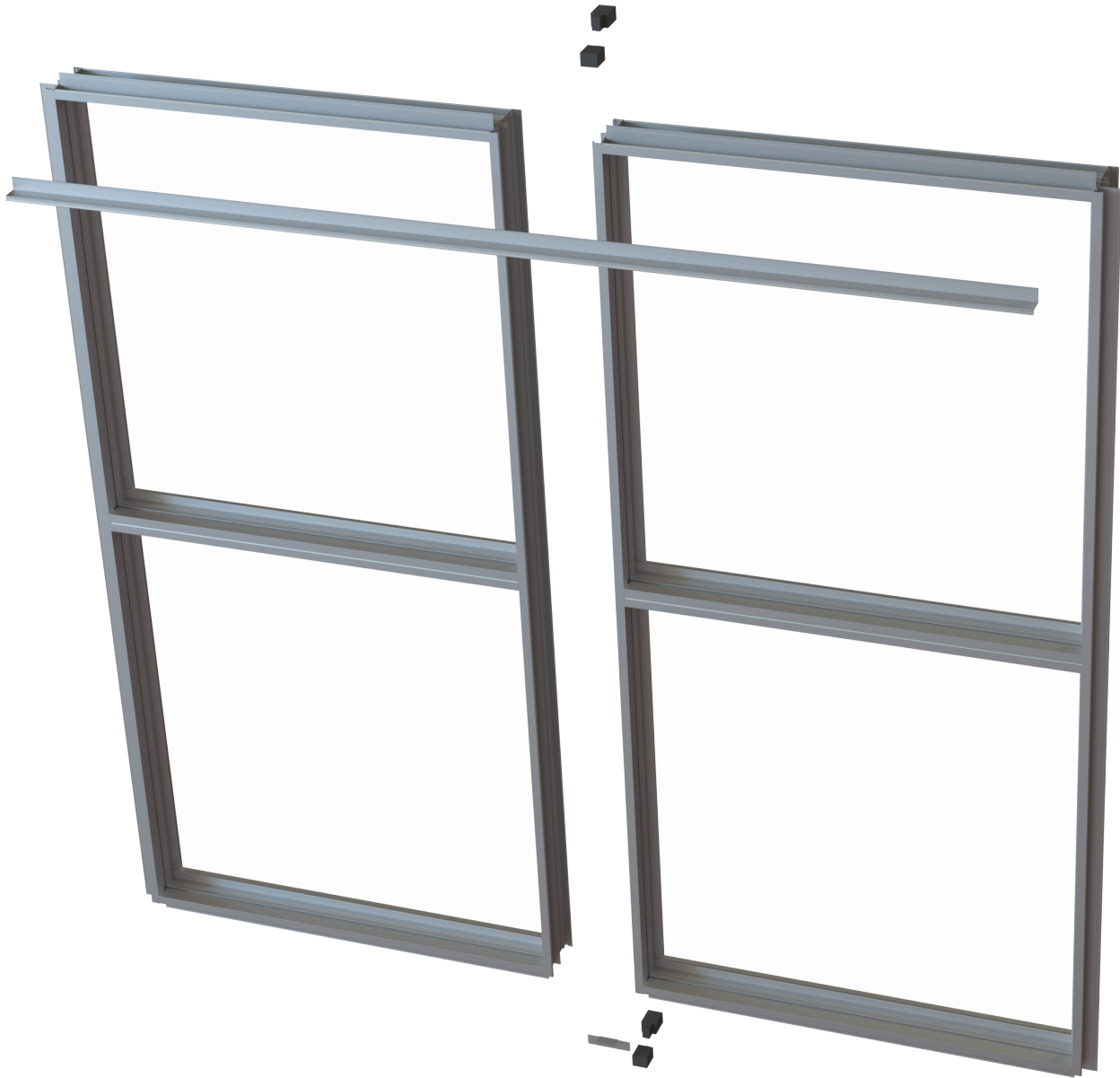




Mull Kit Installation Instructions

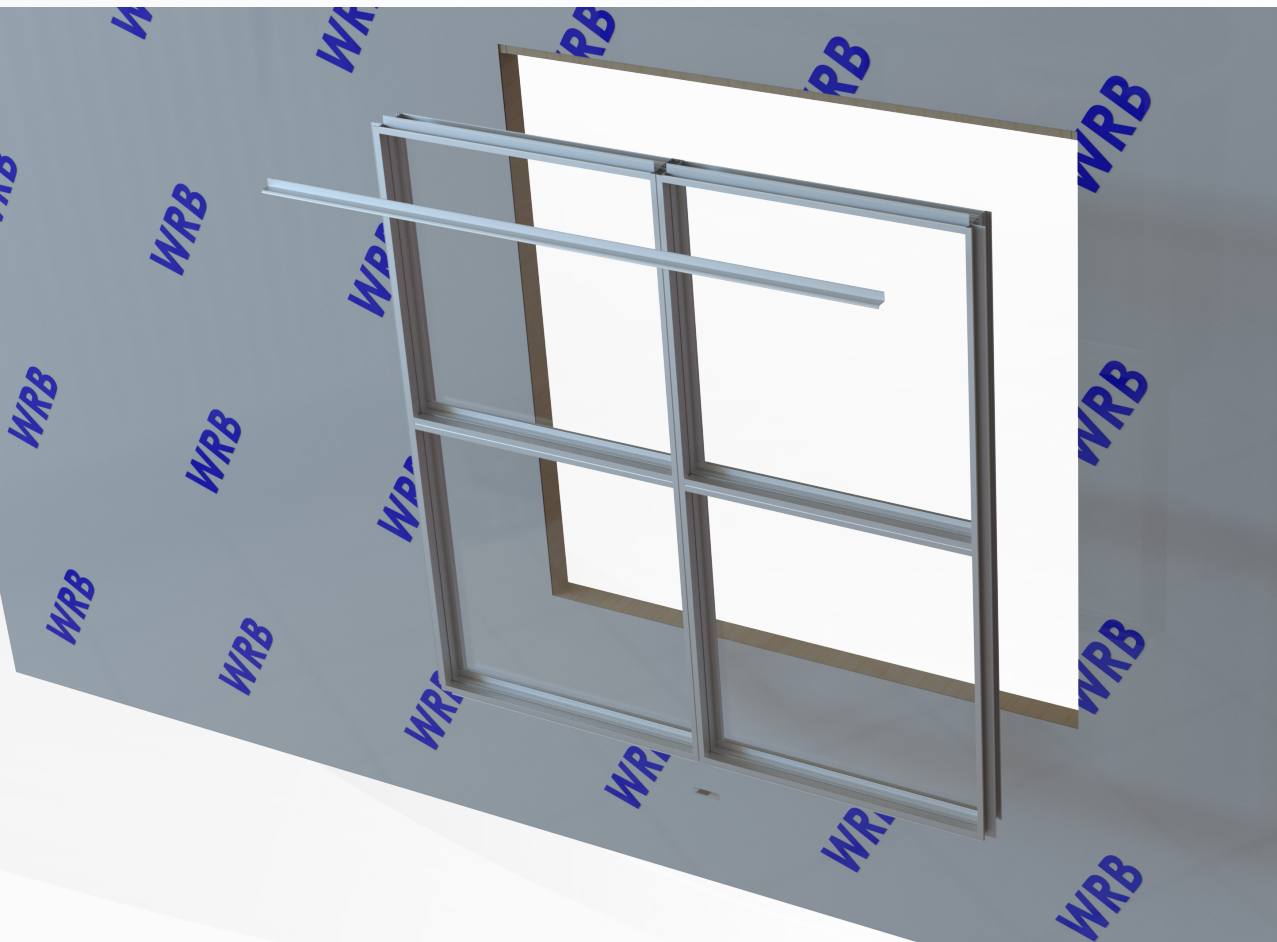
westernwindowssystems.com



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Video

Mull Kit Installation Instructions

This guide provides step-by-step instructions for mulling windows and doors. Sealants used should be compatible with the building envelope's water-proofing membrane. Drip caps should be ordered when the window is ordered.



CAUTION

We recommend all Western Window Systems products be installed by experienced professionals.

Contact Us

2200 E. Riverview Dr., Phoenix, AZ 85034

877-398-9643

www.westernwindowssystems.com

Important Safety Information



WARNINGS

If warning is not heeded, may cause death or serious injury



CAUTIONS

If precaution isn't taken, may cause minor or moderate injury

NOTE

Additional information that pertains to the installation

Read instructions, front to back, before beginning installation.

