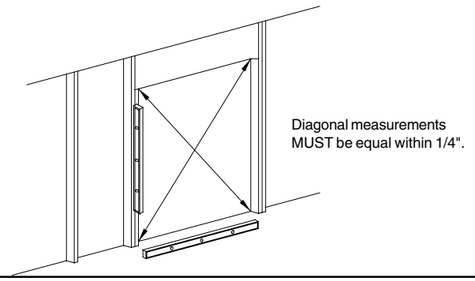
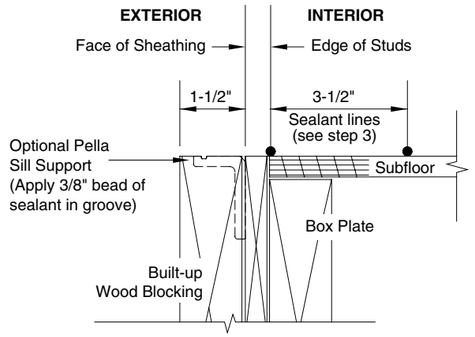
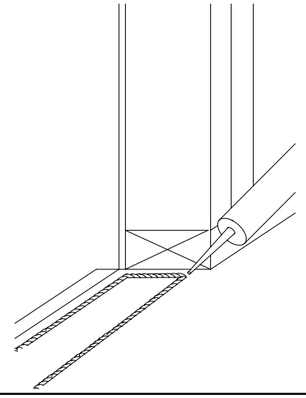
1 Check the Rough Opening: The floor and the header MUST be level and true. Level the sill using continuous wood blocking between the sill and the sub-floor. DO NOT use shims. The jambs MUST be straight, plumb and square with the sill.
The Rough Opening Height MUST = Door Frame + 1/2".
The Rough Opening Width MUST = Frame + 3/4".
Note: Installation nails will not hold the door frame in place if Styrofoam® or other "soft" sheathings are used on the exterior. Replace "soft" sheathings with solid material around the opening.



2 Install wood blocking or optional Pella aluminum sill support (shown as dashed lines) on the exterior of the box plate to support the edge of the door sill. Locate the blocking (or sill support) flush with the subfloor.



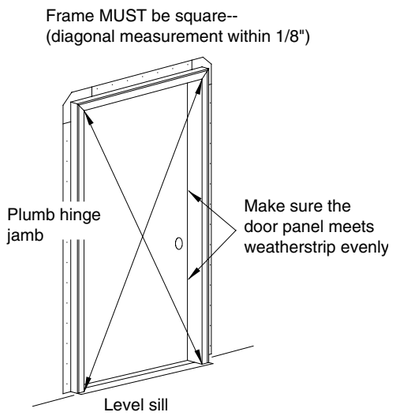
3 Apply two beads of quality sealant (caulk) to subfloor at locations shown. (See step 2)



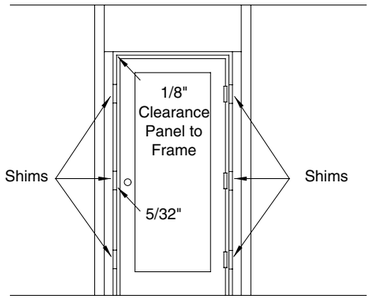
4 Apply a continuous 3/8" bead of sealant to the back side of the installation fin, across the head and down the jambs. Bead should be applied in the middle of the fin.

5 Remove the skid plate packaging from the bottom of the door sill. Set the sill into place first and then tilt the door into position. Do not slide the door into position as this will smear the sealant. Make certain the sill is straight and level.

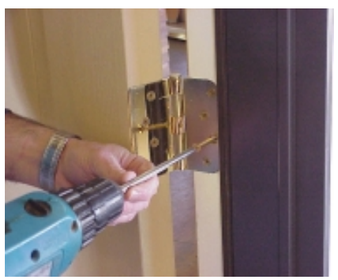
6 Plumb and square the door frame and nail through the fin at the corners only. Make certain the door frame is square by checking diagonal measurements. If these measurements are not equal within 1/8" remove the nails in the fin and adjust the door frame accordingly. Check for even contact between the door panel and the weatherstrip on the lock jamb and the head. If the door panel does not meet the weatherstrip uniformly, the wall is out of plumb and must be revised. Correct this situation before proceeding further.



