

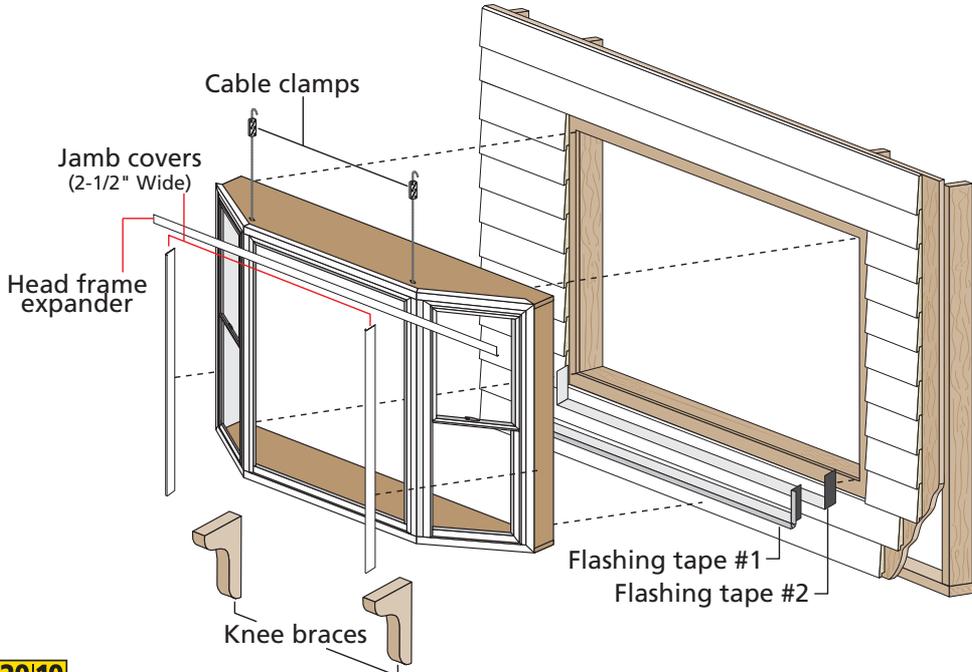


INSTALLATION INSTRUCTION - INSTRUCCIONES DE INSTALACIÓN FOR SQUARE DESIGN BAY AND BOW WINDOW WITH SEAT BOARD



Lea las instrucciones en español en el reverso.

Read these instructions thoroughly before performing any steps.



Always read the Pella[®] Limited Warranty before purchasing or installing Pella products. By installing this product, you are acknowledging that this Limited Warranty is part of the terms of the sale. Failure to comply with all Pella installation and maintenance instructions may void your Pella product warranty. See Limited Warranty for complete details at <http://warranty.pella.com>.

Note: *These instructions may be used for Square Design Pella Bay and Bow windows that have a head and seat board. Support cables are installed in factory assembled bay and bow combinations.*

Caution: *The factory-installed support cables must be attached to members capable of supporting 1,300 lbs. If the members are not capable of supporting 1,300 lbs., knee braces must be used in addition to the cables. Bay and bow units are not intended to support any roof structure. Consult an architect, engineer or construction professional if the ability of the members to support the bay or bow is not known.*

Installation Instructions for Typical Wood Frame Construction.

These instructions were developed and tested for use with typical wood frame wall construction in a wall system designed to manage water. These instructions are not to be used with any other construction method. Installation instructions for use with other construction methods, multiple units or other bow and bay windows, may be obtained from Pella Corporation, a local Pella retailer, or by visiting <http://www.pella.com>. Building designs, construction methods, building materials, and site conditions unique to your project may require an installation method different from these instructions and additional care. Determining the appropriate installation method is the responsibility of you, your architect, or construction professional.

3 CABLE CLAMP INSTALLATION (CONTINUED)

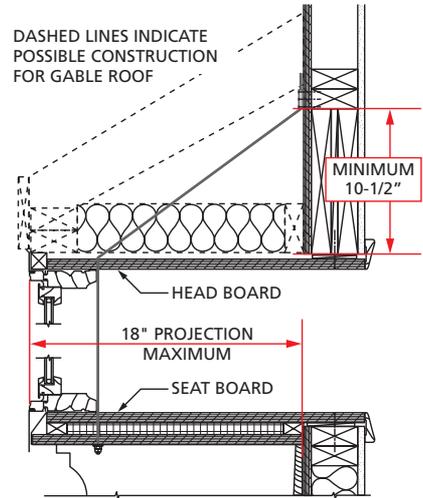
HEADER MOUNT OF CABLE CLAMPS

This method may only be used if the projection of the bay/bow is 18" or less. Use the Cross Bracing method if the projection of the bay/bow is more than 18".

Note: Be sure that the cable clamps are secured to a solid structural member - header, sill plates or wall stud. If the structural member or cable clamps are not securely attached, they may loosen during or after installation causing the bay/bow unit to sag.

- A. **Install the cable clamps.** Drive the #12 x 3-1/4" square screws part way into the mounting surface using a #3 square drive bit.
- B. **Run the cable up through the bottom of the cable clamp.** Hold the cable up tight above the clamp and drive the two center clamp screws all the way in to lock the cable in place. Drive in the remaining #12 x 3-1/4" square screws all the way.

Note: Make sure all 4 screws are driven in at maximum torque. Additional tensioning may be done with the nuts on the opposite end of the cable at the bottom of the window.

