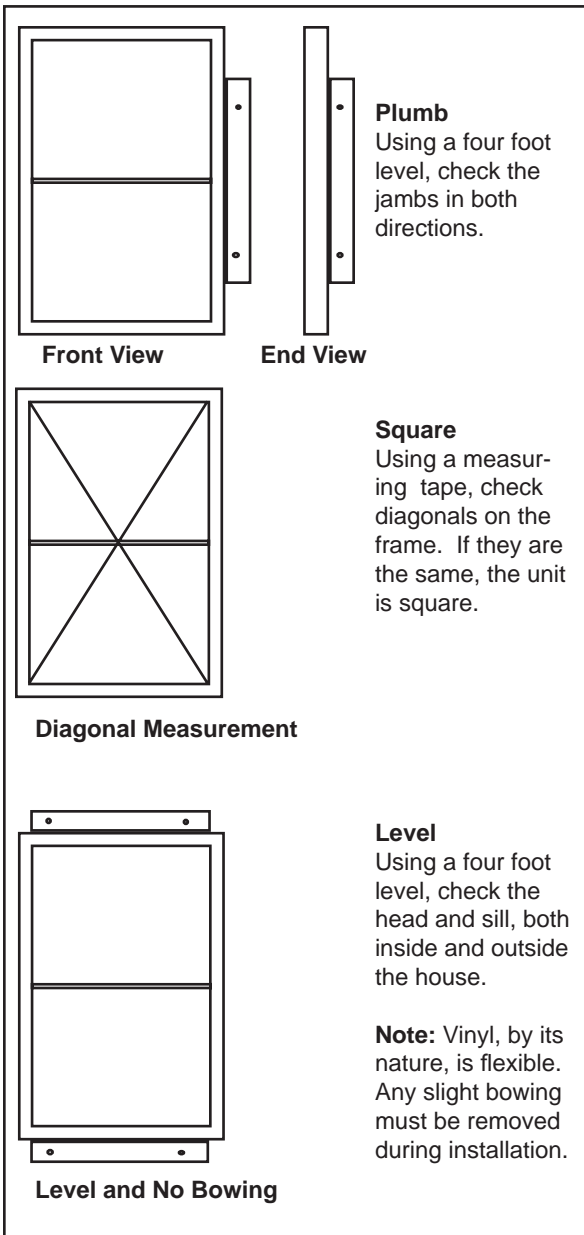


# Installing Your New Construction Window

The following must be done to insure warranty coverage. All vinyl new construction windows are designed to be installed plumb, square and level. If the installer does not meet these simple requirements, the appearance, operation and weatherability of the unit will be affected.



**Plumb**  
Using a four foot level, check the jambs in both directions.

**Square**  
Using a measuring tape, check diagonals on the frame. If they are the same, the unit is square.

**Level**  
Using a four foot level, check the head and sill, both inside and outside the house.

**Note:** Vinyl, by its nature, is flexible. Any slight bowing must be removed during installation.

**Lay window** on a flat work surface (exterior side down). Window should be closed and locked. Carefully slit the plastic stretch wrap while using it to protect the window from scratches. Caulk around perimeter of unit on back of fin or caulk around perimeter of opening on exterior sheathing. Set window into rough opening from outside with integral nailing fin (flashing) overlapping exterior sheathing, seating it into caulk (on fin or sheathing). Center window in the opening (there should be approximately 1/4" - 3/8" space on sides between stud and side jamb). Partially secure one top corner with 1 3/4" galvanized roofing nail driven through predrilled integral nailing fin (do not set nail at this time).

**Note:** When installing on foam board sheathing, you must use special anchor/collar nails or nailing fin must be installed under the foam board.

**Note:** Nails should penetrate wood stud behind exterior sheathing by 1/2". Use appropriate nail length and/or adjust nail gun for depth to set nail.

**Level** window (check at sill and head). **Shim** under all windows. Place "wedge" shim under each side jamb (also under each mull section of multiple units and one under the sill of units 3-0 and wider...do not over shim sill applications). Check level again at sill and then nail opposite top corner through hole in nailing fin.

**Plumb vertically** two ways: side-to-side and front-to-back. Shim window on sides at ends of meeting rails (center point). Use "wedge" shim and check that sides are straight and plumb...(do not over shim).

**Check** sash for easy operation; **close window and lock**...check rails will align if unit has been installed plumb and square. Complete installation on the outside by driving 1 3/4" galvanized roofing nails all around perimeter. Top piece of asphalted building paper may now be applied over top nailing fin, when unit is secured in place (shimmed and nailed).

**Apply** exterior siding, stucco, brick, etc. Allow **sufficient clearance** around perimeter of windows. Caulk around entire perimeter of window unit and under sill. **Note:** when brick veneer is used as exterior finish, **clearance must be left for proper caulking** between brick and window sill. Failure to do this can result in damage and bowing of sill caused by shrinking and setting of wall's structural lumber underneath. Check installation and sash operation before trimming exterior. Sash will not operate smoothly if unit is out-of-square or is over-shimmed.

