Mounted Frameless Dry Erase Board, Non-Seismic Applications

The building's Engineer of Record must be consulted to determine if there are any seismic requirements.



Verify Wall Construction

CAUTION! Adequate wall construction is required to support the weight of the board. Minimum wall construction must be capable of supporting weight amounts listed in Table 1 on page 6.

Minimum Required Wall Construction

Drywall with metal studs:

- Must be at least 25 ga. (0.018" or .5 mm thick) 33 ksi steel studs 38 mm x 89 mm (1.5" x 3.5")
- Studs on maximum 610 mm (24") centers
- Must be at least 16 mm (5/8") thick Type X gypsum drywall for the US or 12 mm (1/2") for EU
- 32 mm (#6 x 1-1/4") drywall screws on 305 mm (12") centers

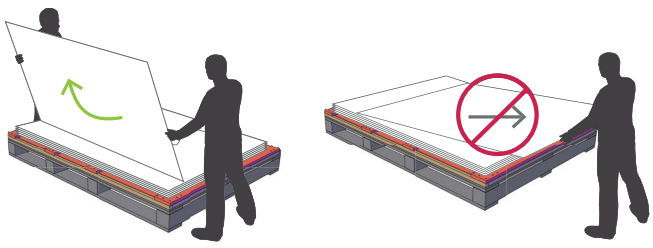
Drywall with wooden studs:

- Stud grade SPF, DF-L or Hem-Fir 38 mm x 89 mm (1.5" x 3.5")
- Studs on 610 mm (24") centers
- Must be at least 16 mm (5/8") thick Type X gypsum drywall for the US or 12 mm (1/2") for EU
- 32 mm (#6 x 1-1/4") drywall screws on 305 mm (12") centers

Handling + Storing of Panels

Handling

- When Glass panels are shipped, they are protected by craft paper or a self-adhesive transparent polyethylene film. Keep panels in the original package until installation.
- Handle with care to prevent damage.
- Never slide panels off the stack during handling. Panels should always be lifted and moved in a vertical position.
- Never place an Glass panel in a vertical position on the floor. This is to prevent damage to the edges.
- Prevent dirt from settling on and between panels to avoid surface damage, scratches or defects.
- Follow all safety instructions regarding personal protection when processing the panels.
- Protect panel surface against sawdust and sparks (metal particles).
- Glass will chip when cut or drilled with power tools. Hand-cutting can cause chipping up to approx. 2 mm from the edge. When chipping is in excess of 2 mm, please check the state of cutting tools and check that the panel is adequately supported and clamped to prevent it from vibrating.
- All cut or drilled sections should be protected against humidity with PVC tape and/or by covering/sealing profiles or sealing washers.
- For detailed processing instructions, please refer to the Glass processing instructions.



Storing

- Keep panels dry and free of debris.
- Store panels inside temps 50-90 °F (10-32 °C).
- Any panels stored outside should be protected from inclement weather conditions.
- Place panels on hard, flat surfaces that are not subject to standing water.
- Glass panels should be stacked no more than three high.
- Panels should never be stored vertically or in such a way that the corners are vulnerable to damage.

If you have a problem, question, or a request, call your local fabricator, your regional sales manager or Polyvision Customer Service. Polyvision's global customer service team can be contacted on polyvision.com.

Required Materials + Equipment

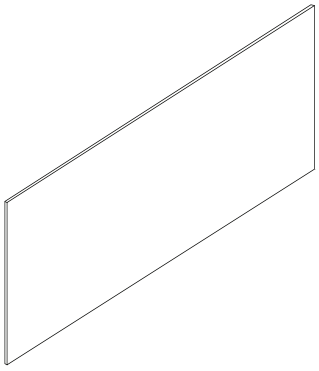
Required Equipment

- Drill
- #2 Bit
- Glass suction cup lifters (2)
- Pliers
- Pencil
- Level
- 2 or 3-step ladder
- Tape measure
- 1-1/4" drywall screws
- Wall anchors

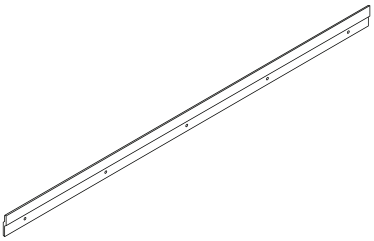
Materials Provided

NOTE: Items are not drawn to size. Quantity of brackets will vary per product due to the various widths. Drywall screws and anchors are not provided.

Refer to Table 1 for screw and anchor quantities required by size.



Glass panel(s)



Brackets*

* Table 1			
Product Size	Orientation	Brackets	Anchors / Screws
48" x 48"	-	3	15
48" x 72"	Horizontal	3	21
	Vertical	4	20
48" x 96"	Horizontal	3	33
	Vertical	4	20

Before starting the installation of Glass
Verify that the required equipment is available and material provided is accurate.
Provide adequate protection for finished floor surfaces.
All Glass installations should be carried out by two or more individuals.

