



Eagle Standard Mulling Instructions

These instructions are for typical installation in new typical **wood frame wall construction**. These instructions and methods are not intended for use in other construction types or for replacement installations. These instructions and methods may not be appropriate for a specific installation due to design of the building, construction methods used, building conditions or site conditions, any of which may require different methods or procedures. You and your architect or installing contractor are responsible for determining the method and procedures appropriate to your specific installation.

The installation instructions included as part of these mullion instructions are not representative of a specific window type. These mulling instructions apply to clad products only. For instructions using other mullion materials and/or clips, see the "Installation" section at EagleWindow.com

STEP 1

Be sure you have all tools required:



Tape measure



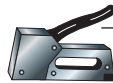
Hammer



Nail set



Level



Stapler



Power drill and bits



Utility knife or scissors



Rubber mallet



Wood clamps



Nylon block

STEP 2

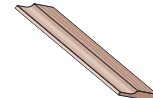
Be sure you have a sufficient supply of all materials required: Take care to anticipate all material needs before beginning work. Additional materials may be needed in any particular installation.



Screws of various sizes, as required for mulling.



High quality exterior grade silicone sealant



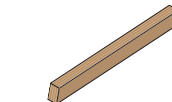
Interior trim and/or jamb extensions
(15' to 40' per window)



Closed-cell foam backer rod or sealant backer
(12' to 30' per window)



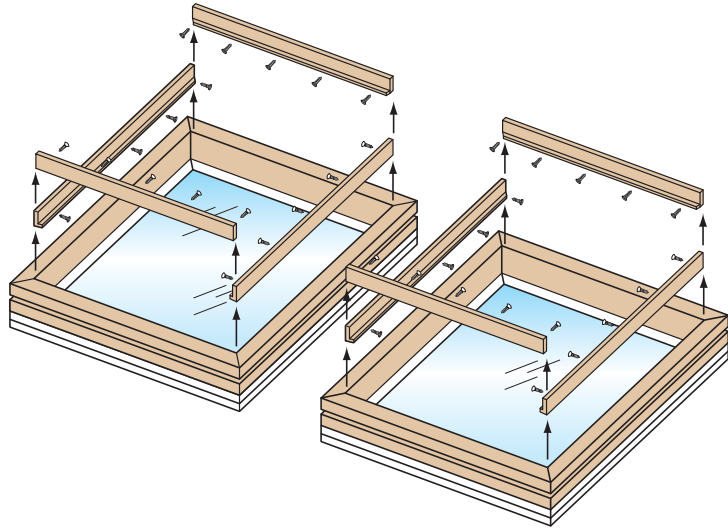
Mullion end cap
(two per mullion reinforcement)



Mullion reinforcement
(correct length is equal to length of window unit)

STEP 3

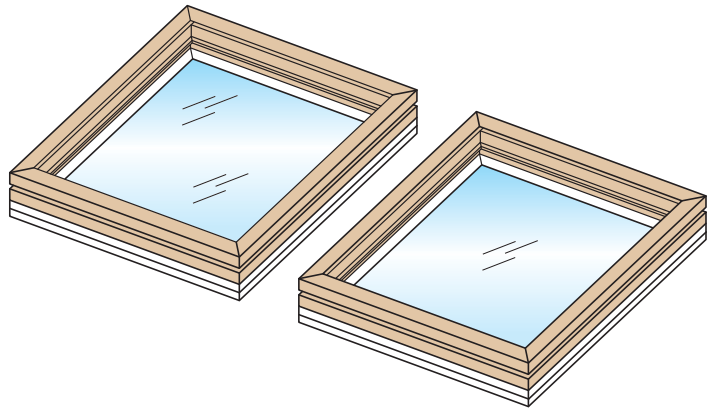
Remove interior stops from all window units to be mullled.