7 Install solid shims (4" to 5" wide) between the door frame and the framing studs. There must be one shim at each hinge and one shim at the lock strike. Install other shims as needed to keep jambs straight.
When the door frame is square and plumb, and all clearances are correct, nail a 2" galvanized roofing nail in every pre-punched hole to secure the door frame in place.



8 Remove screws from the shipping clip attached to the lock jamb and remove the yellow shipping spacers as you open the door.
Through the open hole in each hinge, drill a 1/8" diameter x 2" deep hole into the stud. Drive one long (#10 x 2") screw (provided) through each hinge and shim into the stud.
(Not required if sidelights are attached)

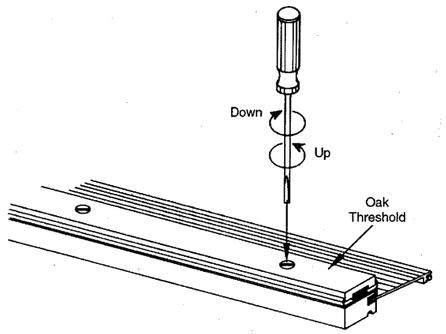


9 Through the lock strike, drill two 1/8" diameter x 2" deep pilot hole into the stud. Drive (2) screws through the lock strike and shim into the stud by others.

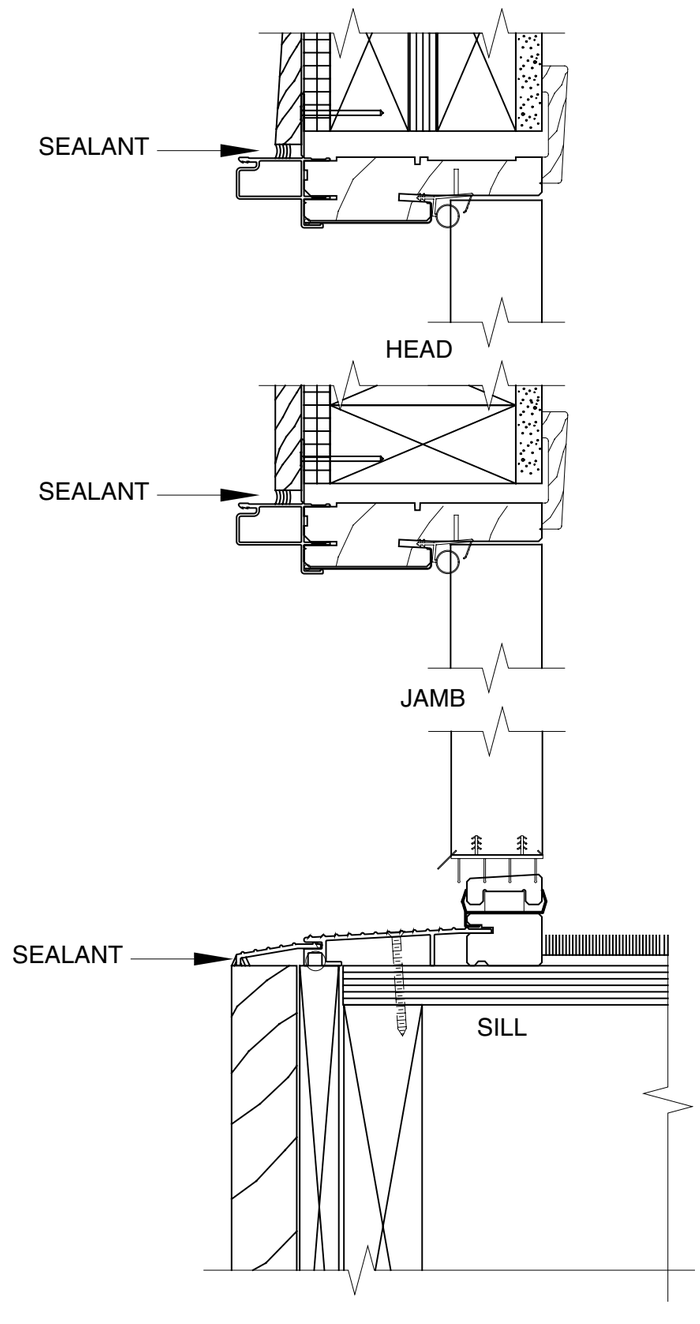
NOTE: At this point, if the operating clearances shown in Step 7 have not been achieved, factory-installed shims under the hinges can be removed.