Installation

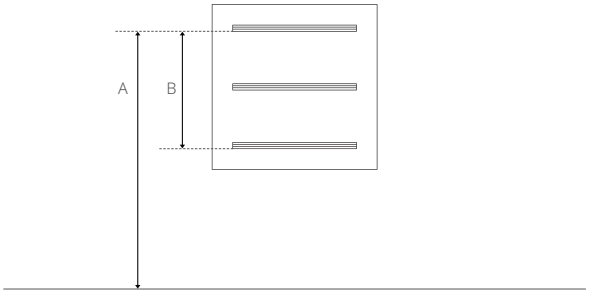
Step One

- Use appropriate mounting specification based on the size and the orientation of your Glass board

NOTE: You may drill holes in the support bracket to install into the wall stud for strongest support. Anchor into wall studs as often as possible. Mounting heights are recommendations only.

Horizontal Orientation

Product	# of Studs	Weight (lbs)
48″ x 48″	2	56 lbs
48″ x 72″	3	96 lbs
48″ x 96″	4	128 lbs



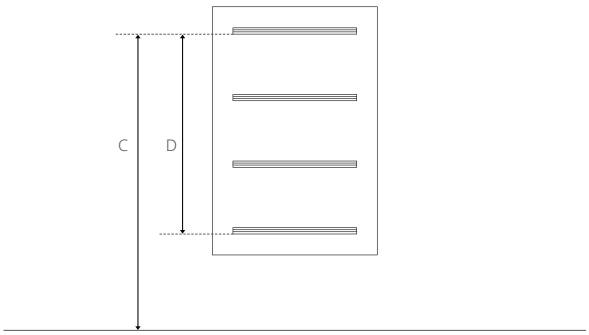
Recommended Mounting Heights

A = 77″

B = 34-1/4″

Vertical Orientation

