



PARTITION WALLS INSTALLATION INSTRUCTIONS

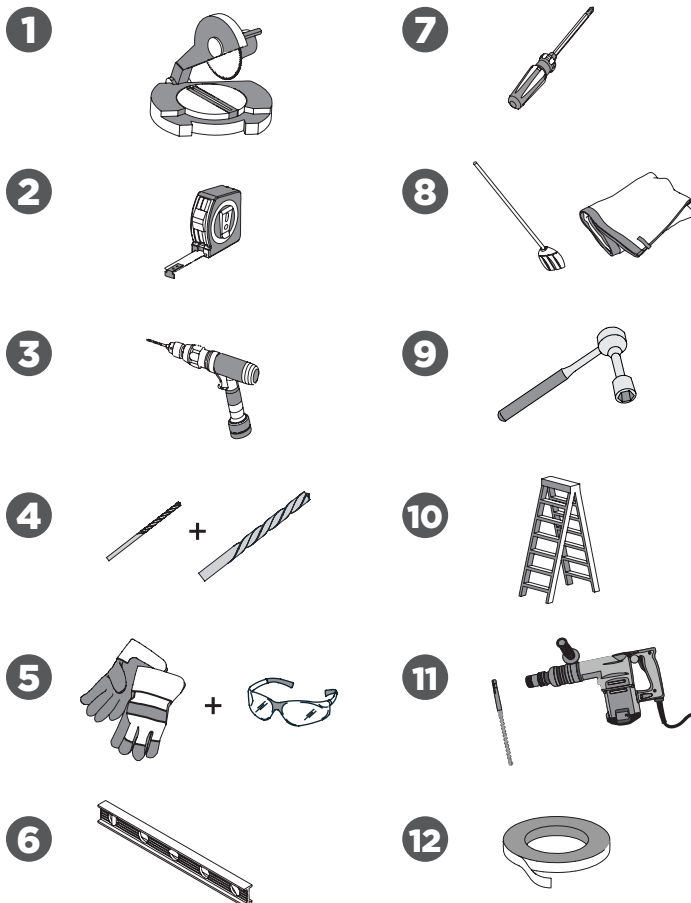


SPACE PLUS™
BY THE SLIDING DOOR COMPANY



The number of individuals required is based on the weight of the panel(s). We recommend at least 2 able individuals.

REQUIRED TOOLS:



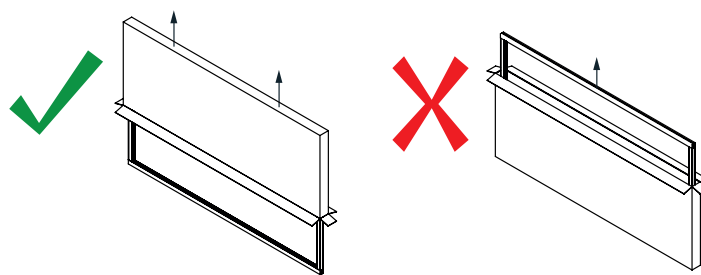
LEGEND

- | | |
|--|--|
| 1 Metal Cutting Saw | 7 Medium Phillips Screwdriver/Screw gun |
| 2 Tape Measure | 8 Broom or Vacuum & Soft Cloth |
| 3 Electric Drill | 9 Ratchet Set |
| 4 1/8" Drill Bit
#8 Countersink Bit | 10 Ladder |
| 5 Protective Gloves
and Safety Glasses | 11 Hammer Drill + 1/4"
Drill Bit |
| 6 Bubble Level | 12 Blue Painters Tape
Masking Tape |

BEFORE BEGINNING INSTALLATION

Read these instructions completely before starting.

1. Make sure there is a large, clean area to unpack and prepare the panel(s). It is recommended to leave all panels in their boxes until ready for them. This will protect them and ensure that no parts are lost. No parts within panel boxes are used for the steps here. Unpack parts and beam/column boxes only.
2. Check the boxes and packaging for any small parts before disposing.
3. All beams and columns will arrive slightly longer than the sizes ordered to be cut on site.
4. Check that all parts and pieces are present before you begin the installation. See page 3.



5. Open the box(es) containing the panel(s) from one of the long sides. Turn the box so that the open end is against the floor and lift the box off of the panel. Do not try to lift the panels out of the box by pulling on the door frames. Damage may occur to the frame and glass if handled this way.
6. Check the box for any small parts before disposing. The trim parts will be packaged in a separate box.
7. Measure the panels to make sure they are the correct height and width for the opening. The panel should be 82-1/2" tall x 35" wide.
8. The length of the Fixed Panel Base Supports and Trims are cut to length during installation.

