NEW CONSTRUCTION INSTALLATION

Preparing the Opening

1) Before installation, be sure you have read the instructions thoroughly. For Flashing, you may use Method "A" or "B".

2) Make sure window opening has a 1/4" clearance (both width and height) and is free from dirt or debris.

3) Apply a bead of high-performance caulk (within 3/8" from the edge) around the perimeter of the window opening where the nail fin of the window frame will be installed against the exterior.

Installing the Window

1) Lift and place the window into the rough opening, use the proper help and/or equipment needed to install window properly and safely.

2) Place the sill on the sill plate, shim if necessary (only under each jamb end). Press the window firmly into the caulk and loosely fasten one of the upper corners.

3) Check the sill for level and shim as necessary at the jamb ends. Check the frame for plumb and the jambs for straightness, shimming as necessary.

4) To make sure the window frame is perfectly square, take diagonal measurements.

5) Close the sash until it meets the edge of the window frame. To be sure the gap is even along the entire edge of the sash; check the reveal between the sash and window frame.

6) Fasten the window frame to the rough framing through the center of the slots in the nail fin, making sure to fasten window to wall in every other hole. Be sure that sealant makes full contact with nail fins, as well as jambs, header and sill. Secure the sill only after flashing has been placed behind it.

7) When fastening at the head and jamb, the frame should remain straight and not bow. This will prevent problems with the sashes operating correctly. Make sure no bowing in frame.

8) Install window wrapping tape according to the manufacturer's instructions.

Important: For brick applications allow a minimum of 1/4" between the frame and brick for expansion or thermal contraction.

Caution: DO NOT drill through the sill of windows to install alarms or for any reason.

Spray Foam: If you choose to insulate with spray foam over other insulation methods, then only use LOW EXPANDING WINDOW AND DOOR FOAM. DO NOT USE ANY OTHER TYPE OF SPRAY FOAM.

REPLACEMENT UNIT INSTALLATION

Preparing the Opening

1) Depending on the existing window style, remove sash and balance system (Pulley, Jamb, Liner, etc...)

2) Remove the sash bead. Score first with a razor knife and use special care in removal if the existing sash bead is to be reinstalled.

3) Cut the cords and remove the lower sash.

4) Remove parting bead, cut cords, and remove the upper sash.

5) Measure opening to be sure unit will fit properly. Allow minimum 1/4" clearance (both width and height).

Installing the Window

1) Remove existing window and clean the opening. Head, sill, and jambs must be free and clear of protruding objects (nails-pulleys).

2) Properly clean the opening of dirt and debris.

3) Install head expander and sill leg if necessary and where it applies. Caulk the blind stops and insulate sill.

4) Position window in opening with sash locked and compress it tightly against the caulked stops and sill.

5) Plumb, square, and level window in opening so that sashes equal with the main frame. To make sure the window frame is perfectly square, take diagonal measurements.

6) Install the installation screws centering the frame from side to side and checking to be sure the frame remains square. Shim each corner as you run the screws keeping the frame centered and square. When shimming under sill, only shim at the ends under the jambs. Ensure that fastening around the perimeter occurs at minimum every 24 inches.

7) Using wood shims or jamb adjusters make sure each jamb is straight and the main frame measures the same at the opening at the top, middle, and bottom. Insulate around all four sides of the frame.

8) Check window for proper operation, locking, and fit. Make adjustments as necessary.

Important: For brick applications allow a minimum of 1/4" between the frame and brick for expansion or thermal contraction.

Caution: DO NOT drill through the sill of windows to install alarms or for any reason.

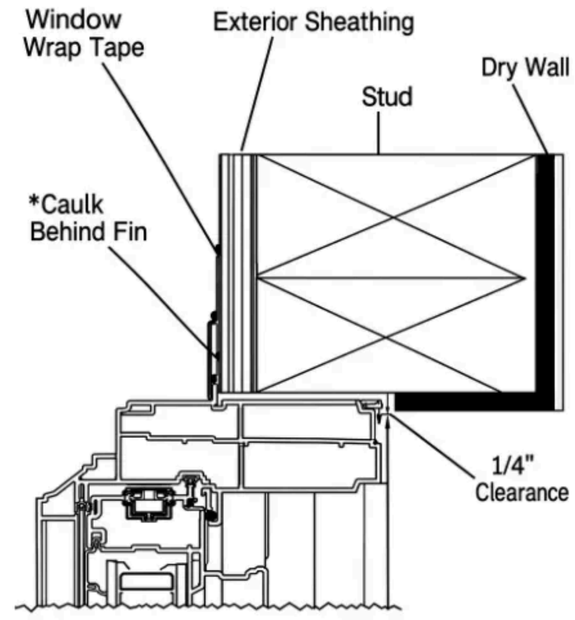
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