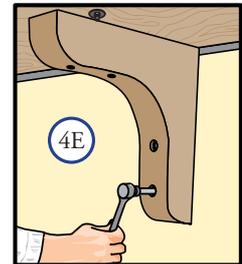


4 SUPPORTING THE WINDOW

- A. **Tighten the top hex nut on both cable ends.** Using a 3/16" wrench or socket, hold the cable end in position while tightening the top hex nut with a 1/2" wrench or socket. This will keep the cable from twisting as the hex nuts are tightened.
- B. **Remove the temporary bracing.** Check the window for level, plumb, sash reveal and operation. Readjust, if needed.

Note: Be sure to use the temporary support when readjusting the hex nuts.

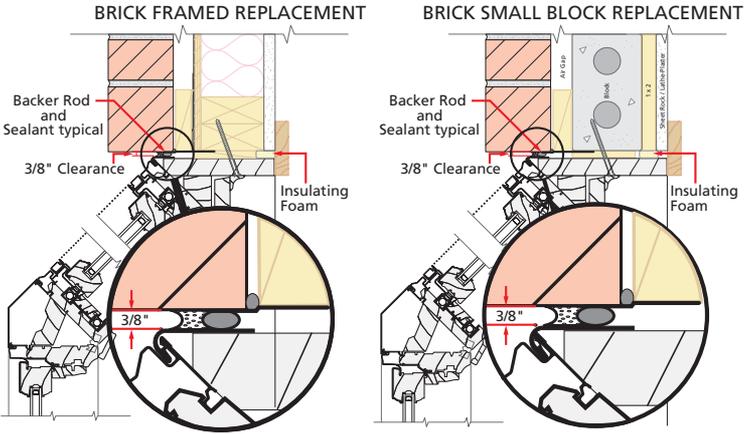
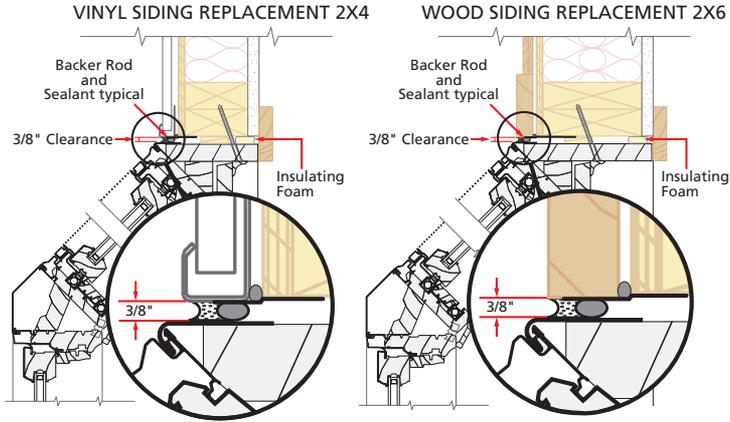
- C. **Remove blocking from under the seat board.**
- D. **Tighten the locking (bottom) nut on both cable ends and remove the temporary support** once the final position is found. DO NOT cut the threaded end off the cable as this will prevent future adjustment should it be needed.
- E. **Installation of knee braces is recommended** to help support the weight of the bay/bow unit. Weight calculations must take into account the weight of the items that may be placed on the seat board of the bay/bow unit. If the upper roof/framing members are not capable of supporting 1,300 lbs. or if more than 500 lbs. will be put on the seat board, knee braces must be used in addition to the cables.



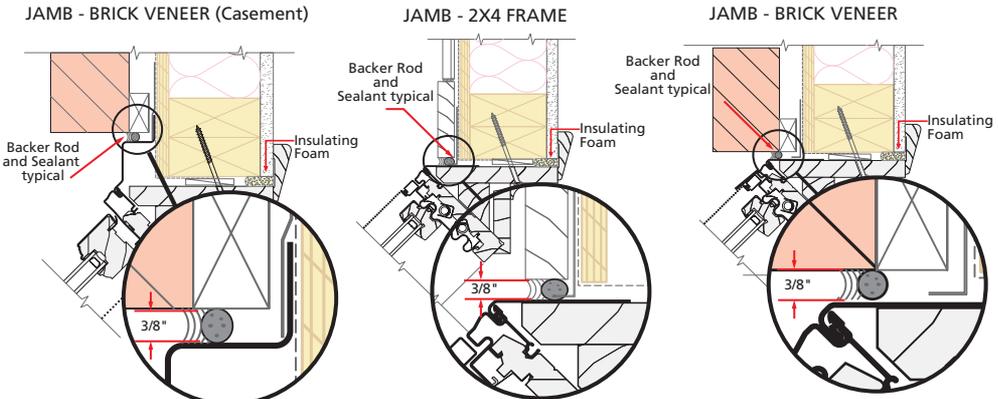
6 SEALING THE WINDOW TO THE EXTERIOR WALL CLADDING

Note: The sealant details shown are standard recommendations from the sealant industry. Contact your sealant supplier for recommendations and instructions for these and any other applications.

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Angle Jamb Cover

Square Jamb Cover

- L. **Insert backer rod and apply sealant.** Install siding, and insert backer rod between the each jamb cover and the exterior finish material as deep as it will go. Apply a bead of high quality exterior sealant on top of the backer rod and a corner bead to the top of the head frame expander. Shape, tool, clean excess sealant. When finished, the sealant should be the shape of an hourglass.

Note: Backer rod adds shape and depth for the sealant line. This method creates a more flexible sealant line capable of expanding and contracting.

7 INSTALLING INTERIOR JAMB COVE MOULD

- A. **Install the interior cove mould.** Remove cove mould from accessory package and dry fit over the installation screws. Install interior cove mould and secure with 1" brads into the jamb and trim.