SUGGESTED SCREWS

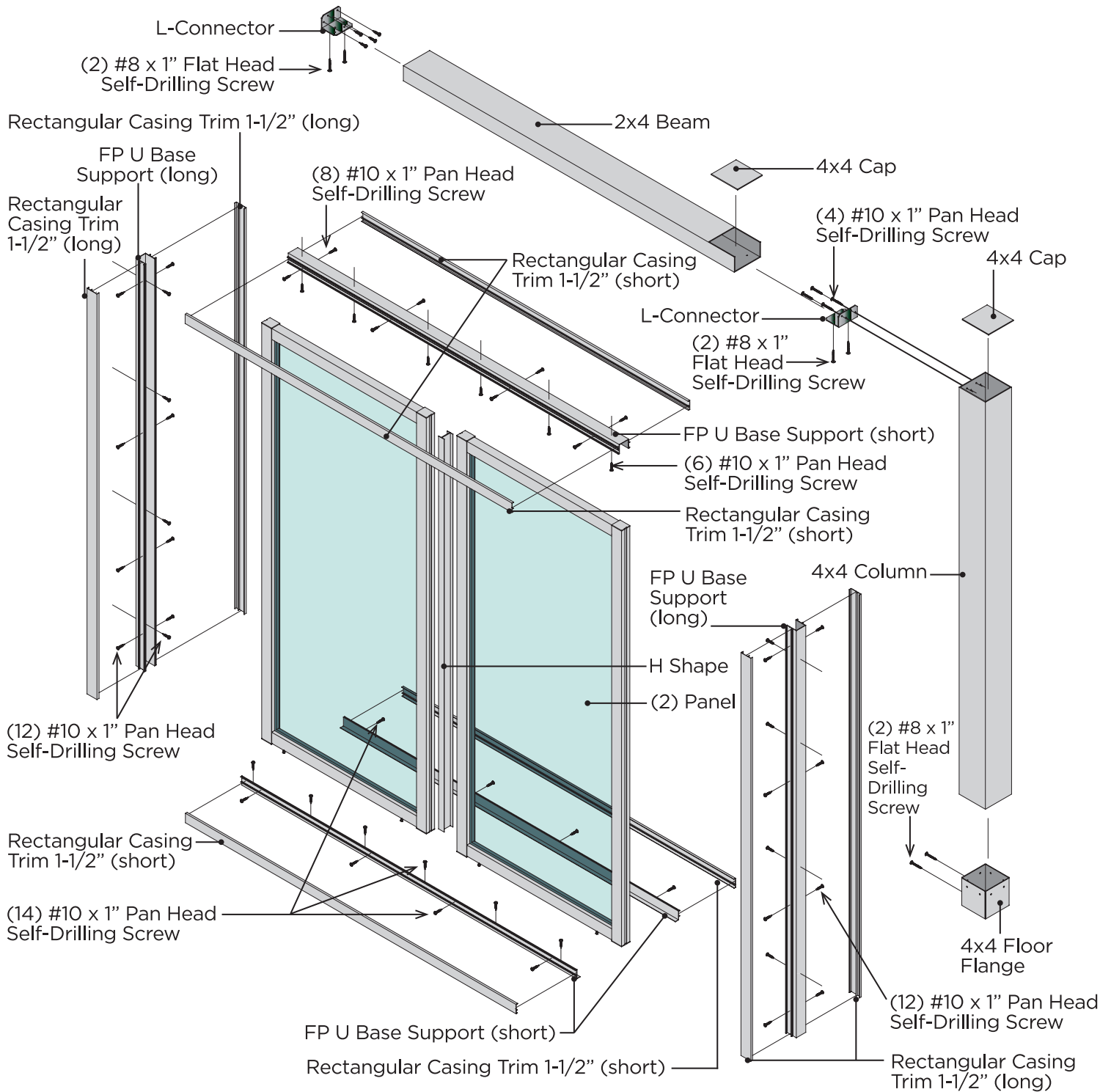
WOOD HEADER/BLOCKING: #8 Wood Screws

METAL HEADER/BLOCKING: #10 sheet metal screw w/ min. pull-out force of 200lbs each

CONCRETE FLOORING: 1/4" x 2-1/4" diameter concrete screw / anchor. w/ rating of min. 800lbs pull-out

CONCRETE HEADER/BLOCKING: Concrete plastic anchor plug for #10 x 1" screw. #10 x 1" Phillips head screw (with min. pull-out force of 800 lbs.)

Becoming Familiar with your Partition Wall System:

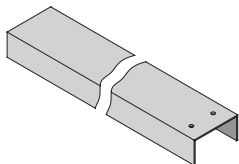


Component List:

2x4 Beam

Qty: 1

Provides system support and acts as a header for opening.



4x4 Column

Qty: 1

Provides system support.



L-Connector

Qty: 2 (Packaged with 4x4 Column)

Used to anchor beam to wall or column.



4x4 Floor Flange

Qty: 1 (Packaged with 4x4 Column)

Anchors 4x4 Column to floor.



4x4 Cap

Qty: 3 (1 extra provided) (Packaged with 4x4 Column)

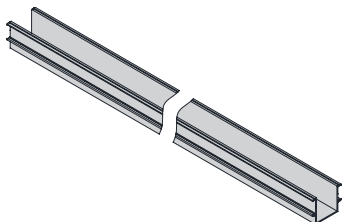
Provides a finished look at the top of a column and beam.



FP U Base Support

Qty: 1 Short (Packaged with 2x2 Beam) / 2 Long (Packaged with 4x4 Column)

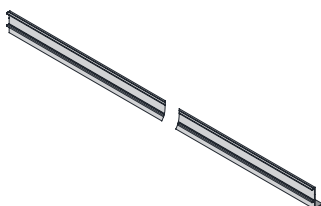
Sides and top support for panels.



FP Base Support

Qty: 2 (Packaged with 2x4 Beam)

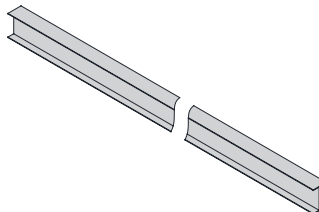
Bottom support for panels.



H Shape

Qty: 1 (Packaged with 4x4 Column)

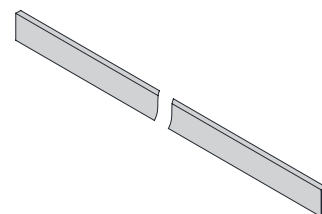
Holds center of two panels together.



Rectangular Casting Trim 1 - 1/2"

Qty: 4 Short (Packaged with 2x4 Beam) / 4 Long (Packaged with 4x4 Column)

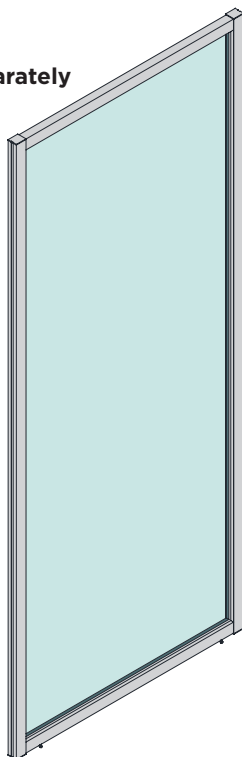
Provides a cover for attaching hardware.



Panel

Qty: 2

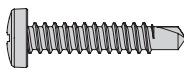
Panel Boxed Separately



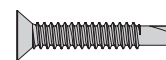
HARDWARE LIST:

Hardware Boxed with 4x4 Column

- A** #10 x 1" Pan Head Self-Drilling Screw
Qty: 58 (2 extra provided)



- B** #8 x 1" Flat Head Self-Drilling Screw
Qty: 7 (1 extra provided)