STEP 4

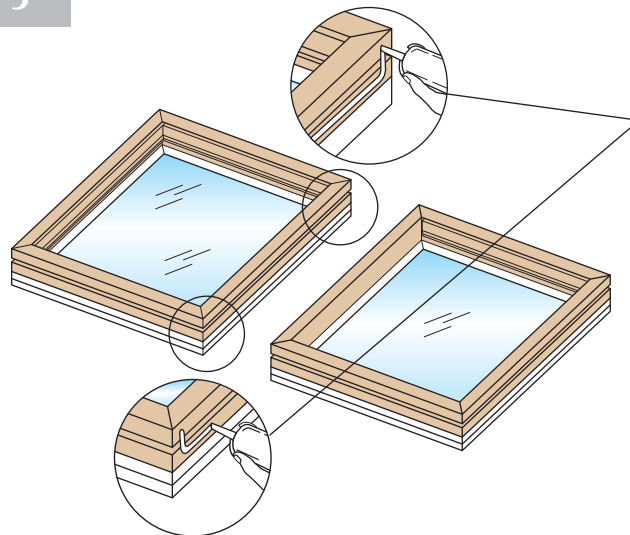
Place units face down (wood interior of windows up) and align.

Take care to protect exterior face of windows.



STEP 5

Apply sealant.



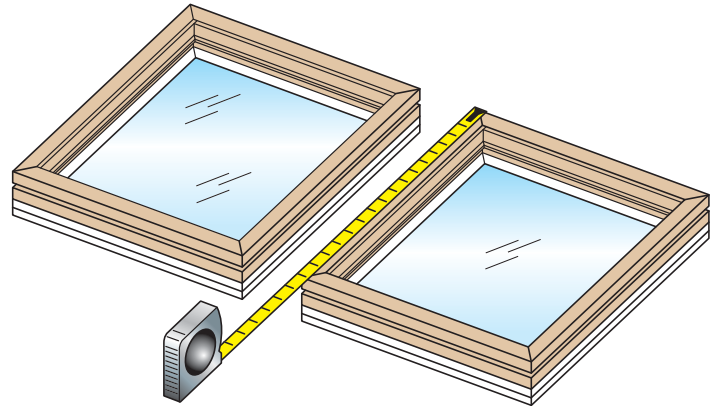
Apply 3/8" nominal bead of sealant where wood and aluminum cladding meet on both window units.



STEP 6

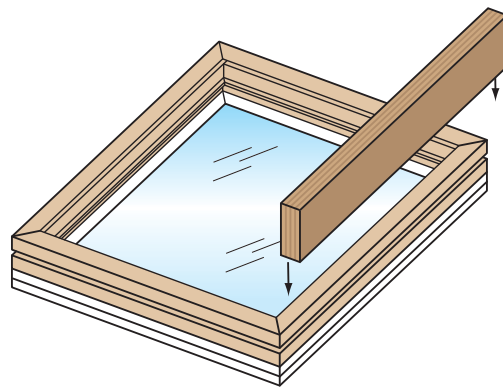
Measure and cut required length of mullion.

Correct length of reinforcement is equal to length of window unit.



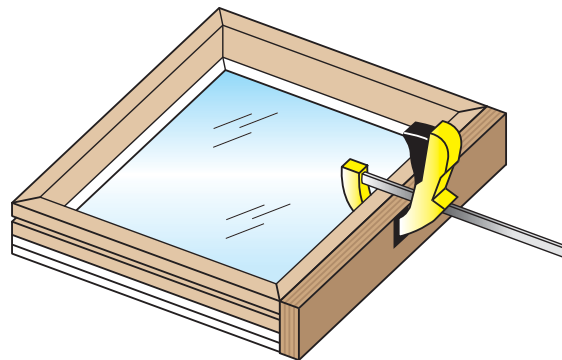
STEP 7

Align mullion with window.



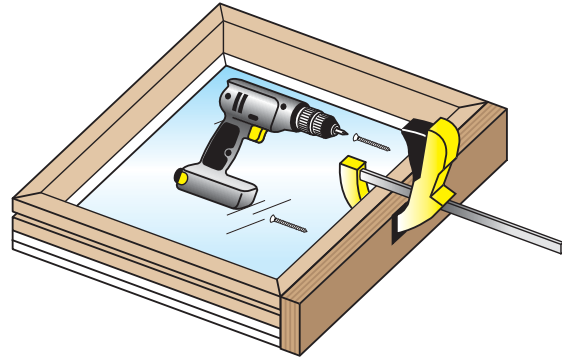
STEP 8

Clamp mullion to window unit.