Product Storage and Transports

Product should be stored in a dry location protected from the elements. Wet packaging can cause damage to product finishes. If the packaging becomes wet, immediately replace it with dry packaging.

Product should be stored and transported upside down. To avoid damage, do not drop or drag product from the delivery truck.

Removal of Old Fenestration Products

Ensure that old fenestration products are removed and properly disposed. You may be able to recycle or donate removed glass and frames. For more information, check with your local recycling agency, the American Architectural Manufacturers Association, the U.S. Environmental Protection Agency, or the Building Materials Reuse Association to locate a nearby company or organization that accepts used windows and doors. To donate removed products, contact local nonprofits in need of building supplies, such as Habitat for Humanity.

NOTE: Homes and condominiums built before 1978 may have lead-based paint, which can pose serious health hazards during removal. Information and instruction regarding proper management of lead-based paint is available at www.epa.gov/lead.installation.

Components

The components supplied will vary depending on the configuration you are installing. Before proceeding with the installation, inspect the components to become familiar with them.

Confirm there is no damage that will affect the appearance or performance of the installed product. Damaged or missing parts should be reported to your supplier **within 48 hours** of delivery.

NOTE: Windows will be shipped knocked down and glass will need to be field glazed.

Installation Preparation

Prior to installation, it is important that you carefully review and understand the installation instructions and any drawings supplied. Western Window Systems' fenestration products should be installed only by experienced and qualified installation professionals. Failure to follow these instructions may result in poor performance, including but not limited to, operation, security, and weatherproofing failures, and may void Western Window Systems' expressed limited warranties.

This is a finished product that must be protected before, during, and after installation to prevent damage.

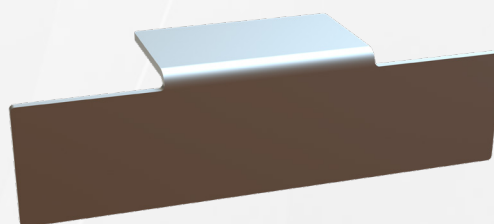


NOTE: The rough opening must be waterproofed in accordance with AAMA Installation Masters standards, as well as flashing and sealant manufacturer instructions, and must meet local building codes.

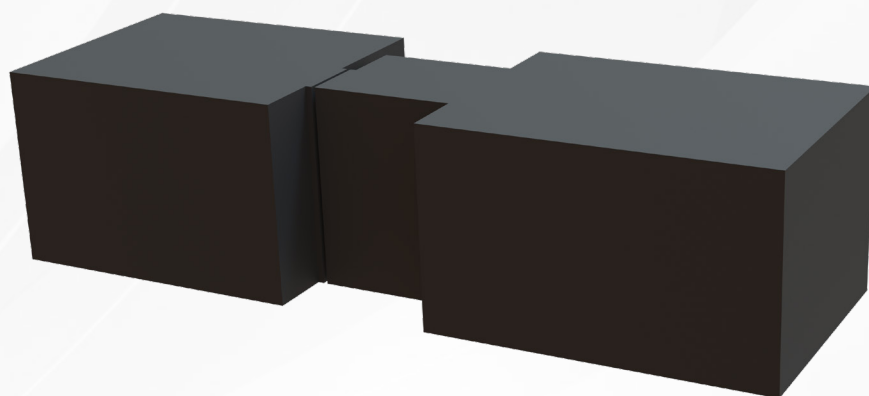
Included Parts



Drip Cap

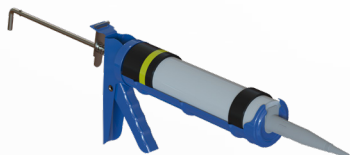


**Mullion
Bridge**



Foam Backer

Tools for Installation



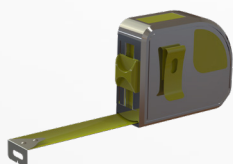
Caulking Gun



Hand Level



Power Drill



Tape Measure

NOTE:

Tools and Hardware are not included.