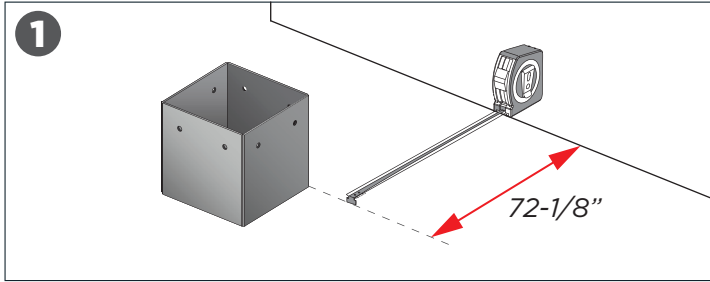
- C** Drill Bit Ø 1/8"
Qty: 1



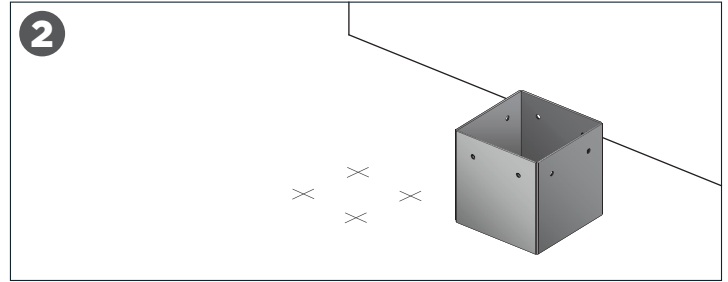
- D** Countersink Bit for #8 Screw
Qty: 1



Installing 4x4 Floor Flange to Flooring:

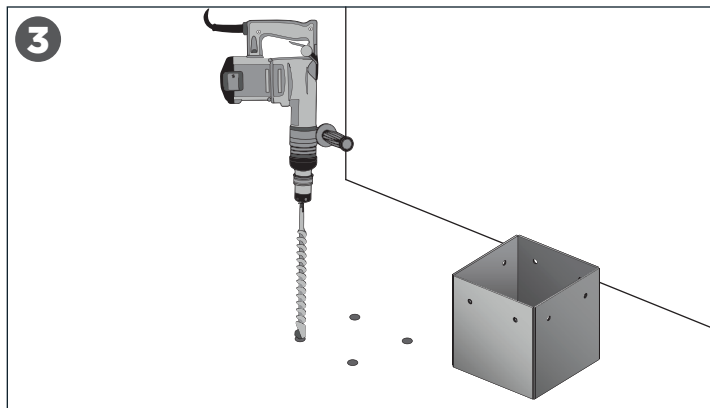


Identify the position where the floor flange will be installed. Measure 72-1/8" from the wall.

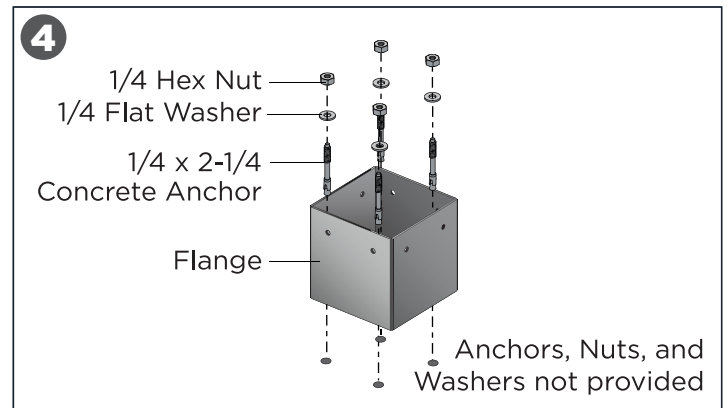


Once the floor flange location is identified, place it on the floor and mark the 4 hole locations.

For Concrete Flooring:

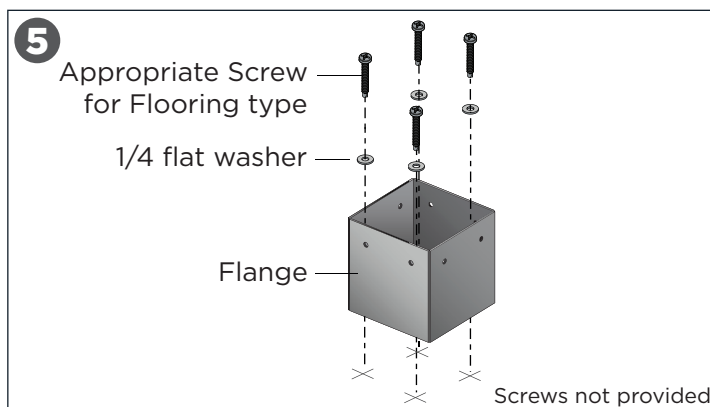


After the hole locations are marked, pre-drill the holes with a hammer drill, using a 1/4" drill bit - making sure to penetrate at least 2 1/4".

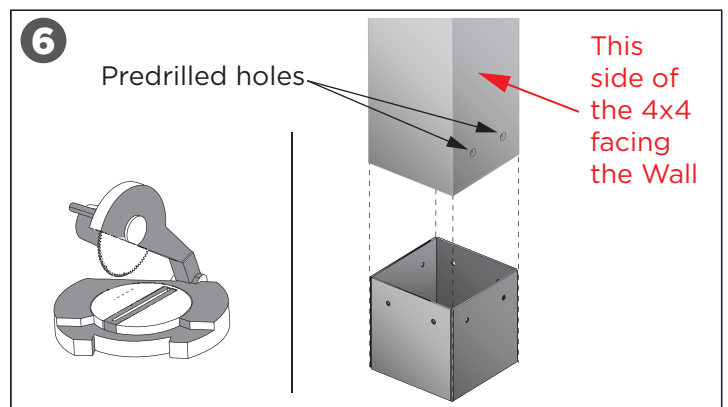


Make sure the flange is level, use shims if necessary until flange is level. Screw the flange directly to the concrete floor with concrete anchor bolts (4 bolts per flange, not provided). Tighten the hex nuts to secure the flange.