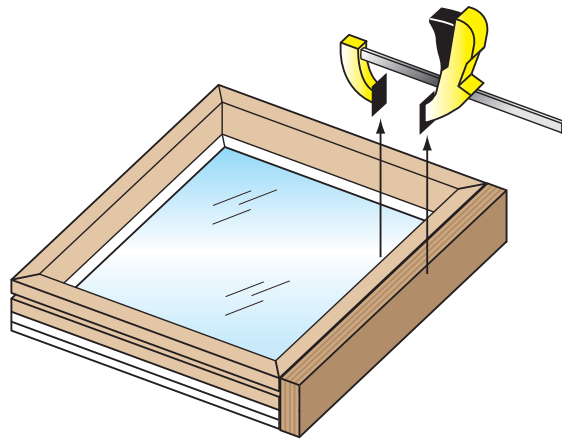
STEP 9

Fasten using required screws and spacing.



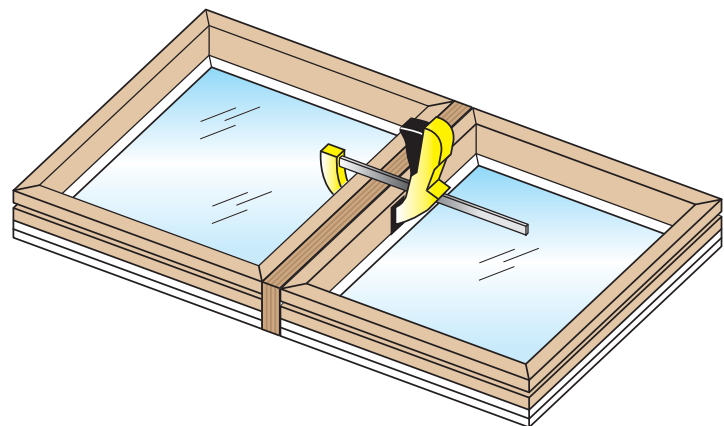
STEP 10

Remove wood clamps.



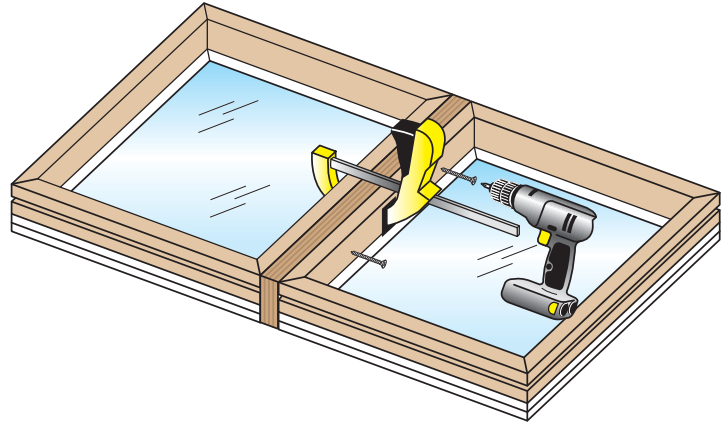
STEP 11

Align second unit, adjust for proper setback and clamp.



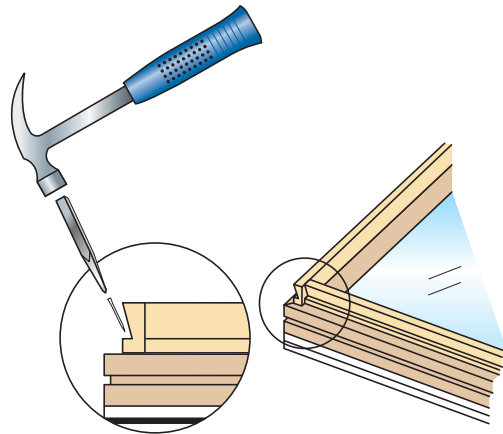
STEP 12

Fasten second unit, using required screws and spacing.



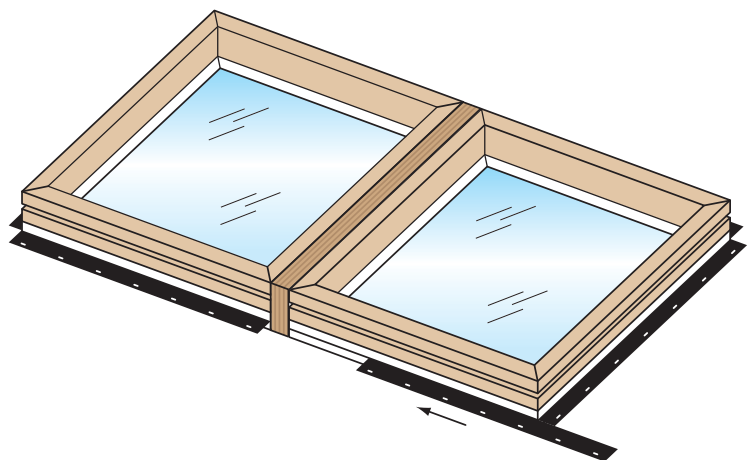
STEP 13

Apply extension jamb on interior as necessary.