Fasteners and Hardware



#8 x 1 1/4"

Installation Steps

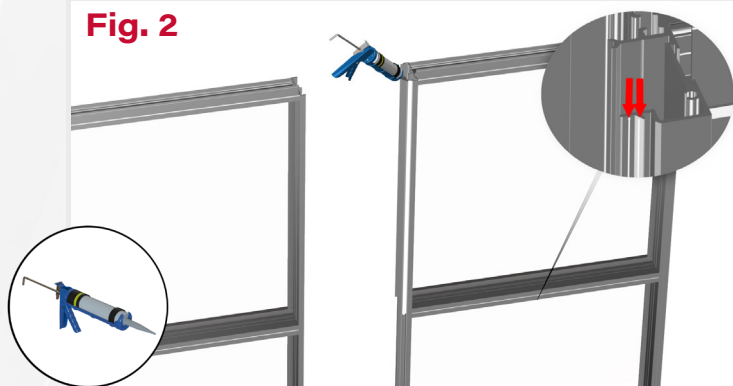
Step 1: Joining Two or More Units Together

Fig. 1



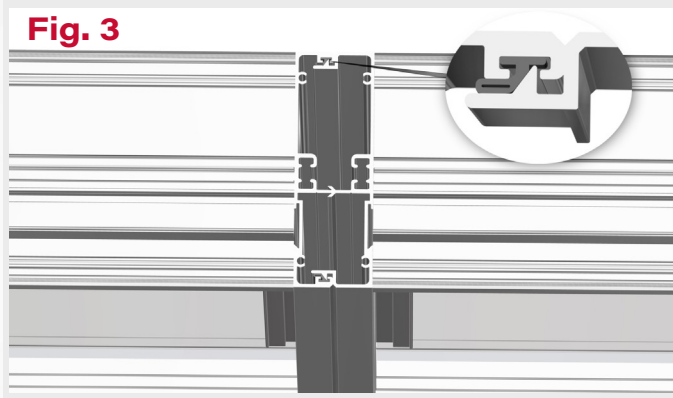
1. The Mull Kit can be used for both vertical and horizontal windows, as well as for mulling doors.

Fig. 2



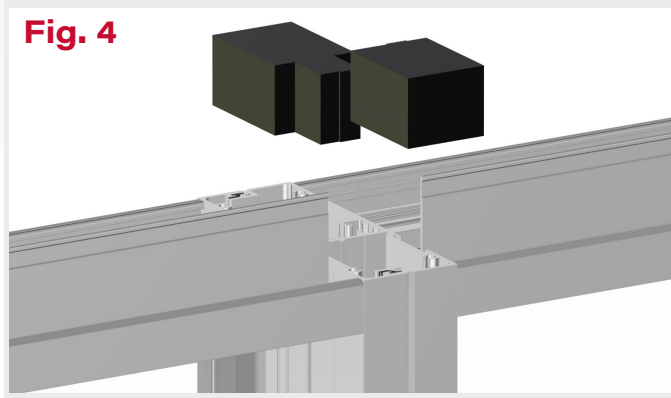
2. Begin by applying sealant to the male snap feature, along its entire length, and then snapping the windows together.

Fig. 3



3. Make sure each unit snaps completely with the other unit, ensuring a snug engagement of the snap feature.

Fig. 4



4. Next, place a foam backer in the mullion gap formed at the head of the joined extrusions. The foam backer will need to be torn to fit in the gap.

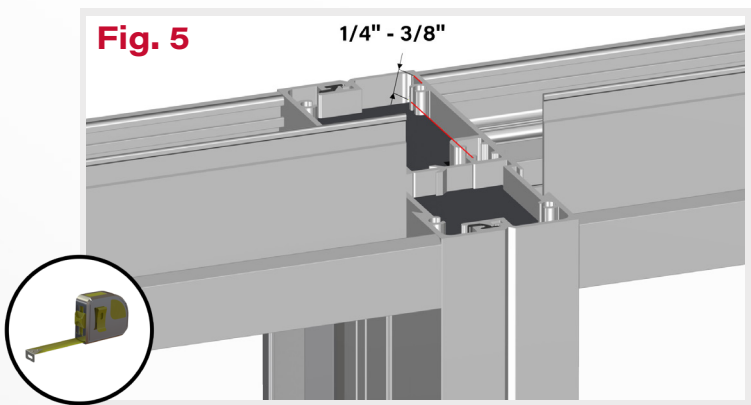


If the units do not snap together by hand, use clamps to aid in the snapping process.