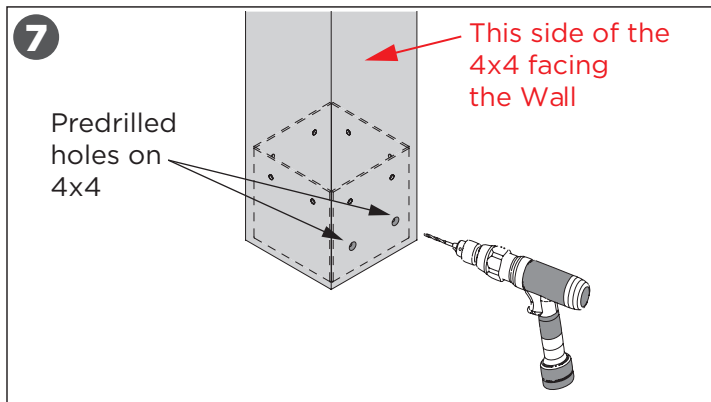
For Non Concrete Flooring:



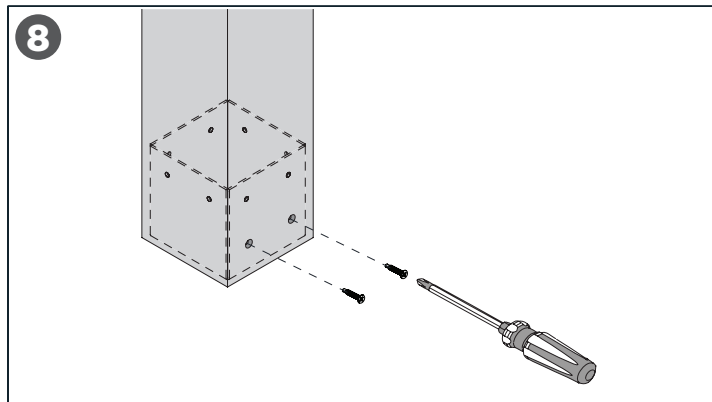
Make sure the flange is level, use shims if necessary until flange is level. Screw the flange directly to the floor with screws (4 screws per flange, not provided).



Cut 4x4 Column to 86". Make sure the pre-drilled holes on 4x4 are facing the back Wall. Place the column over the floor flange, check to verify that the column is plumb.

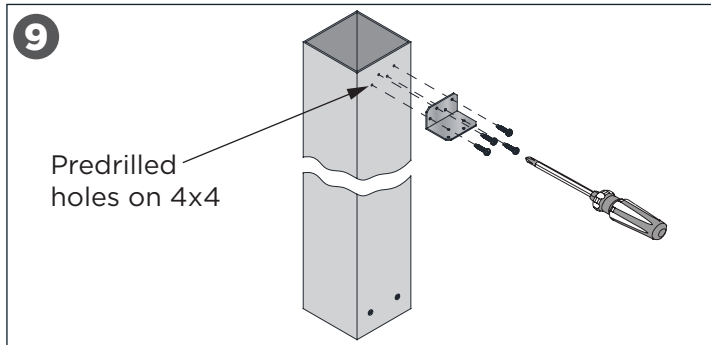


Using the predrilled holes as a guide, drill two 1/8" diameter holes through the Floor Flange. Use the provided 1/8" drill bit (Labeled C).

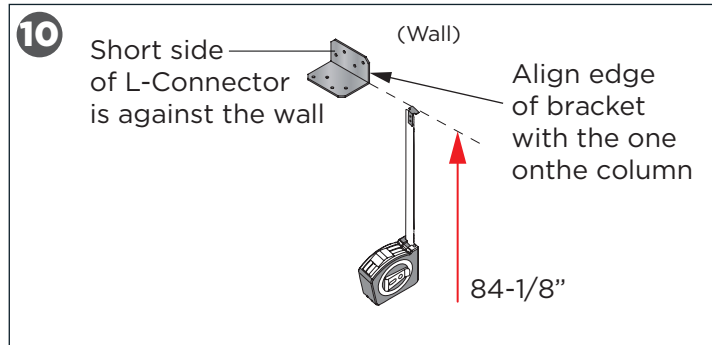


Use #8 x 1" Flat Head Self-Drilling screws (Labeled B) to secure the column to the floor flange.

L-Connector to Wall & 4x4 Column:

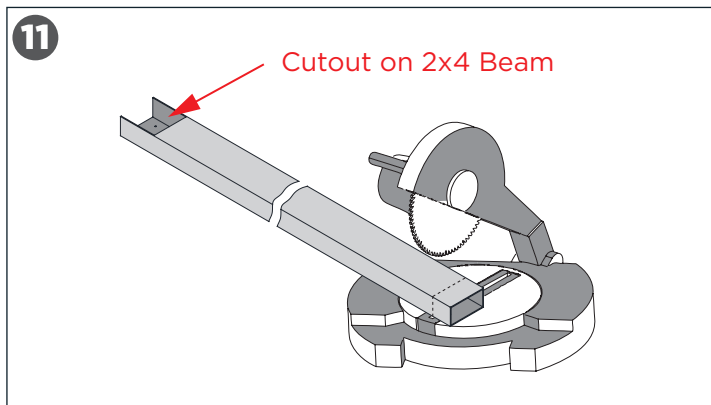


With the column already in place, align the holes on the short side of the L-Connector with the predrilled holes on the 4x4. Attach the L connectors to the column using #10 x 1" Pan Head Self-Drilling screws (Labeled A).

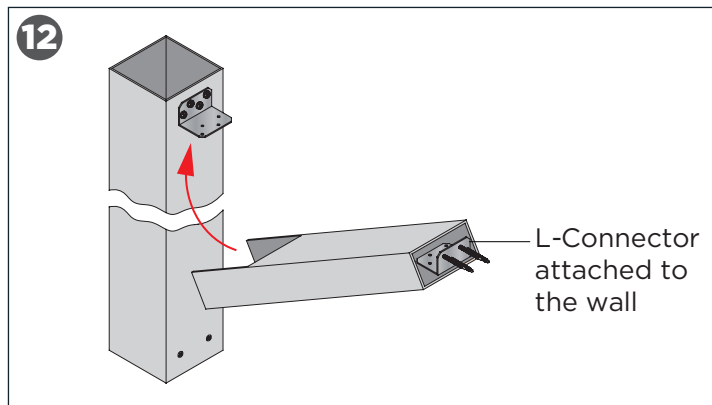


Measure 84-1/8" from floor to bottom of L-Connector Bracket. Make sure L-Connector is aligned with the L-Connector that is on the column. Attach the L-Connector to the wall with the recommended mounting hardware. (See chart)

2x4 Beam to Wall & 4x4 Column:

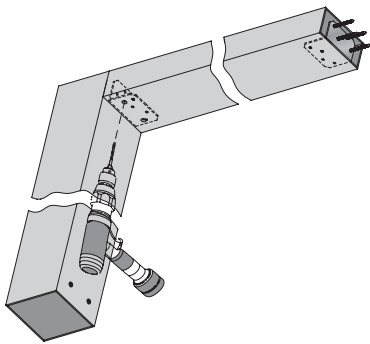


Cut 2x4 beam to 72". Make sure to cut the end opposite the cutout on the beam.