Product	# of Studs	Weight (lbs)
48″ x 72″	2	96 lbs
48″ x 96″	2	128 lbs

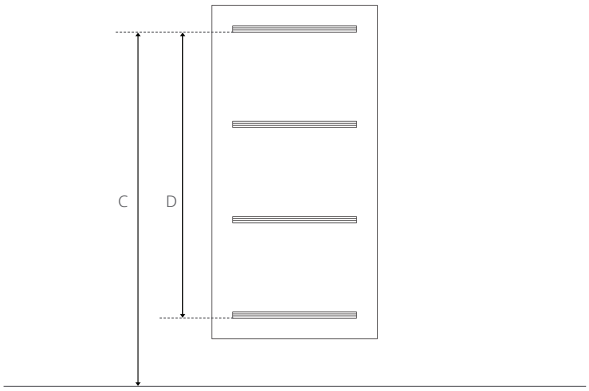


48″ x 72″

Recommended Mounting Heights

C = 69-11/16″

D = 19-3/8″



48″ x 96″

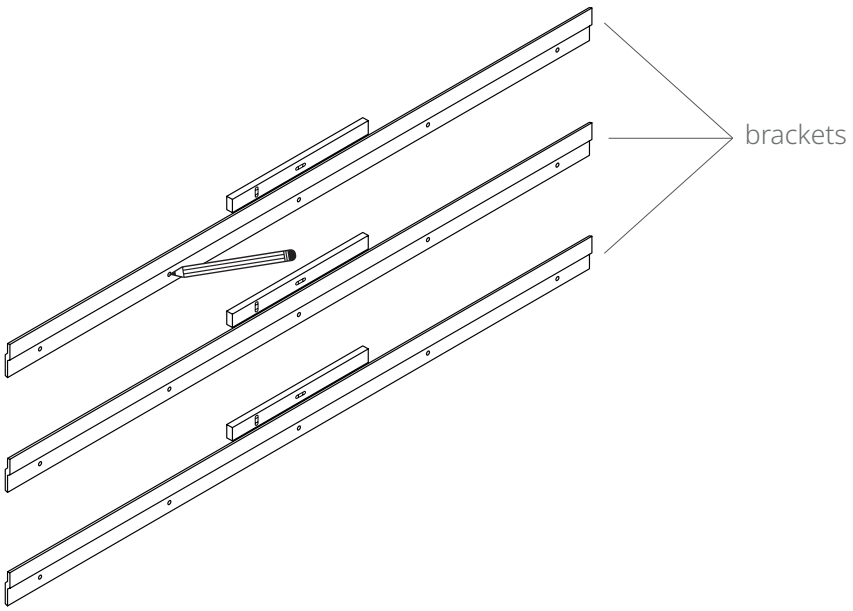
Recommended Mounting Heights

C =92-29/32″

D = 27-3/8″

Step Two

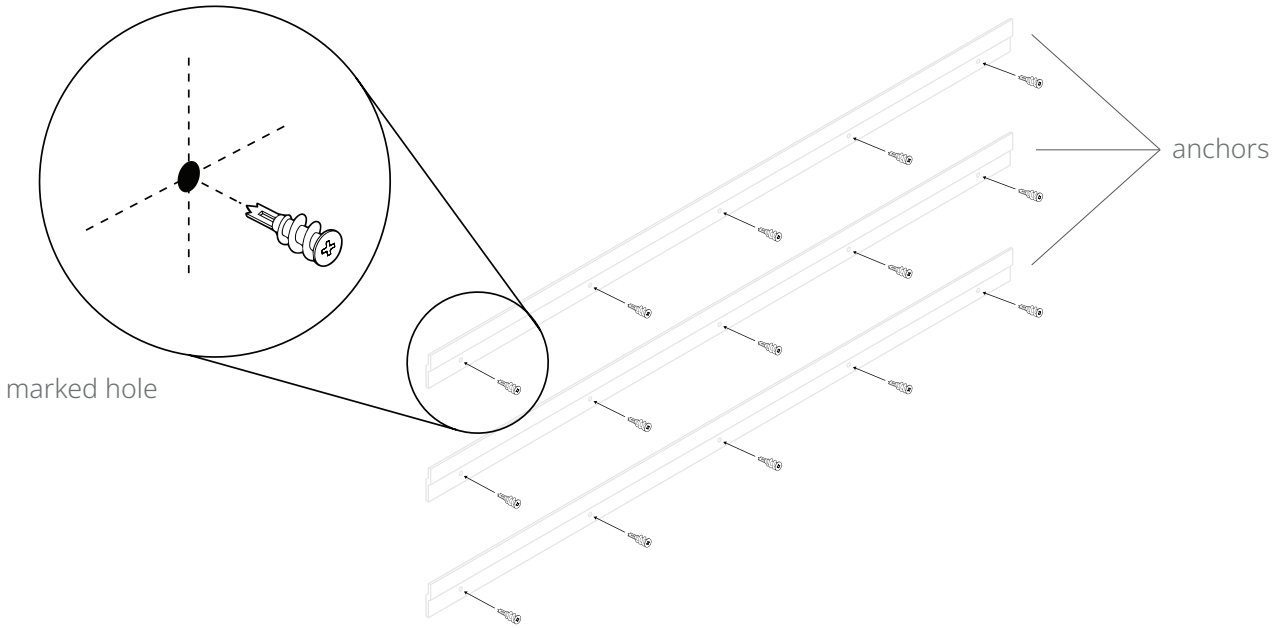
- Level brackets and mark holes onto wall. Refer to recommended mounting heights noted on page 6.



Step Three

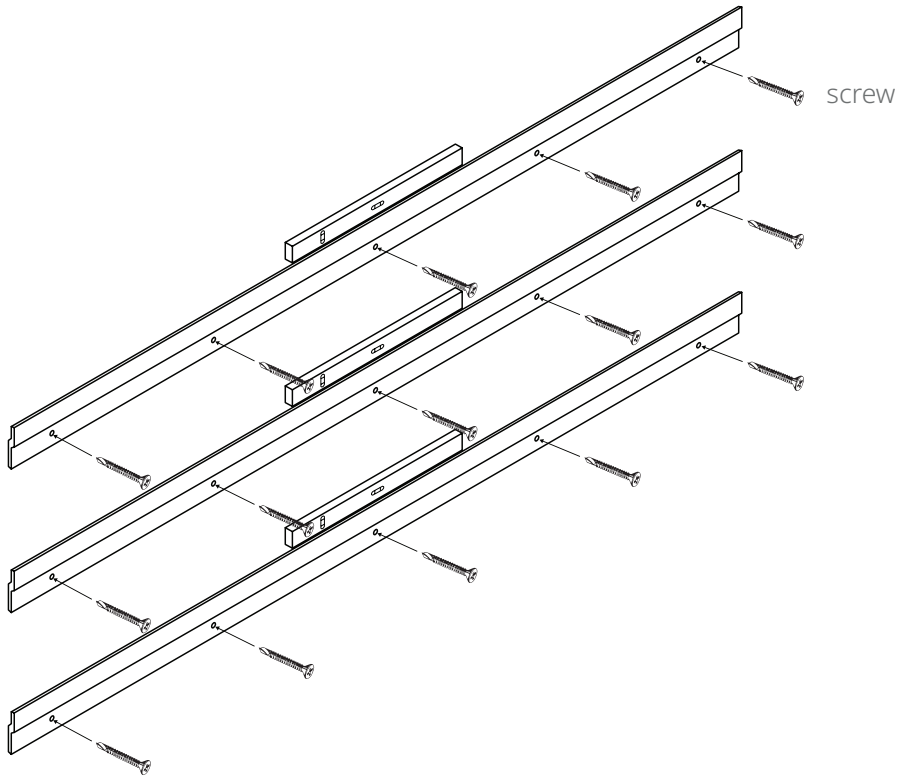
- Remove brackets from wall and install wall anchors in all hole locations that are not over a stud.

