

Noah Merrill New Construction Window Installation Instructions



PREPARING THE OPENING

Window units have strap applied from jamb to jamb across interior of window to help keep frame from bowing during installation. Do not remove strap until window is fully installed.

Rough opening should be ½" wider and ½" higher than the unit dimension of the window frame. Care should be taken when framing the rough opening to ensure the sill plate is level and the opening is square, plumb, and level.

Apply weather resistant barrier to face of structure below sill of rough opening extending past sides of rough opening the width of the barrier. Apply a continuous bead of sealant around the window opening ¾" from edge of window opening.

INSTALLING WINDOW WITH NAILING FLANGE

(no exterior casing)

Center the window in the opening. Level at the sill and plumb the frame. Shim as necessary to position window squarely in frame.

Once level, tack nailing flange within 4" from the head with 2" roofing nails.

Install shims between jambs and opening 4 to 6" from the head to square window in opening. Measure diagonals and adjust shims until unit is square and plumb in opening.

Once square, tack lower corners of nailing flange and recheck for square.

Next, shim 4 to 6" from the bottom corners and recheck diagonals for square. Shim every 15" on center and especially at center of unit. Measure across top, center and sill of unit to make sure all width dimensions are equal. Adjust shims as necessary. Check between sash and frame for consistent reveal and check sash for proper operation.

Finish securing nailing flange around perimeter of unit with fasteners every 6 to 8" on center. Apply strips of weather resistant barrier vertically along the exterior sides of the window unit covering the nailing flange. Strips should extend below and above the window frame overlapping previously applied sill strip and extended above the window the width of the weather resistant barrier. Next, apply a horizontal strip of weather resistant barrier over the head of the window also covering the nailing flange and overlapping the full width of the vertical strips. If air barrier has been used, fold down and tape diagonals. Note: Nailing flange does not constitute flashing for the top of the window unit.

Make sure to use adequate flashing along head of window. (See "All Units" below.) Loosely install insulation* in opening around window unit from interior.

INSTALLING THE WINDOW WITHOUT NAILING FLANGE

(when unit has factory applied casing)

Center the window in the opening. Level at the sill and plumb the frame. Shim as necessary to position window squarely in frame. Use a straight edge or string to make sure sides do not bow in or out.

Once level, fasten factory installed top brackets to rough framing on interior wall.

Install shims between jambs and opening 4 to 6" from the head jamb to square window in opening. Measure diagonals and adjust shims until unit is square in opening.

Once square, attach lower installation brackets at bottom of unit with roofing nail or sheetrock screw. Secure brackets, but do not over tighten.

Next, shim 4 to 6" from the bottom corners and recheck diagonals for square. Shim every 15" on center and especially at center of unit. Measure across top, center and sill of unit to make sure all dimensions are equal. Adjust shims as necessary. Check between sash and frame for consistent reveal and check sash for proper operation.

From interior install remaining installation brackets around framing studs by nailing thru one hole with roofing nail or attach with sheetrock screw. Loosely install insulation* in opening around window unit from interior.

ALL UNITS

Install a head flashing along the head jamb or head jamb casing. Apply a bead of sealant along the backside of the head flashing on both the horizontal and vertical surfaces†‡.

WARNINGS!!!

*Expanding foam should not be used around window unit. Use of expanding foam can void manufacturer's warranty.

†This product has a special maintenance-free cap-stock finish; field painting the exterior of the window will void the warranty.

‡Immediately following installation, all windows with Natural Wood Veneer interior must have a top quality finish applied to the wood surface. Periodically refinish as needed