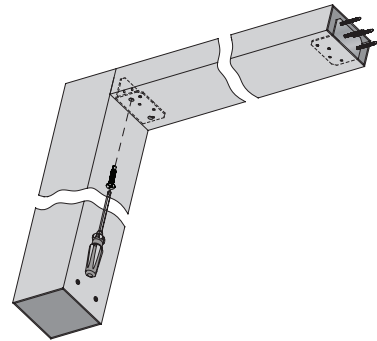
Angle the 2x4 beam and slide the side without the cutout of the 2x4 beam over the L-Connector that is attached to the wall. Pivot the beam up to be flush against the bottom of the L-Connector attached to the 4x4.

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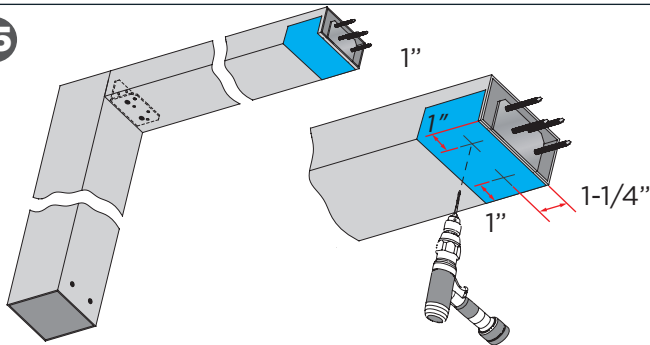
Using the predrilled holes as a guide, drill two 1/8" diameter holes through the L-Connector that is attached to the column. Use the provided 1/8" drill bit (Labeled C).

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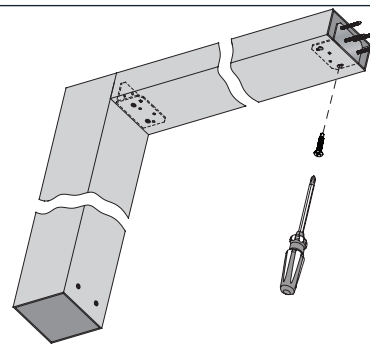
Use two #8 x 1" Flat Head Self-Drilling screws (Labeled B) to secure the 2x4 beam to the L-Connector that is attached to the column.

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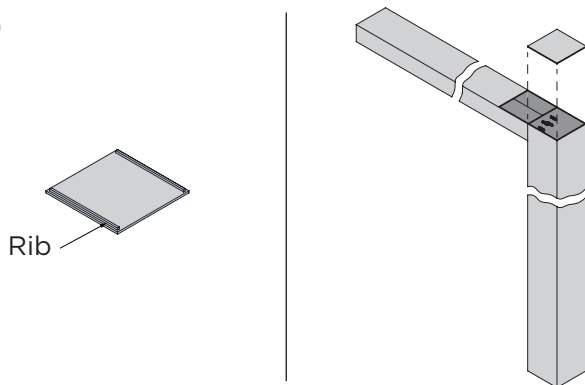
Place Blue Painters tape or Masking tape on the end of the 2x4. Measure and mark 1-1/4" from the end of the 2x4 beam and 1" inward from the sides of the 2x4 beam. Use an 1/8" diameter drill bit (Labeled C) and drill two holes through the 2x4 beam and L-Connector. Use the Countersink bit for #8 screw (Labeled D) to create countersink in those holes.

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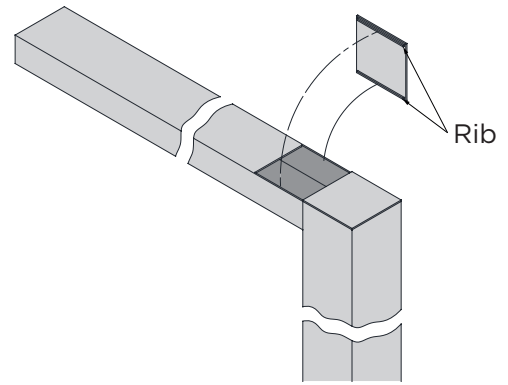
Remove Blue Painters/Masking tap. Use two #8 x 1" Flat Head Self-Drilling screws (Labeled B) to secure the 2x4 beam to the L-Connector that is attached to the wall.

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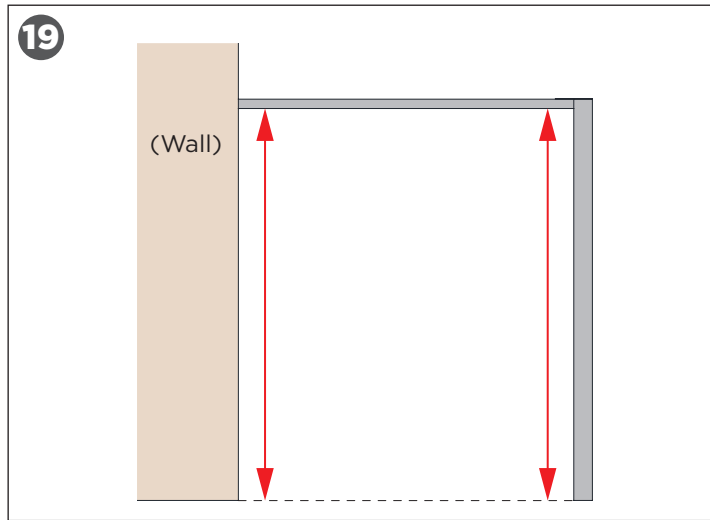
Cover the top of the column with the 4x4 Cap. Make sure the side with the ribs is facing into the column.

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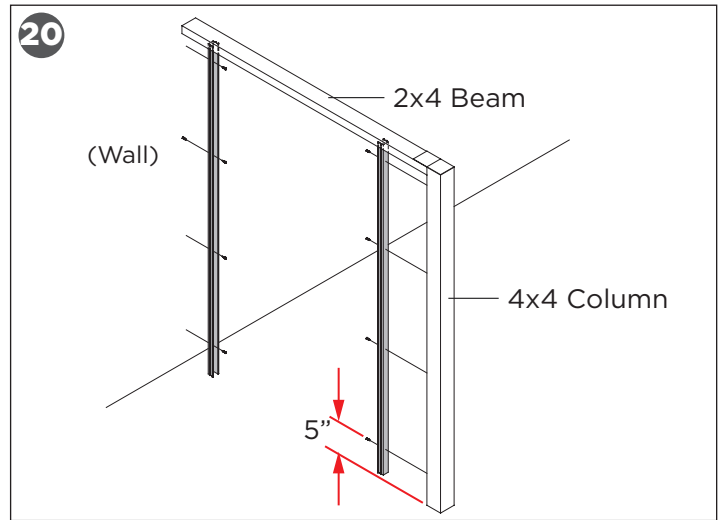


When covering the top of the 2x4 beam, make sure to line up the Ribs of the 4x4 Cap with the sides of the cutout.

