

Indow Mullion Guide

An Indow Mullion is an aluminum 'H' profile that installs inside of a window frame to divide large window frames into smaller, more manageable units. It is purchased to the nearest linear foot, and we offer the service to trim it to size. We include all hardware for installation. Specialty 'F' bar profile is available for inside corners.

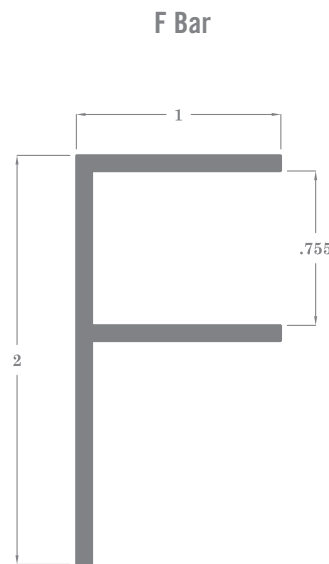
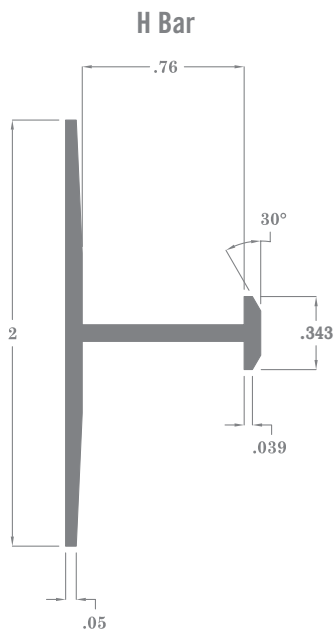
CONSIDER THE INDOW MULLION WHEN:

- Windows are too large for Indow inserts.
- Usability is a concern.
- You want to preserve the operability of a sash while leaving the other Indow insert installed.

The Indow Mullion can be painted to match the existing frame or tubing colors or purchased in white, brown or black. The 'F' bar is only available in a "mill" finished aluminum.

Kit includes:

'H' Bar
Mounting Brackets and Screws



NOTE: This guide includes instructions for installing brackets, measuring with only the brackets in place, and installation once inserts and mullion have been delivered. For alternate installation techniques or when using 'F' bars, you will need to completely install the bar and hardware before measuring.

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Horizontal Split

WHAT YOU WILL NEED:

- 2 'L' brackets
- 2 screws per bracket
- Drill with 1/16" drill bit
- #1 phillips bit screw driver
- Pencil
- Tape Measure
- Laser Measuring Device

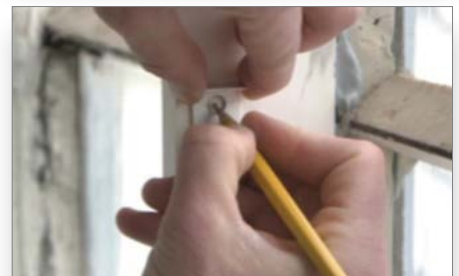
BRACKET INSTALLATION

1. Determine placement of the window split. We recommend using an existing visual line, like a window frame, sash or divide, if present.
2. Measure from the bottom of the frame up to the point at which the mullion is desired and mark the frame with a pencil. ******
3. Repeat for other side.
4. Position an 'L' bracket so that your pencil mark is at the TOP of the bracket and mark a center point for each counter-sunk hole.
5. Repeat for the other side.
6. Pre-drill each marked center point.
7. Once holes are drilled on both sides, secure the 'L' brackets with the screws provided.

****MAKE SURE** you position the bracket at the correct depth or frame step within the frame.



2.



3.



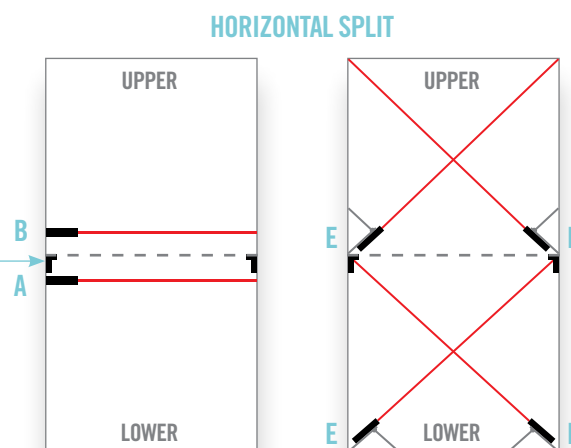
7.

Indow Mullion Guide

Horizontal Split continued

MEASUREMENT

1. Follow the instructions included with your Laser Measure Kit to capture the six measurements for each of the openings.
 - a. When measuring the “A” value for the **bottom panel**, place the laser tool just below the ‘L’ bracket and shoot straight across the window frame.
2. Double check your measurements. The “B” value for the upper insert should be nearly the same as the “A” value for the lower insert.
3. Enter all data into the Measure by Indow portal, check and save.
 - a. When entering your measure data into the Measure by Indow portal, designate “upper” or “lower” in the Location field. This will be labeled on each insert so you know the correct location to install each panel.