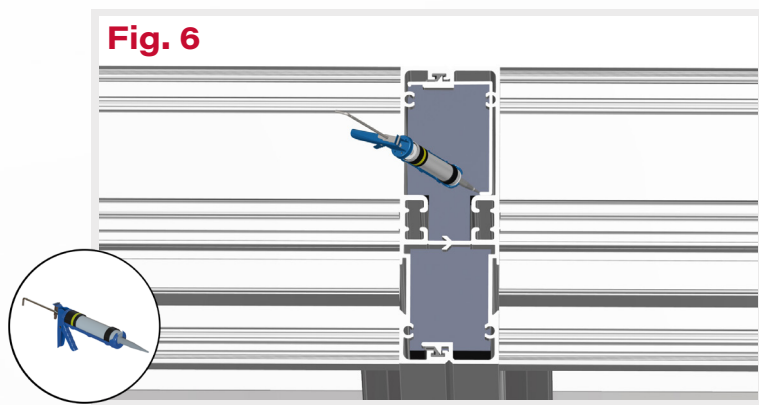
Step 1: Joining Two or More Units Together

Fig. 5

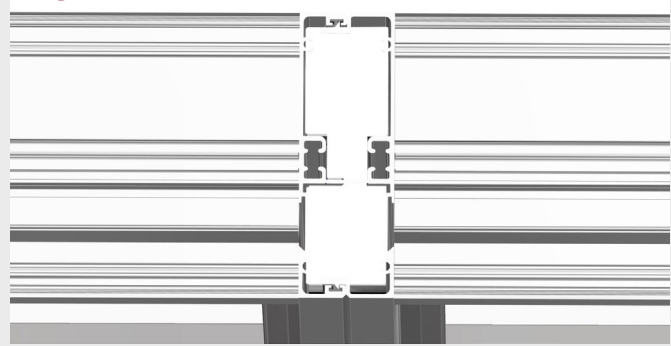
1/4" - 3/8"



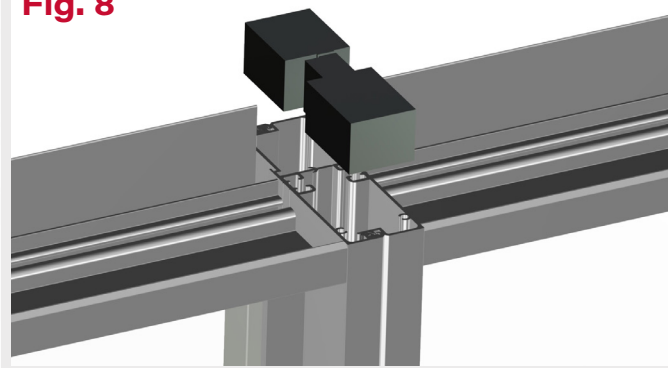
5. Make sure the foam backer is 1/4" to 3/8", deeper than the top of the frame.

Fig. 6


6. Once the foam backer is fully installed, seal the foam backer in place with sealant, covering the backer entirely with a 1/4" layer of sealant to avoid any leaks.