  Anchor may not be needed for stud.



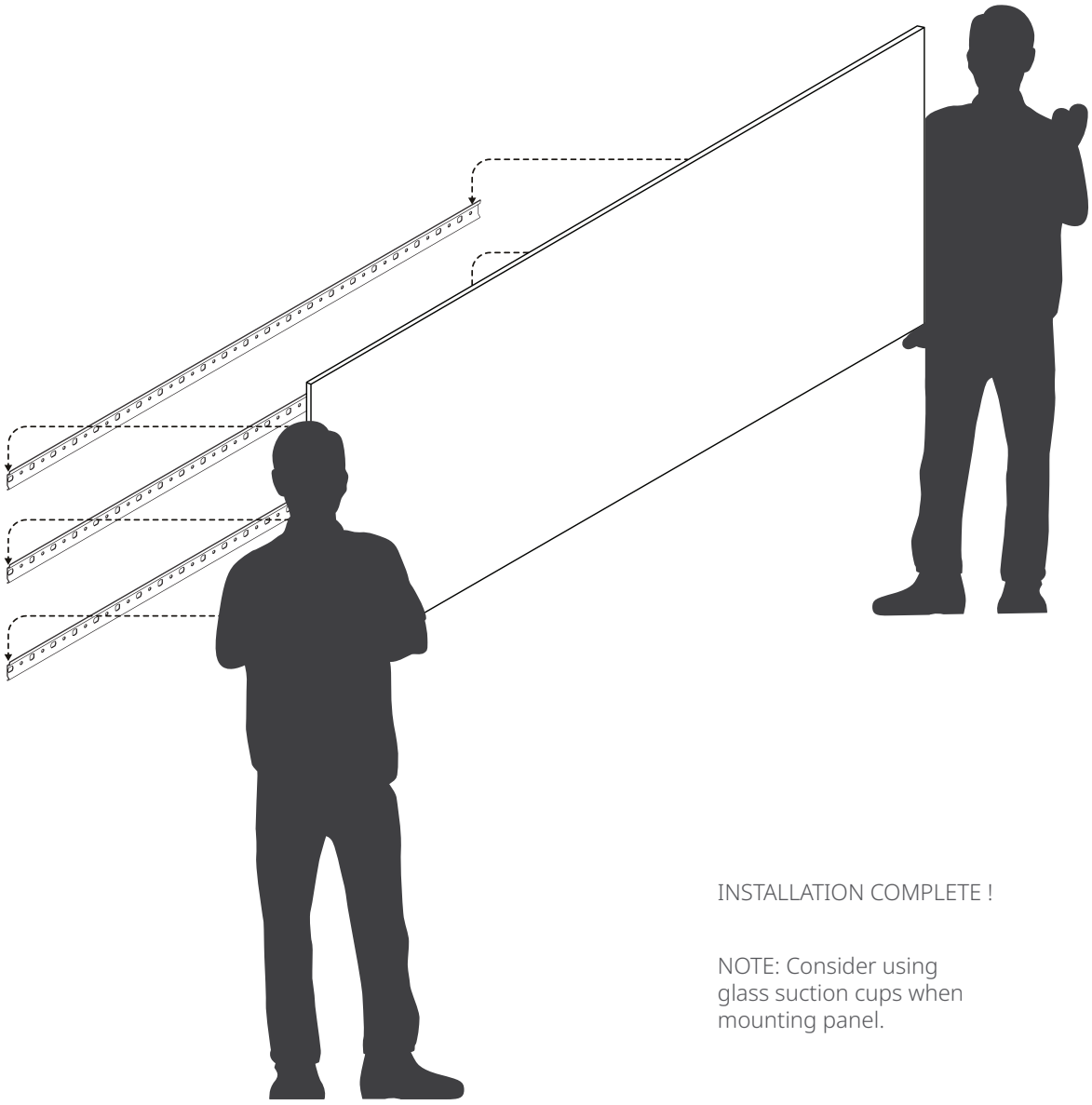
Step Four

- Re-align brackets with holes and secure using screws.



Step Five

- Lower brackets on back of the Glass board onto brackets on wall.
- IMPORTANT: Always check to ensure both top and bottom panel brackets are resting on the wall brackets.



INSTALLATION COMPLETE !

NOTE: Consider using glass suction cups when mounting panel.

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