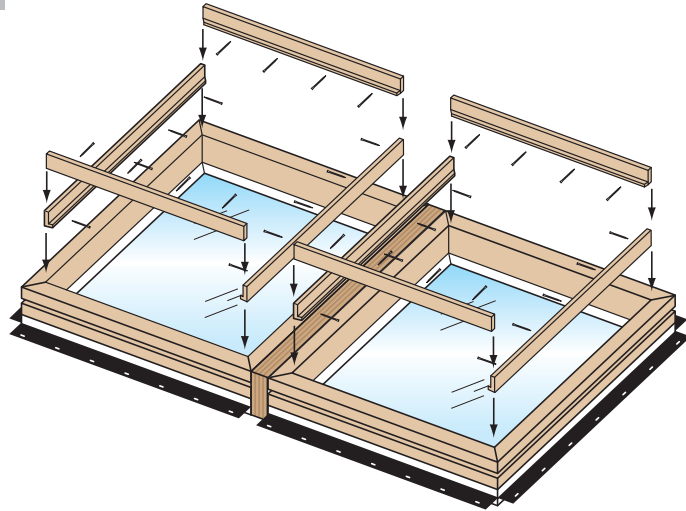
STEP 14

Apply nailing flange into groove on perimeter of window units.



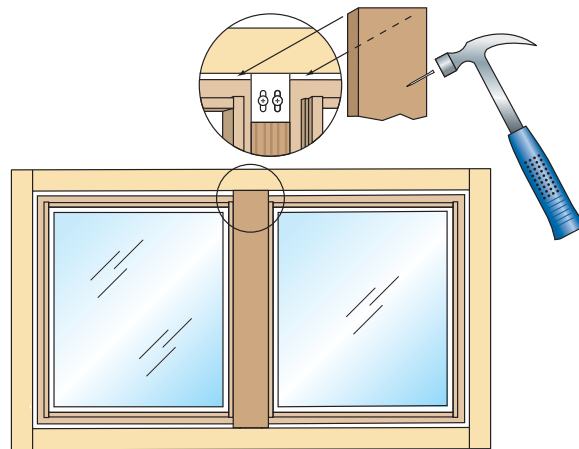
STEP 15

Re-apply stops
using finish nails.



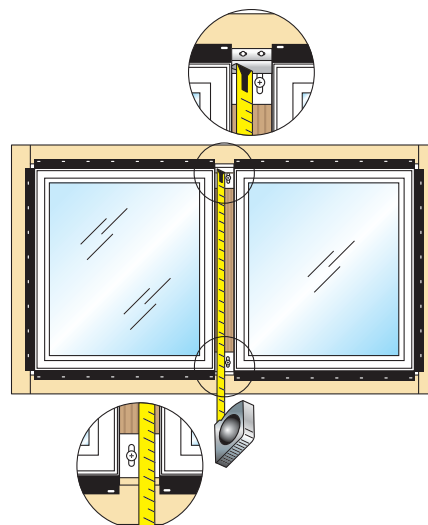
STEP 16

Apply interior mull cover.



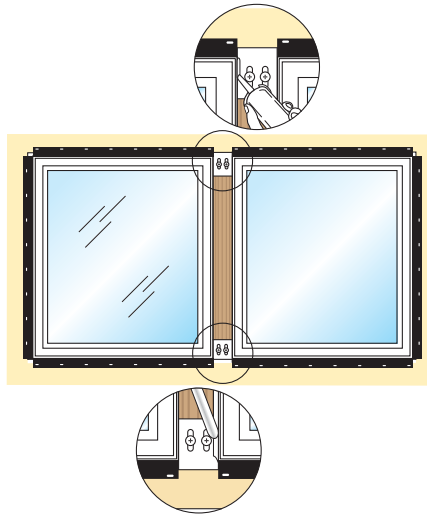
STEP 17

Measure required length of
exterior mull cover and cut.



