






# INSTALLATION INSTRUCTION FOR SLIDING WINDOW WINDOW REPLACEMENT using FLUSH FLANGE

## *Installation Instructions for Replacing Windows in a Typical Stucco Application.*








These instructions were developed and tested for use with a typical stucco installation. **These instructions are not to be used with any other construction method.** 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. If you have questions, please contact your local Pella retailer.

### YOU WILL NEED TO SUPPLY:

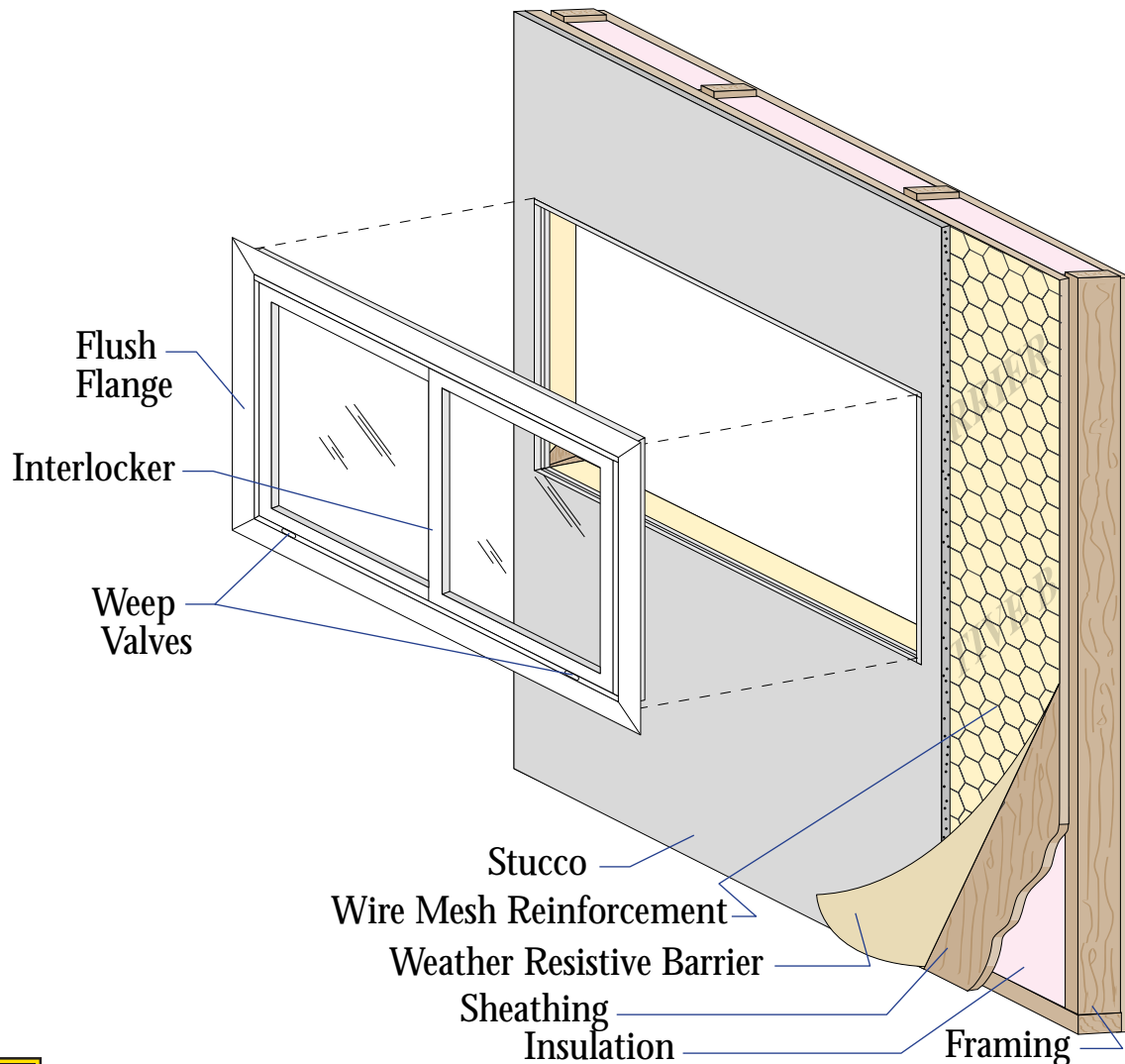
- Cedar or Impervious shims/spacers (12-20) 
- High quality exterior grade polyurethane or silicone sealant (1 tube per window) 
- Low expansion window & door foam insulation (1/2 can)  
Do not use high expansion foams. 
- Head drip fin

***Installation will require (2) or more persons for safety reasons.***

### TOOLS REQUIRED:

- Tape measure 
- 6' Level 
- Caulking gun 
- Square 
- Hammer 
- Screwdriver 
- Drill 

REMEMBER TO USE APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT.