10 Place a "dab" of sealant in each hole before inserting screw. Install #8 x 2" stainless steel screws (provided) through the pre-drilled holes in the sill into the sub-floor. There are 3 holes in a single door sill.

11 If the bottom of the door sweep is not making contact or if it is too tight, adjustments to the threshold may be needed. To lower the threshold, turn the screw clock-wise and reverse clock-wise to raise. The mohair dust pads may also need to be adjusted or replaced.



(12) Apply sealant to the perimeter of the door and the exterior siding as shown. Be certain to seal the ends of the sill to the support blocking and the siding.



Entry Door
Installation Instructions for Clad Frame

IMPORTANT: Read all instructions thoroughly before beginning. Failure to install as recommended will void any warranty, express or implied. Instructions are for typical construction. For types of installations other than shown, contact your local Pella representative.

Tools Needed

Tape measure
Level
Caulking gun
Drill
1/8" Diameter drill bit
Phillips screwdriver
Hammer
Square

Materials Needed

Quality sealant (caulk)
2" Roofing nails
4-5" Wide shims
#10 x 2" Flat-head screws

General Finishing Instructions: Ask a qualified paint professional to specify products that have good blocking resistance. Failure to use the right type of paint may result in a door that sticks shut even after the paint has dried.

Panel Cleaning Instructions: Remove protective packaging from door and any construction residue on panels and frames. Dry wipe dust from doors gently. Examine the door for possible smudges or fingerprints made from normal handling. Remove smudges with warm soapy water. Rub lightly to prevent damaging the surface. Let door and sidelight surfaces dry completely before applying finish.

Frame Finishing: The Entry Door clad frame exterior is protected by the Pella EnduraClad™ finish that needs 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. In salt spray environments, a quarterly fresh-water rinse of exterior cladding is recommended. Interior wood surfaces are factory-primed. For best results, finish promptly with (2) coats of quality latex paint.

Steel Panel Finishing: Steel door and sidelight panels (including glazing frames) are factory-primed. Paint promptly with (2) coats of quality latex paint. It is important to finish all exposed panel edges to reduce the chance of warpage.

Fiberglass Panel Finishing: Fiberglass door and sidelight panels may be painted or stained, if a wood look is desired. If painting, apply a thin coat of latex primer from top to bottom of the door surfaces, in the direction of the grain. Note: the glazing frames are factory-primed and do not require additional priming. Paint all surfaces promptly with (2) coats of quality latex paint. If staining, apply gel-stains per manufacturer's directions. Pella offers stain kits in a variety of colors. It is important to finish all exposed panel edges to reduce the chance of warpage.

Note on Exterior Insulation and Finish Systems (EIFS) and Similar Systems: Significant concerns have been raised regarding moisture problems associated with the use of EIFS (also known as "synthetic stucco") and similar systems with certain types of construction. The determination of the suitability of all building components, as well as the design and installation of flashing and sealing systems for each project, are the responsibility of the architect, contractor, installer and/or the manufacturer of the exterior finish system specified for the project. Pella Corporation is not responsible for the problems or damages caused by deficiencies in building design, construction, or maintenance, failure to install our products in accordance with approved methods, or the use of our products in systems which do not allow for proper management of moisture within the wall system.

CAUTION: This unit is glazed with tempered glass and, if broken, must be replaced with tempered glass in accordance with state and federal (16 CFR-1201) laws.

Product modifications that are not approved by Pella Corporation will void all warranties. After-market window films can cause glass breakage due to thermal stresses. Application of such films will void all glass warranties.

Pella® Window and Door Care Booklets are available from your local Pella Window showroom.

Printed in U.S.A.