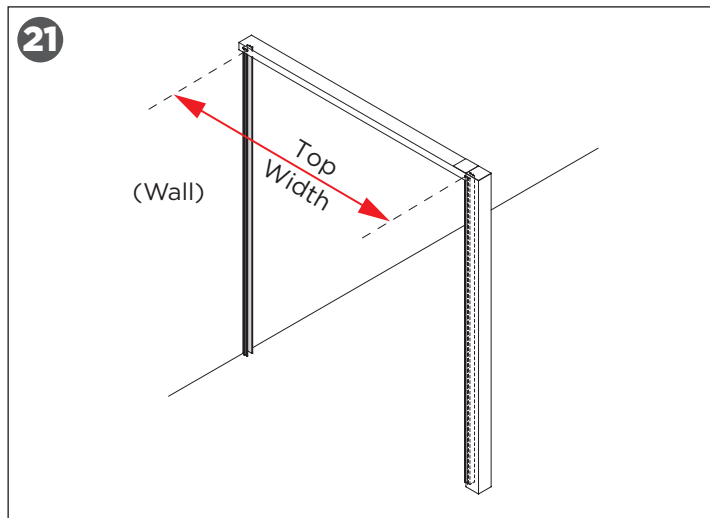
For Fixed Panel Installation:



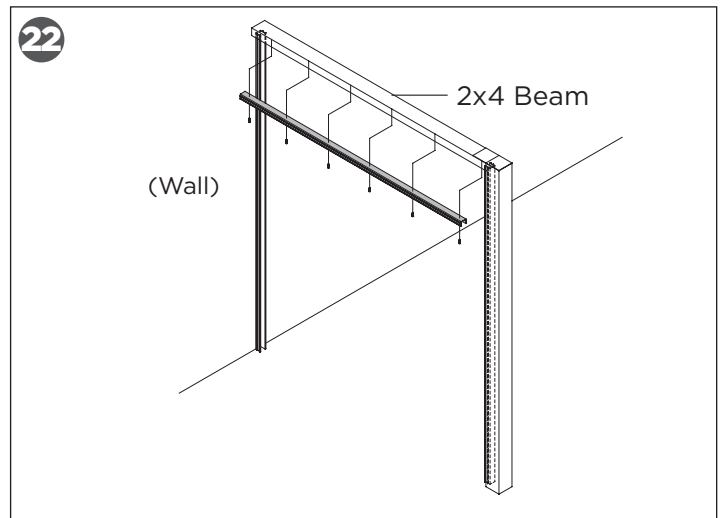
Measure the height of the opening at the left and right edge. The FP U Base Support (long) pieces will come approximately 2" longer. Cut the vertical FP U Base Support (long) to the measured heights.



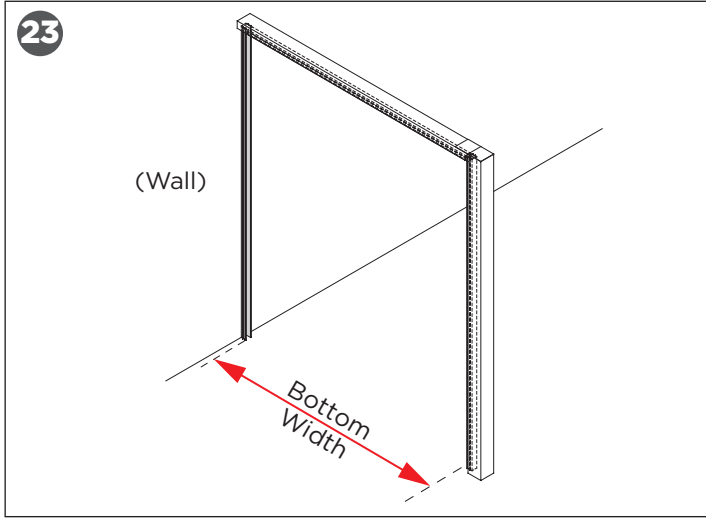
Align the center of the FP U Base Support (long) to the center of the 2x4 Beam and 4x4 Column. Drill 4 pilot holes per FP U Base Support using the 1/8" diameter drill bit (Labeled C). Make sure the bottom most hole is 5" from the ground. Secure the FP U Base Support (long) into place with a #10 x 1" pan head self-drilling screw (Labeled A).



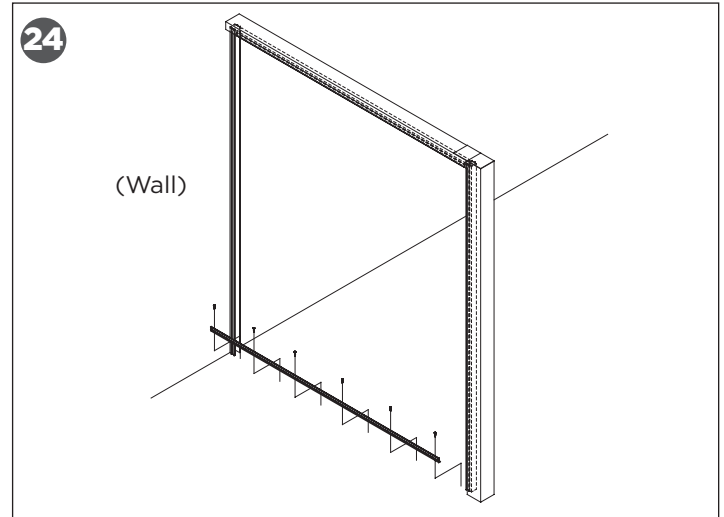
Measure the top width between the left and right Base Supports. Cut the horizontal FP U Base Support (short) to the measured length minus 1/4".