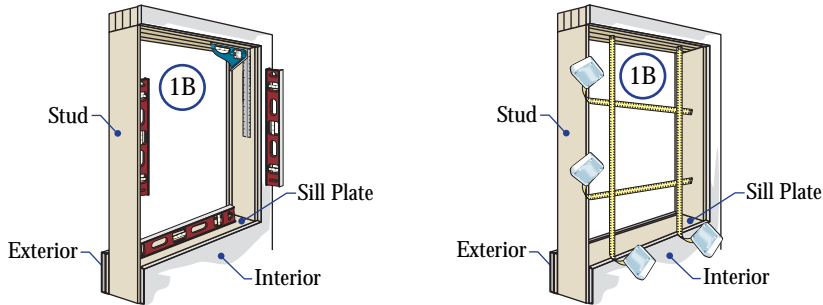


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# 1 OPENING PREPARATION

A. **Prepare the window opening** by removing the existing sash or existing frame.  
*Note: Existing frame may be left in place so as not to disturb the existing exterior stucco.*

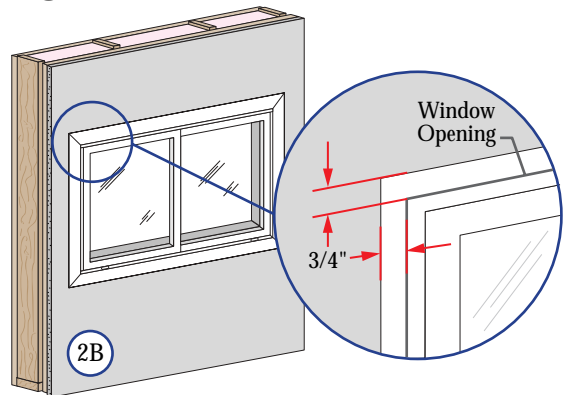
B. **Verify the opening is plumb, level and square.**  
*Note: Fix any problem with the opening before proceeding. If the opening is not level, place shims 1/4" from each end and under the interlocker of the new window.*



# 2 PREPARE THE WINDOW FOR INSTALLATION

A. **Remove packing material** from the window. DO NOT remove the shipping spacers. The shipping spacer will help keep the frame square during installation.

B. **Verify that the window will fit** into the opening and the window flanges will overlap the stucco or existing window frame by 3/4" on all (4) sides.  
*Note: Fix any problems with the opening before proceeding.*

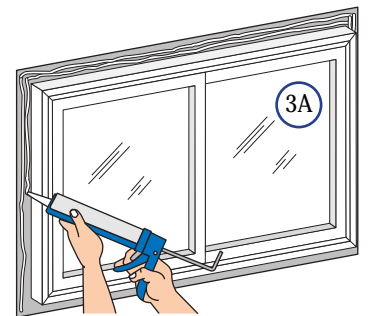


# 3 SETTING AND FASTENING THE WINDOW

A. **Place (2) lines of sealant** on all (4) window flanges that will make contact with the stucco area.  
*Note: If there are weep holes in the existing window frame, DO NOT block them with sealant.*

**2 OR MORE PEOPLE WILL BE REQUIRED FOR THE FOLLOWING STEPS.**

B. **Insert the window** from the exterior of the building and center the window in the prepared opening.

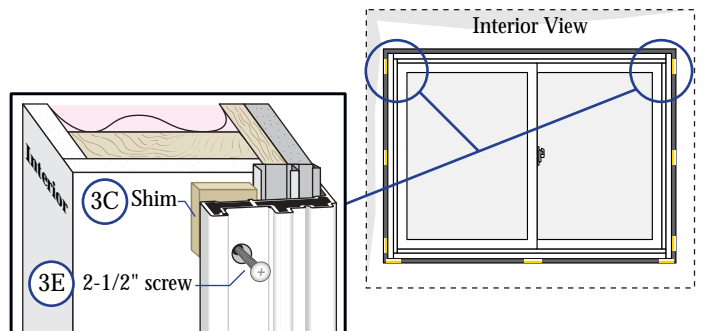


C. **Insert shims** between the window and the sides of the rough opening at the top 2 anchor hole locations in the window sides.

D. **Remove the plastic shipping spacers** that are located between the bottom of the vent panel and the frame sill.

E. **Fasten the window at the top of the opening** by driving a 2-1/2" long screw (provided) through the top 2 holes in the window sides, and into the wall members.

