

## 2000 New Construction Picture Window Installation Instructions

Verify replacement window will fit into opening.

Place window in opening and temporarily secure to check for proper fit, locking and operation. Determine if sill extender or head expander is needed. Remove window from opening.

Install sill extender and head expander on window if required. It is recommended to use fiberglass insulation in cavity between window head and head expander. Fiberglass insulation will compress to permit installation of replacement window into opening.

Position window into opening and shim as required keeping a nominal 6mm (1/4") gap between old window opening and new window frame. Fasten window through the nail fin with #8 head screws of sufficient length to penetrate a minimum of 1 1/4" into substrate spaced on 9 1/2" centers or for added strength secure with a minimum of 20 screws, five at each frame member evenly spaced. For added security, screw window through the jambs with four #8 head screws of sufficient length to penetrate a minimum of 1 1/4" into substrate, one at the top and bottom of each jamb.

**Note: Screws must penetrate a minimum of 1-1/4" into wall stud. Screw length is determined by adding sheathing thickness to minimum screw length. (Example: sheathing thickness 1/2", 1-1/4" + 1/2" = 1-3/4" use 1-3/4" screw length. When installing screws do not over tighten as this may distort or damage window frame. Tighten screws snug against frame.**

Check for proper operation and locking. Apply a liberal bead of 100% silicone caulk continuously along the exterior perimeter of the window nail fin.

Window must be plumb, level, square and true to plane. Adjust window as required. Jamb adjustment screws are located in the inside sash track at the mid point of jamb on each side of the window. Turning the screws in a clockwise manner will move center of jamb towards the sash. The adjustment is necessary to give a close and even alignment of sash to jamb and proper compression of weather-stripping. Spacing between sash and frame should not exceed 1/16" each side.

Adjustments may have to be made several times until satisfactory operation and performance is achieved. Adjustments can also be made by loosen or tighten installation screws.

Check all installation screws to insure window is properly fastened to opening.