Fig. 7


7. Cover the foam backer entirely with a 1/4" layer of sealant to avoid any leaks.

Fig. 8


8. Repeat these steps on the bottom of the unit.

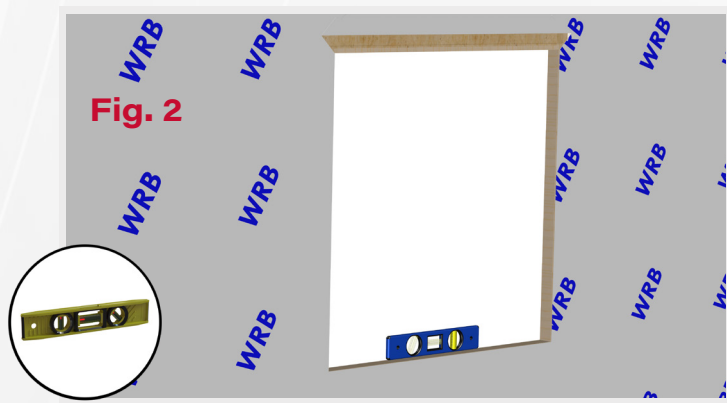
Step 2: Prepping the Rough Opening

Fig. 1



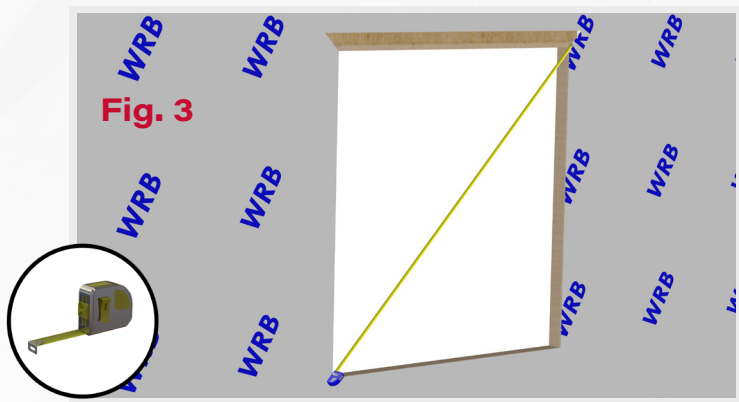
1. Locate the rough opening.

Fig. 2



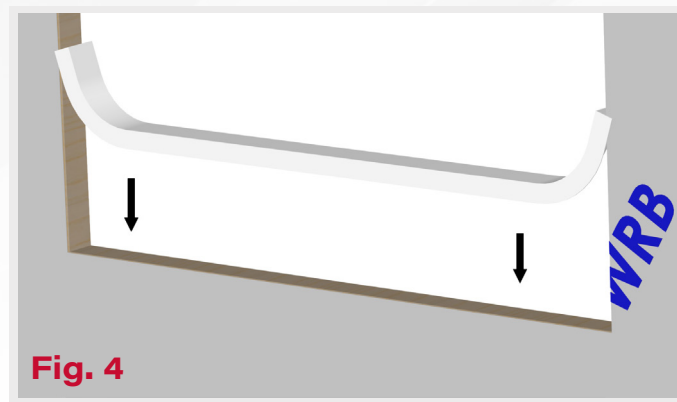
2. Use a hand level to ensure the rough opening is level.

Fig. 3



3. Use a tape measure to measure for squareness.

Fig. 4



4. At the bottom of the rough opening, apply sill flashing.



Make sure to apply flashing and appropriate weather resistant barrier material, per AAMA Installation Masters Handbook.