*Note: Make sure the window flange is tight against the stucco or window frame before driving screws to maintain a good line of sealant between the flange and the stucco.*

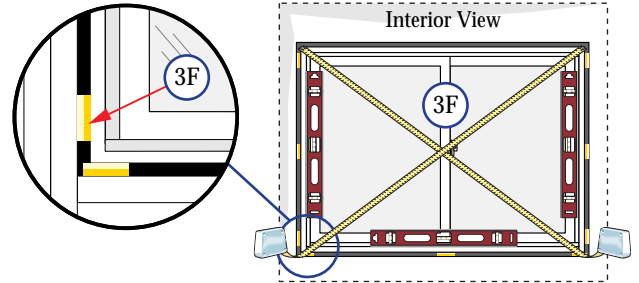


# 3 SETTING AND FASTENING THE WINDOW (continued)

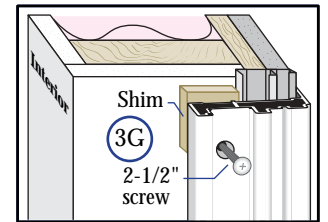
F. **Plumb and square the window.** Insert shims, as necessary, between the window and the sides of the rough opening at the anchor hole locations in the window sides. (DO NOT over shim). Move the window in the opening until the flanges are tight against the stucco surface.

G. **Fasten the window in the opening** by driving the 2-1/2" long screws (provided) through the holes in the window sides, through the shims and into the wall members.

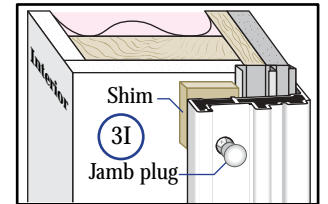
*Note: Make sure the window flange is tight against the stucco or window frame before driving screws to maintain a good line of sealant between the flange and the stucco.*



H. **Check the window operation** by unlocking, opening and closing the sash. If the window does not operate smoothly, check and adjust the shims.

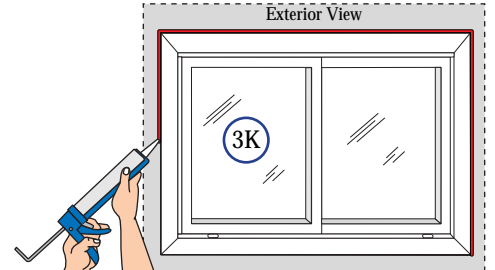


I. **Insert jamb hole plugs** (provided).



J. **Install head drip** above the top window flange per the head drip manufacturer's recommendations.

K. **Toe bead the edge of the window flange** on top and sides to the stucco.



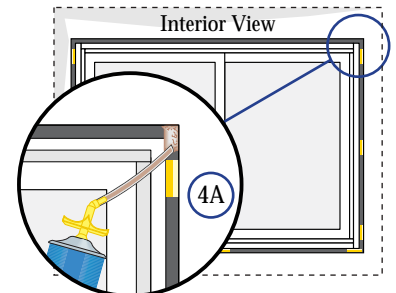
# 4 INTERIOR SEAL

**Caution: Ensure use of low expansion polyurethane window and door installation foams and strictly follow the foam manufacturer's recommendations for application. Use of high expansive foams or improper application of the foam may cause the window to bow and hinder operation.**

A. **Apply low-expansion insulating foam.** From the interior insert the nozzle of the applicator approximately 1" deep into the space between the door and the rough opening and apply a 1" deep bead of foam. This will allow room for expansion of the foam and will minimize squeeze out. Allow the foam to cure completely (usually 12 to 24 hours) before proceeding to the next step.

B. **Check the operation** of the window by opening and closing the window.

*Note: If the window does not operate correctly, check to make sure it is still plumb, level and the frame members are not bowed. If the frame members are bowed, remove the foam with a serrated knife and repeat Step A.*



# 5 INTERIOR TRIM

A. **Apply interior trim** as required.

## **CARE AND MAINTENANCE**

Care and maintenance information is available by contacting your local Pella retailer. This information is also available at [www.pellainpervia.com](http://www.pellainpervia.com).

## **FINISH**

The interior and exterior frame and sash are protected with a powder coating baked-on factory finish that requires no painting. Clean this surface with mild soap and water. Stubborn stains and deposits may be removed with mineral spirits. Do NOT use abrasives. Do NOT scrape or use tools that might damage the surface.

Use of inappropriate solvents, brickwash or cleaning chemicals will cause adverse reactions with window and door materials and voids the Limited Warranty.

## **NOTE**

Because all construction must anticipate some water infiltration; it is important that the wall system be designed and constructed to properly manage moisture. Pella Corporation is not responsible for claims or damages caused by unanticipated water infiltration; deficiencies in building design, construction and maintenance; failure to install Pella products in accordance with these instructions; or the use of Pella products in systems which do not allow for proper management of moisture within the wall systems. The determination of the suitability of all building components, including the use of Pella 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). Pella products should not be used in barrier EIFS systems unless Pella's current, recommended installation procedures for installation of windows and doors into EIFS are used. Any other use of Pella products with barrier EIFS systems will void the Limited Warranty.

Product modifications that are not approved by Pella Corporation will void the Limited Warranty.