1. Product & Frame Details

Shape:

Room:

Location:

1. Product & Frame Details

Shape:

Room:

Location:

- b. If your measurements do not pass validation, try adding .1" to BOTH your “E” and “F” values to account for the thickness of the bracket. Do this up to 3 times for a **maximum adjustment** of .3".

INSERT INSTALLATION

1. Receive and un-package inserts and mullion bar, ensuring that you’ve identified which panel should be installed on the top of the split and which one should be installed on the bottom.
2. If the mullion bar was not ordered pre-cut, you will need to measure the opening and cut it now.
 - a. Measure the distance across the frame at the specific location the mullion will be installed.
 - b. Measure and cut the aluminum bar using any saw with a metal-cutting blade.
3. Lay the mullion in place on top of the previously installed brackets.
4. Install the Indow inserts.
 - a. Install the TOP insert FIRST to compress the mullion down on top of the ‘L’ brackets.
 - b. When installing the bottom/lower insert, install the TOP of the panel first, so it nests in the channel of the mullion.

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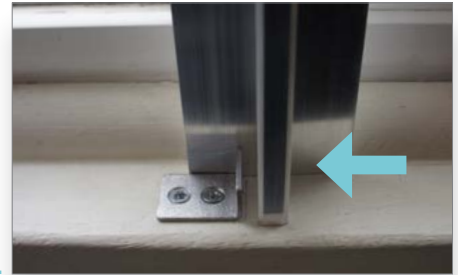
Vertical Split

BRACKET INSTALLATION

For a vertical installation, you may need to install two sets of 'L' brackets on either side of the mullion to hold it firmly in place.

1. Determine placement of the window split. We recommend using an existing visual line, like a window frame, sash or other divide, if available.
2. On the window frame header, measure from the left of the frame to the point at which the mullion divider is desired and mark the frame with a pencil.**
3. Repeat on the bottom of the window sill.
4. Position an 'L' bracket in the top of the frame so that your pencil mark is at the RIGHT of the bracket and mark a center point for each counter-sunk hole.
5. Repeat on the bottom of the frame.
6. Pre-drill each marked center point.
7. Once holes are drilled on top and bottom, secure the 'L' brackets with the screws provided.
8. On the bottom of the window frame, place the mullion sample against the installed 'L' bracket.
9. Place the other loose bracket inside the mullion channel and mark the location of the hole in the bracket.
10. Remove the mullion divider and pre-drill marked center point and secure 'L' bracket in place with the screws provided.
11. Repeat steps 8-10 for the top of the window frame.

**MAKE SURE you position the bracket at the correct depth or frame step within the frame.



8a.



8b.



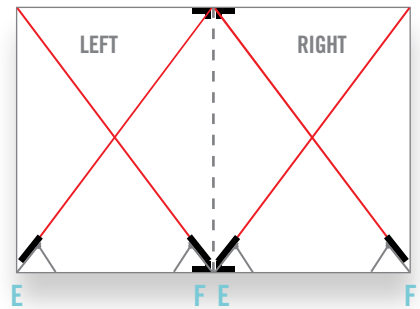
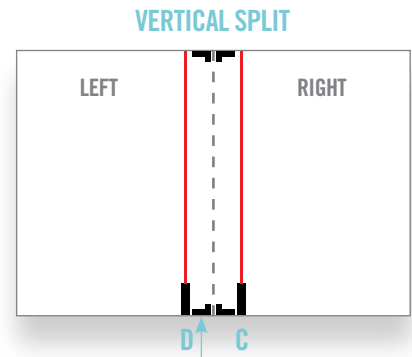
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Indow Mullion Guide

Vertical Split continued

MEASUREMENT

- Follow the instructions included with your Laser Measure Kit to capture the six measurements for each of the openings.
 - When measuring the “D” value of the left panel and the “C” value of the right panel, ensure your laser tool is flush against the window frame, not resting on the ‘L’ bracket, and shooting straight up to the top of the window frame. These values should nearly be the same.
- Enter all data into the Measure by Indow portal, check and save.
 - If your measurements do not pass validation, try adding .1" to your “E” and “F” values to account for the thickness of the bracket. Do this up to 3 times for a *maximum adjustment* of .3"
 - When entering your measure data into the Measure by Indow portal, designate “left” or “right” in the Location field. This will be laser etched on each insert so you know the correct location to install each panel.



1. Product & Frame Details	
Shape	Rectangle
Room	Dining
Location	Left

1. Product & Frame Details	
Shape	Rectangle
Room	Dining
Location	Right

INSERT INSTALLATION

- Receive and un-package inserts and mullion bar, ensuring that you've identified which panel should be installed to the right of the split and which one should be installed on the left.
- If the mullion bar was not ordered pre-cut you will need to measure the opening and cut it now.
 - Measure the distance across the frame at the specific location the mullion will be installed.
 - Measure and cut the aluminum bar using any saw with a metal-cutting blade.
- Place the 'H' bar against the previously installed brackets, so one set of brackets is nested in the 'H' channel.
- Position the second top bracket so the pre-drilled hole is properly aligned, and secure into place.
- Repeat on the bottom.
- Install the Indow inserts, taking care to install the side that will be nested in the mullion first.

For alternate installation techniques or different mullion profiles, you will need to completely install the bar and hardware before measuring.