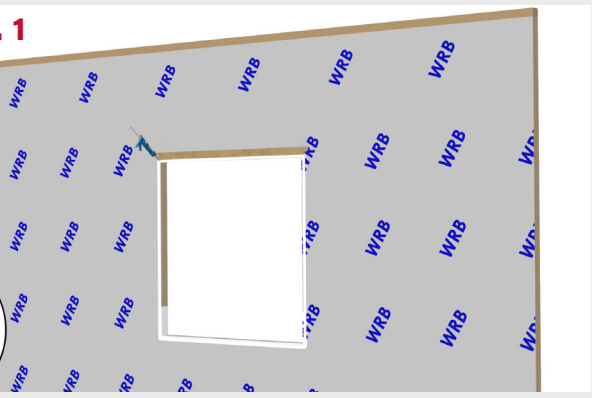
Step 2: Prepping the Rough Opening



5. Cover fully with flashing as required.

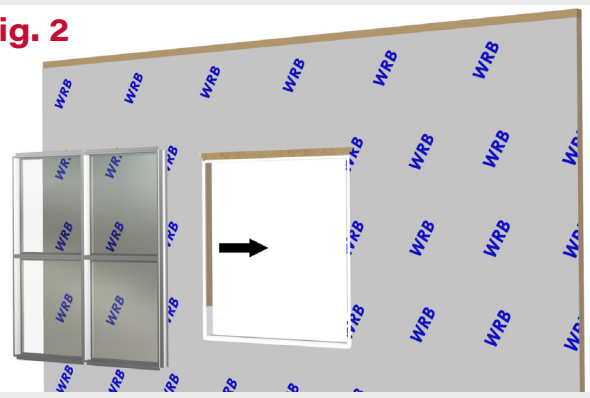
Step 3: Installing the Window

Fig. 1



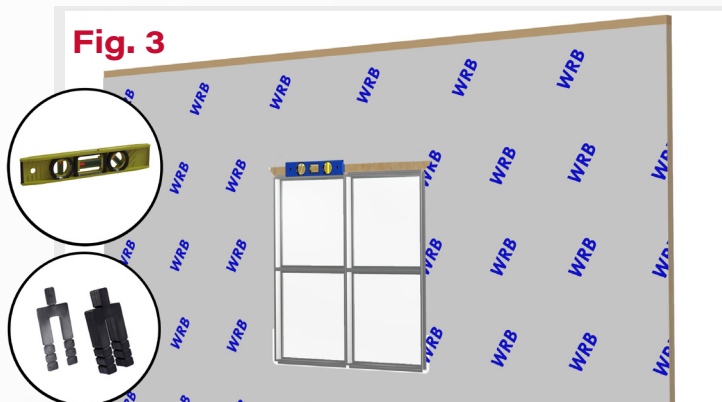
1. Begin by applying sealant to the outside perimeter of the rough opening.