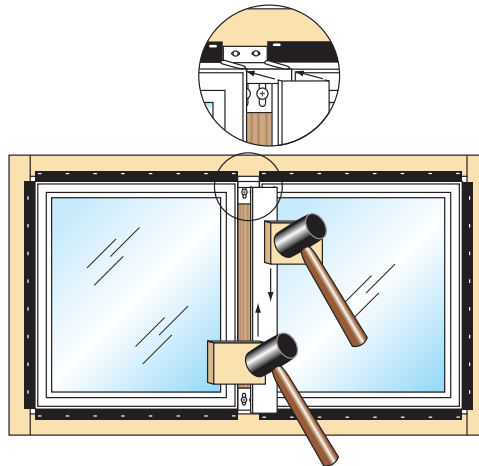
STEP 18

Apply sufficient sealant to effectively seal the window and mullion. Tool sealant over entire width of mullion to achieve smooth bead.



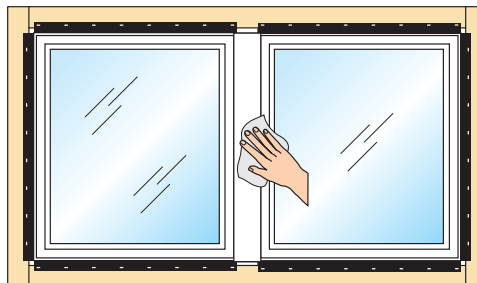
STEP 19

Apply exterior mull cover starting at the bottom right and top left working towards the center using a nylon block and rubber mallet.



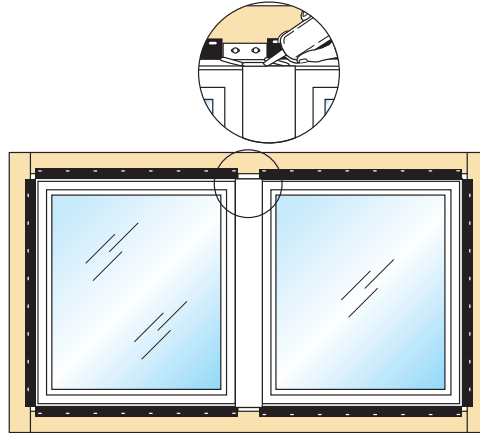
STEP 20

Wipe any excess sealant off both units.



STEP 21

At mullion ends, apply continuous bead of sealant over edge of mullion where it joins the window unit edge. Install mullion end caps, and apply a continuous bead of sealant along all edges.



NOTES

See the Eagle Owner's Manual for care and maintenance information.

Methods and procedures for installation of siding and other cladding materials, trim, moldings and other finish materials around window openings are not specified in these instructions. Such materials should be installed in conformity with the manufacturer's specifications and/or industry standards for such materials. If masonry cladding is used, the soldier course of masonry must be one-half inch away from the bottom of the sill on all windows.

Because all construction must anticipate some water infiltration, it is important that the wall system be designed and constructed to properly manage moisture. Eagle Window & Door is not responsible for claims or damages caused by unanticipated water infiltration, deficiencies in building design, construction and maintenance, failure to install Eagle products in accordance with these instructions, or the use of Eagle products in systems which do not allow for proper management of moisture within the wall system. The determination of the suitability of all building components, including the use of Eagle products, as well as the design and installation of flashing and sealing systems, are the responsibility of you, your architect, or a construction professional. Moisture problems, including unacceptable water infiltration, have been associated with barrier systems such as EIFS (also known as synthetic stucco). Eagle products should not be used in barrier EIFS systems unless Eagle's current, recommended installation procedures for installation of windows and doors into EIFS are used. Any other use of Eagle products with barrier EIFS systems will void the warranty.

Eagle makes no warranty, expressed or implied, that the methods and procedures described in these instructions are suitable for any particular purpose or installation. These instructions do not add to or modify the terms, conditions or limitations of Eagle's manufacturer's warranty.

A drip cap is required on all windows and doors. Failure to utilize and incorporate a drip cap could void the Eagle Window & Door warranty. Refer to the Eagle warranty for additional information.

It is the responsibility of you and your architect or installing contractor to verify that the methods and mullion materials used meet the project requirements.

Important: Sealant must be Grade NS Class 24 per ASTM C920 and compatible with the window/door product, nail fin and the finished exterior of the building. Use of improper sealant could result in sealant failure, resulting in air and water infiltration.

