Seven D Industries, L.P.

Installation of Series 4000 Double Hung Using Applied Nail Fin System

General

Proper installation is essential for the maximum performance of this window. Please read these instructions completely before starting installation of window.

The application of the Applied Nail Fin System will increase the overall window dimensions ¼" in width and height over the standard Series 4000 Double Hung replacement window dimensions. Verify larger window size will fit into rough opening before beginning installation process.

The usage of the Applied Nail Fin System requires the removal of the jamb adjuster located at midpoint of jambs. To remove, pry jamb adjuster upward under clear plastic ring with a putty knife and pull from window jamb. Tape over jamb adjuster hole or fill hole with sealant.

The design of the Applied Nail Fin System creates a snap fit between nail fin and window frame.

Proper orientation of the Applied Nail Fin System is to position the short side from upturned leg of fin to the exterior side of window.

Applying Nail Fin

Starting with the head, apply a bead of 100% silicone sealant along the interior side of the exterior snap leg. Bead should be large enough to form a watertight seal between window frame and applied nail fin.

Position Applied Nail Fin over head and press exterior leg into silicone sealant; continue installation by snapping Applied Nail Fin onto window head. Snapping of nail fin onto window head may require tapping with a soft-faced hammer or carpenters hammer with a wood block.

Remove any sealant that may have squeezed out of seams, repeat this process on the remaining three sides on the window.

Seal seams of Applied Nail Fin System at all four corners with a 100% silicone sealant to prevent air and water infiltration into window unit.

Window Installation

Apply a liberal bead of 100% silicone caulk continuously along the outside surface of the rough opening. Bead should be positioned a maximum 1/2" from perimeter of rough opening and large enough to form weather tight seal with window nail fin.

Position the window into rough opening centering within the opening and pressing frame against wall, secure window sufficiently at the head to check for proper operation and locking.

Window must be plum, level, square and true to plane. Adjust and shim as required to insure proper operation of window product.

NOTE: DO NOT SHIM WINDOW HEAD! Allow for rough opening to sag with out interference of window operation.

Note: Nails must penetrate a minimum of 1-1/4" into wall.

This instruction calls out usage of a galvanized nail for anchoring purposes, however a #8 Pan or Truss Washer Head screw of same length as nail can be used.

Do not over drive nail into nail fin as to deform nail fin and compromise seal between window and exterior wall. Use caution in cold temperatures, as vinyl will become brittle and subject to cracking very easily. Do not install nails through any other surface of the window other than the nail fin as they may compromise the performance of the window**.**

Starting at one of the top corners of the window unit. Install a galvanized roofing nail of sufficient length through nail fin anchoring the window to wall. Repeat procedure at other upper corner.

Recheck window for level, plumb, square and true to plane, adjust if necessary.

Anchor bottom corners of window to wall. Recheck window for level, plumb, square and true to plane, adjust if necessary.

Starting at any corner, continue installation procedure by installing a nail approximately 10 inches on center hole perimeter of window unit.

Additional Required Anchorage

The Applied Nail Fin is a snap on style system therefore addition fasteners must be installed through the jamb into the wall construction.

During the window manufacturing process holes were drilled through the lower sash track at the head of the window. The holes are located under the sash stop. Shim between the window and wall construction where holes are located and install a #8 x 2-1/2” flat head screw through holes into wall.

Additional installation screw holes must be drilled at midpoint of window and at sill of each window jamb. Drill a 1/8” diameter hole through lower sash jamb track at mid point of window and approximately 4-1/2” above window sill. The holes should be centered within the sash track.

Shim between window and wall at each location and install a #8 x 2-1/2” flat head screw. Screw head must be flush with surface of sash jamb track to avoid interference with window components and window operation.

Additional Installation Procedures

Ensure windows operate correctly, free from binding or other defects.

Fill cavity between window and rough opening with fiberglass insulation. Do not overfill, as overfill will cause binding of sash during operation. Do not use foam fill, as foam fill will expand and bow frame when cured. Recheck operation of window.

Caulk around perimeter of window.

Clean all window surfaces to remove soil with a solution without abrasive cleaners or containing corrosive solvents.

Leave window unit in a closed and locked position.