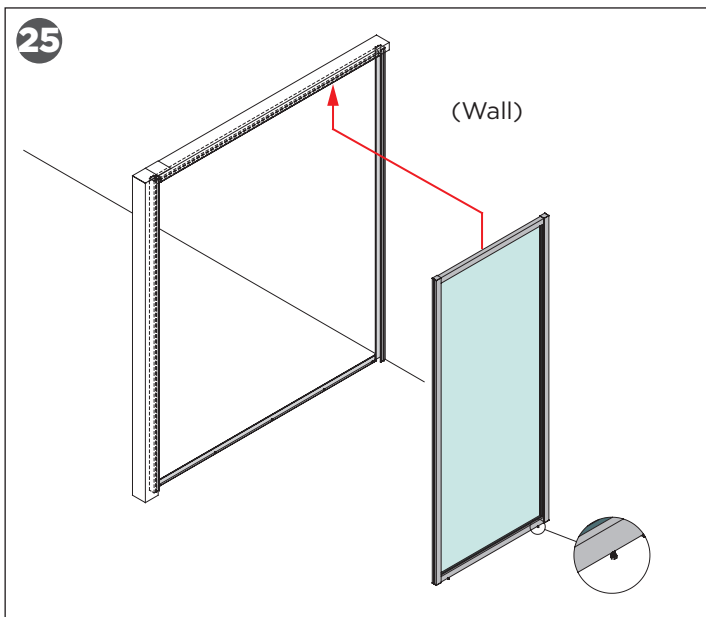
Align the center of the FP U Base Support (short) to the center of the 2x4 Beam. Drill 6 pilot holes on the FP U Base Support using the 1/8" diameter drill bit (Labeled C). Center the horizontal FP U Base Support between the left and right Base Supports. Secure the FP U Base Support (long) into place with a #10 x 1" pan head self-drilling screw (Labeled A).



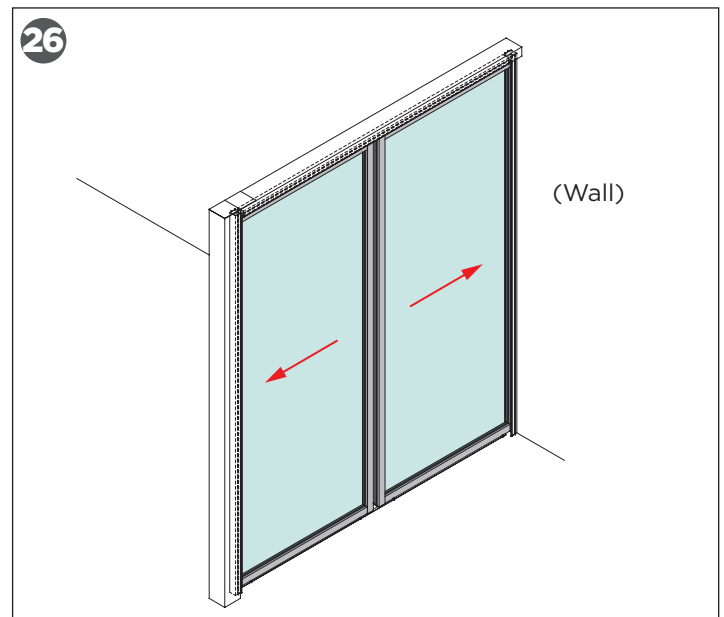
Measure the bottom width between the left and right Base Supports. Cut two of the horizontal FP Base Support (short) to the measured length minus 1/4".



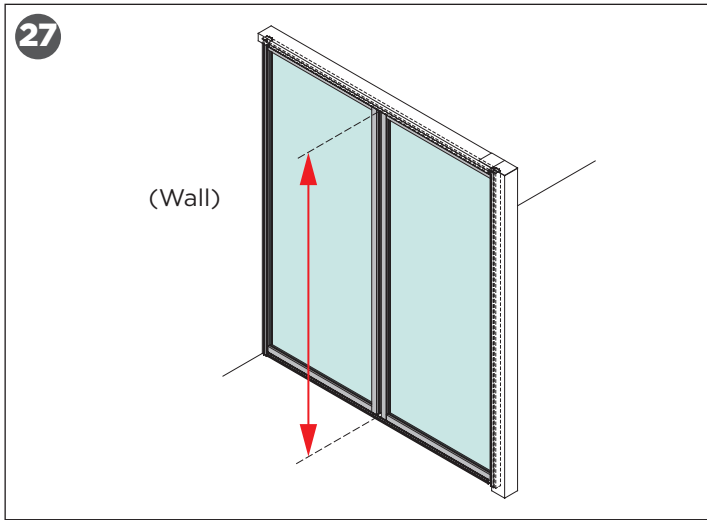
Align the front face of the FP Base Support with the Left and Right FP U Base Support. Center one of the horizontal FP Base Support between the left and right Base Supports. Drill 6 pilot holes on the FP U Base Support using the 1/8" diameter drill bit (Labeled C). Secure the FP Base Support into place with the appropriate screws. If wood flooring, you can use our provided #10 x 1" screws (Labeled A).



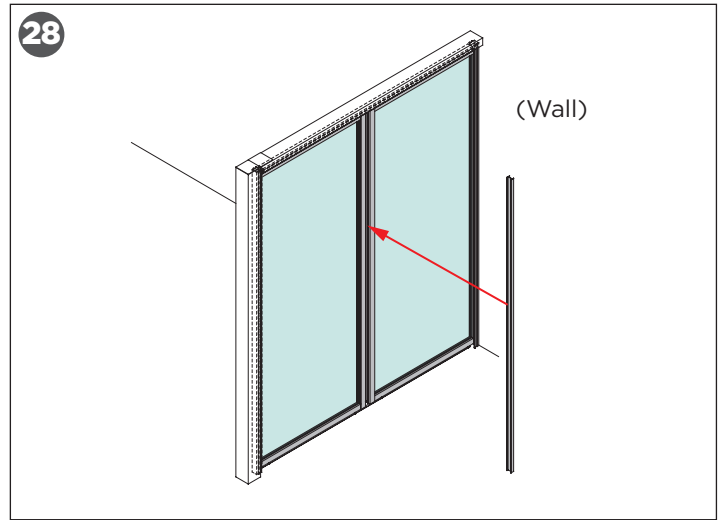
Insert the top of the first panel into the upper FP U Base Support and slide to one side. Rotate the bolts under the panel to adjust the height leveling the panel.