Fig. 2

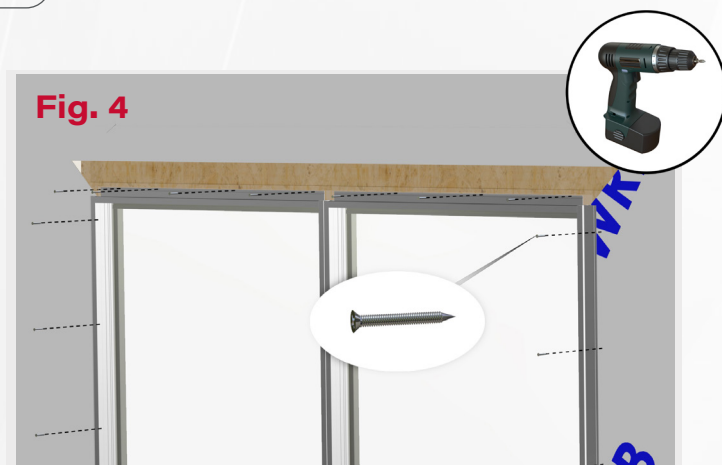


2. With assistance, set the window in place.

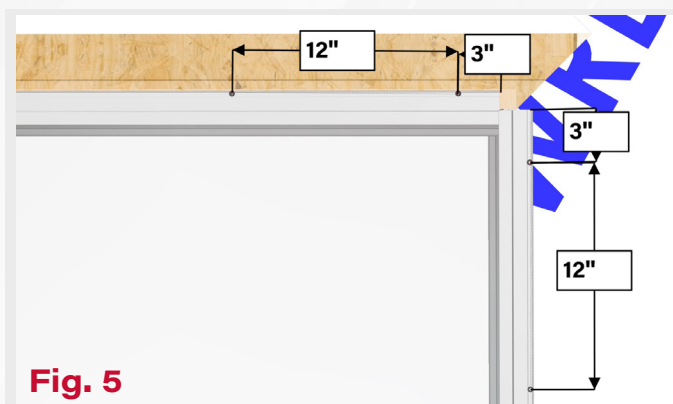
Step 3: Installing the Window



3. Make sure the window is fully in place and check that the unit is square, plumb, and level. Shim as needed.



4. Once the window unit is in place, secure all nailfins to the frame of the rough opening using self-tapping screws.



5. The first screw should be 3" from the corner, followed by 12" off center for the next screw.

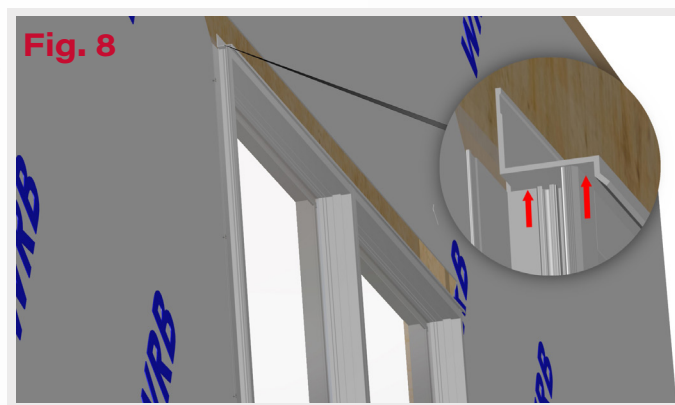


6. Next, lay a steady bead of sealant along the entire length of all nailfins on the head.



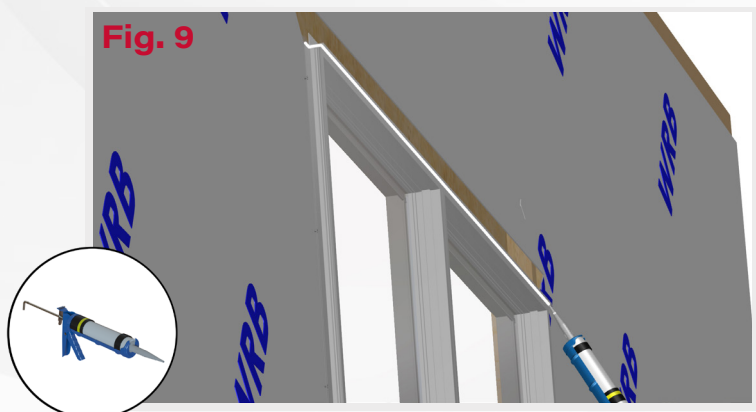
All screws and nailfin edges should be sealed when anchoring is complete. Re-verify that the unit is square, plumb, and level.

Step 3: Installing the Window



7. After applying sealant, place the drip cap on top of the frame, and make sure it's flush with the nailfin and the frame.

8. Once the drip cap is in place, apply sealant to the underside, as well as both outer edges.



9. Ensure a complete seal.

10. Cover all corners using corner gaskets and make sure the gaskets cover the drip cap and nailfin as much as possible.

Step 3: Installing the Window



Fig. 11

11. Attach all corner gaskets.

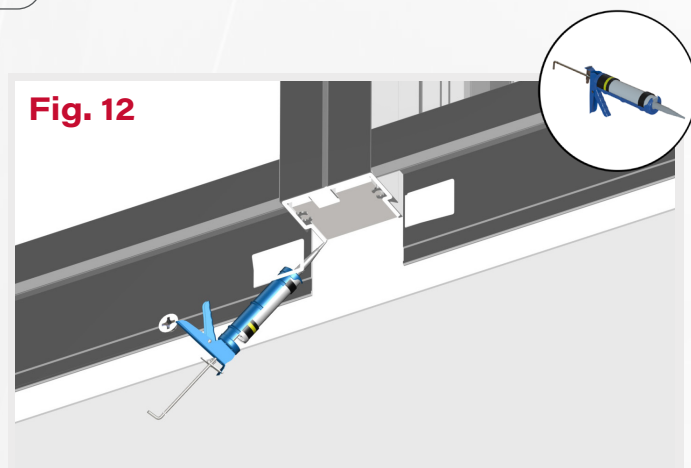


Fig. 12

12. Locate the bottom of the unit and install the mullion bridge. Lay a bead of sealant on the foam backer, the edges of the nailfins near the gap between the nailfins, and in the gap between the nailfins.

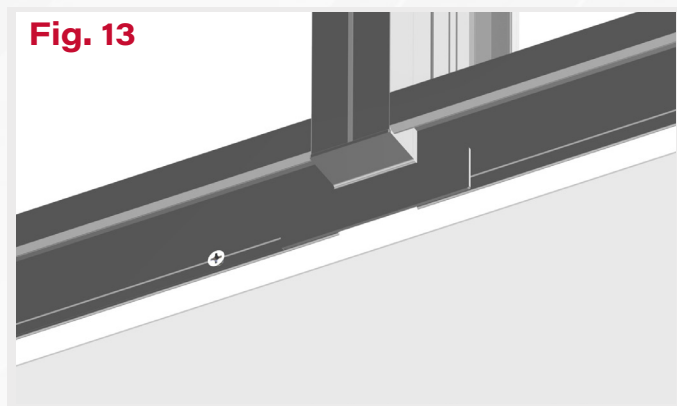


Fig. 13

13. Place a mullion bridge on top of the frame, making sure there is sealant between every surface it touches for a proper seal, and make sure it is flush with the nailfin and the frame.



Fig. 14

Congratulations! The mulling process is now complete.

Mull Kit Installation Instructions

Upon completion of installation, ensure all connections are tight and secure in accordance with the installation manual. For more information, give us a call or visit us online.



We recommend all Western Window Systems products be installed by experienced professionals.



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