

Single Hung And Sliding Window New Construction Installation Instructions

Prep Rough Opening (See Fig. 1)

The rough opening must be plumb, level, square and 1/2" larger than the window size in width and height, not including the nailing fins. Close and lock the sash to aid in keeping the window square during installation.

Note: Install sill flashing before the window is installed (refer to "Flashing" below). Apply a 3/8" continuous bead of silicone caulk to the interior side of the nailing fin, covering the holes in the fins, to seal the window's fin to the sheathing or house wrap. If the rough opening is larger than the window unit by more than 1/2", also apply the caulk to the sheathing or house wrap making sure the bead is no more than 1/4" from the edge of the rough opening, so that it is covered by the nailing fin when the window is installed.

Set Sill Shims (See Fig. 2A & Fig. 2B)

The sill of the window must be supported in a straight and level position, with shims at all locations where the jamb, intermediate jamb, or the stiles of the slider meet the sill. Place 1/4" shims on the sill plate of the window opening spaced as described above.

Set Window (See Fig. 2A & Fig. 2B)

Set the window on the shims centering the window left and right in the rough opening. Tack one upper corner of the nailing fin using a 1-1/2 galvanized roofing nail to hold the window in place. Check to see if window is still level and centered, readjusting if necessary. Do not force the shims into place pushing the sill out of level. Shim both sides of window as needed to assure window is plumb and margins are equal. Measure the window diagonally from the bottom left corner to the top right corner and from the bottom right corner to the top left corner to insure it is square. These measurements should be equal if the above was done correctly. Double check to see if the clearances between the sash stiles and jambs are equal, the meeting rail and lock rail align evenly and window locks engage smoothly.

Fig. 1

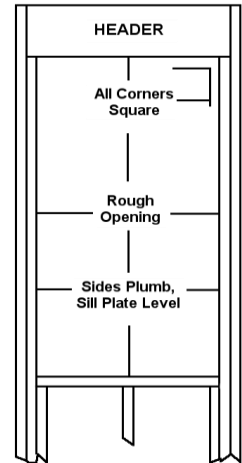


Fig. 2B

Slider Interior

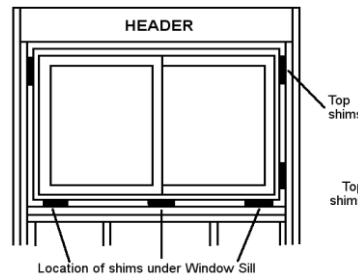


Fig. 2A

Single Hung Interior

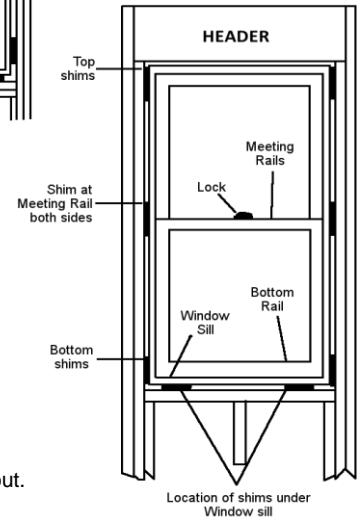


Fig. 3

Exterior View

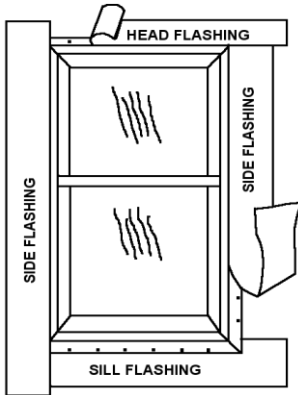
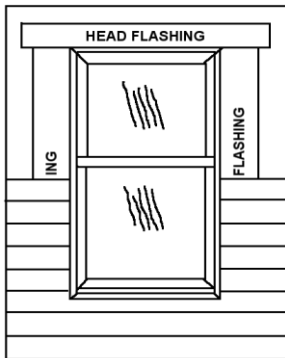


Fig. 4

Exterior View



Using Window Nailing Fins

Use 1-1/2" stainless steel or galvanized roofing nails

Nail the entire perimeter of the nailing fin to the sheathing using every other hole on single windows.

Nail the fin snug, but do not "sink" the nails. Nailing should be just tight enough to hold the window but not stop the movement of the "frame work" underneath during expansion and contraction. Make sure the head and sill are NOT crowned up or down, or jambs are bowed in or out.

Applying Flashing (See Fig. 3 & Fig. 4)

Use a water resistant flexible flashing material which has a self-adhering surface on one side, a minimum of 4" wide, approved for use on vinyl, wood and other substances such as house wrap.

****Sill flashing should already be applied prior to window installation and extend beyond the sides of the window nailing fin at least 2".**

Now apply the jamb flashing over the jamb-nailing fin, continuing over and beyond the sill flashing, approx 2" below. Apply the head flashing similarly extending 2" past either side of the jamb flashing.

Insulating

Batt insulation or a "NON" Expanding Window & Door Foam can be placed in the gaps between the window frame and rough opening. It is very important that these openings aren't "over-stuffed" to distort the frame.

Cautions:

- * Do not lay windows flat or store in the sun
- * Do not caulk or plug weep holes
- * Do not drill into or through the sill of the window
- * Do not lift the window by the top frame, only the jambs

Note: The manufacturer's warranty can be voided if these instructions are not followed.

Note: For screen removal, the operating sash needs to be removed