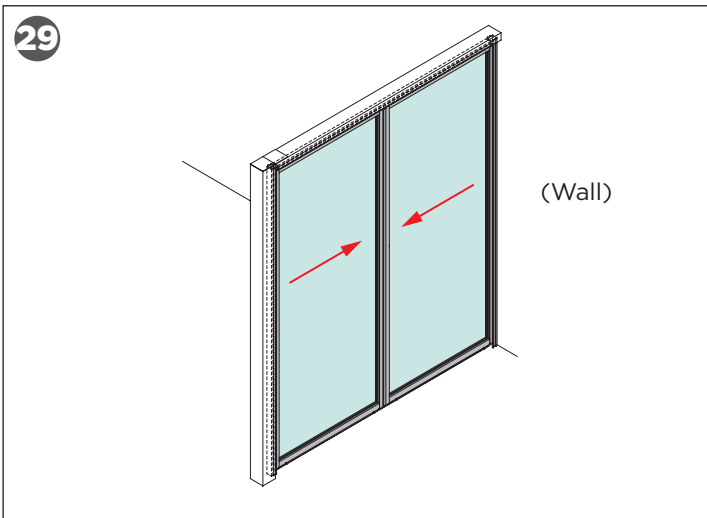
Insert the top of the second panel into the upper FP U Base Support and slide to the other side. Rotate the bolts under the panel to adjust the height leveling the panel.



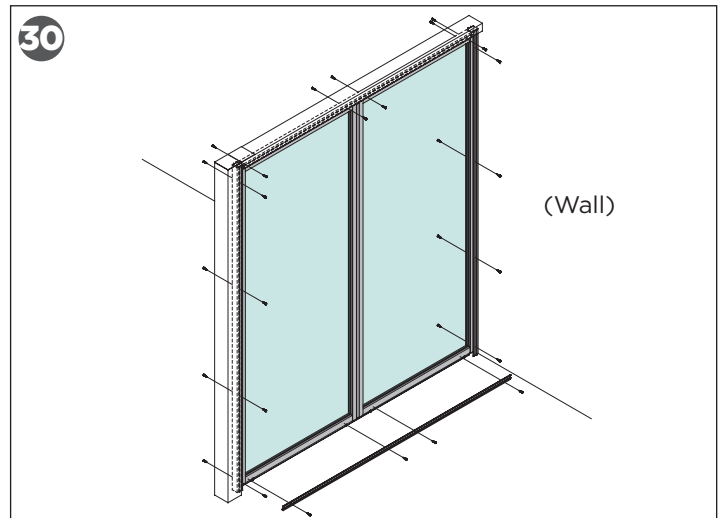
Measure the distance between the top FP U Base Support and the bottom FP Base Support. Cut one of the H Shape to the measured length minus 1/16".



Insert the H Shape in between the two panels. Slide the panels into the sides of the H Shape. Center the panels within the opening. If needed, readjust the height of the panels by rotating the bolts on the bottom of the panel.

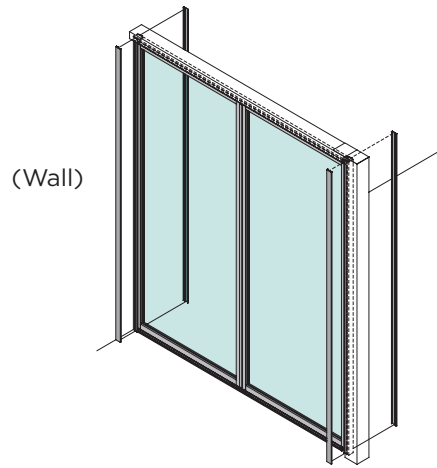


Center the panels within the opening. If needed, readjust the height of the panels by rotating the bolts on the bottom of the panel.



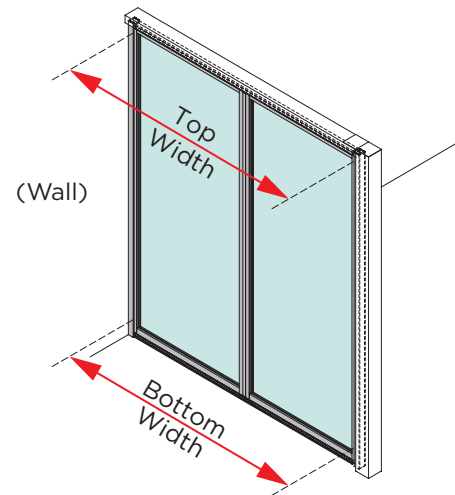
Secure the panel by screwing the FP U Base Support and panel together. Attach the remaining bottom FP Base Support by screwing the onto the panel using 4 of the #10 x 1" pan head self-drilling screw (Labeled A). For the other 7 sides, secure the panels by screwing the Base Supports and panel together using 4 #10 x 2" pan head self-drilling screws (Labeled A) per side.

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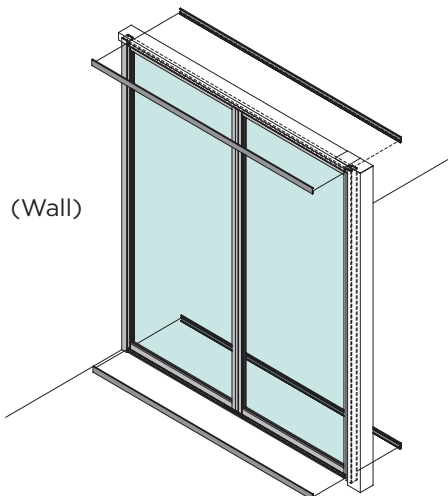
Cut four vertical Rectangular Casing Trims (long) to the exact height of your opening (left and right side). Snap the vertical Rectangular Casing Trims onto the vertical Base Supports.

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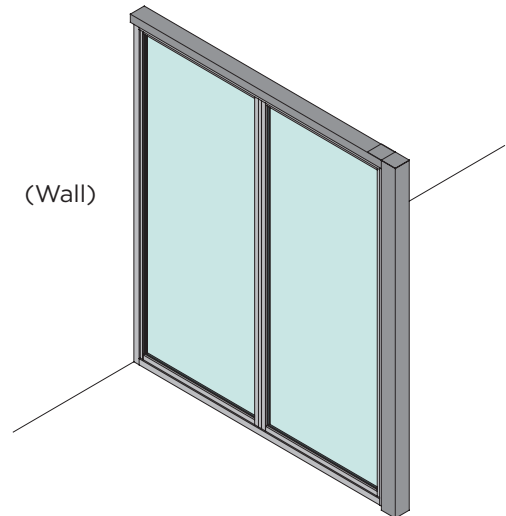


Measure the top width and bottom width between the inner edge of the vertical Rectangular Casing Trims. Cut four horizontal Rectangular Casing Trims (short) to your measured lengths.

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Snap the horizontal Rectangular Casing Trims onto the horizontal Base Supports.



This concludes the instructions for the Partition Wall System.