

# Installation Instructions for New Construction Windows (Page 1 of 2)

## Tools Required:

- Power Drill
- Caulking Gun
- Measuring Tape
- Pencil
- Square
- Hammer

## Materials Required:

- Shims
- Caulking
- Screws
- Window and Door Foam
- Water and Ice Guard
- Window Tape

**Please Note: All the above materials can be purchased from Thermo Seal and are generally In-Stock.**

**REMEMBER: ALWAYS USE THE APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT.**

**IMPORTANT:** Always lift vinyl windows at jambs for added safety and prevention of component damage. Do not drag. Stack no more than five windows against each other. Store windows in a near vertical position; **never lay flat. Remove stretch wrap; store in a cool, shaded area. Un-installed wrapped windows may warp in extreme heat or direct sunlight.**

**CAUTION:** Always use appropriate assistance to lift and place large units so as to avoid possible personal injury or product damage.

**IMPORTANT:** Thermo Seal will not be responsible for finishing imperfections. Thermo Seal will not be responsible for damage from unapproved finishes or cleaning chemicals, which may cause adverse reactions to window or door materials. In doubt, contact your local Thermo Seal Sales Representative. Unapproved product modifications will void all warranties. Application of after-market window films can cause glass breakage due to thermal stresses. Application of such films will void all glass warranties.

Seek advice from sealant manufacturer, EIFS manufacturer and EIFS designer when installing any product that penetrates an EIFS structure.

Check your local building codes before installation. Local building code requirements replace these recommended installation instructions. Improper installation and care may void warranty.

**CAUTION:** Caustic or abrasive cleaners, silicone-based solvents, petroleum- or silicone-based lubricants, or insecticides on or near frame or sash surfaces may damage or discolor the PVC.

### WARNINGS:

- Thermo Seal window and door insect screens are intended only for insect control. They are not designed as a safety barrier or to restrain children.
- Drilling through window frame or sash for security system installation will decrease window performance.
- Safety glass must be specifically ordered. Broken glass can fragment and cause injury. Many laws and building codes require safety glass to be used under certain conditions.
- The manufacturer assumes no responsibility for failure, damage or injury resulting from inadequate or improper installation, inappropriate product care, or use in applications that exceed product rating.

See the product warranty for additional conditions and limitations.

Install these windows into an wood frame, from outside the home. **Weep holes direct moisture out of the window frame and must be placed at the sill on the exterior of the opening.**

**1.** Run Water and Ice guard that extends 12" (minimum) wider on each side of opening, beginning approximately 4" up from the bottom of the opening, and down to the bottom of the wall, so any water would weep out on top of concrete foundation. (Cut out opening)

**Note:** This is a recommended procedure but not required

**2.** Be sure window dimensions are correct before beginning

**3.** Place the window in the opening for a test fit.

**4.** Check the opening for square before proceeding. The sill of the rough opening must be in continuous level condition to provide support the entire length of the vinyl window. Level using a continuous shim or level the sill plate itself.

**IMPORTANT: Only use an approved spray-in foam (or purchase from Thermo Seal) to avoid problems caused by foam over-expanding.**

**5.** Apply a bead of sealant along the perimeter of the opening.

**6.** Place (2) 1/4" shims on the bottom of the opening and place the new window into the rough opening to where it sits on the shims at the bottom and center the window in the opening. Nail the bottom (2) corners of the window. Open both sashes slightly to where you have a small gap between the sash and the frame and move the top of the frame until your reveals are perfect (Illustration 1A & 1B) and then nail the top (2) corners.

**7.** Now sight the vertical main frames and make sure that they are perfectly straight and nail the verticals and finish nailing the horizontals.

**8.** Use butyl or acrylic window tape, and start with the bottom of window, on top of nail flange, and out 4" on either side of window. (Or 6" depending on the width of the tape.) Then do the 2 heights, going up past the window 4", and lapping the bottom down over bottom side of the bottom tape. Lastly, run the top width across the top and lapping out over to the outside edge of the 2 vertical tapes.

**9.** Using an approved minimal expanding window and door foam (available from Thermo Seal), fill the gap on the inside between the window and the rough opening.



**Illustration: 1A**



**Illustration: 1B**



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