



HANDLING AND INSTALLATION INSTRUCTIONS

Please inspect this product upon delivery, and report any damaged or missing parts !

1. Handle with care! Vinyl may crack under sudden impact. Use extra caution when temperatures drop below 45° F.
2. Improper storage may damage vinyl frames. Store windows and doors upright. Do not lay flat. Place in dry, shaded, and ventilated area to avoid moisture and excessive heat, which may cause frame distortion.
3. Avoid stacking more than ten (10) units together, and avoid leaning stacks against columns/poles. Doing so may cause frame damage or distortion. Support sills evenly to prevent sagging or bowing.
4. Grip sides to lift. Do not lift unit by the head.
5. Protect from paint, plaster, concrete, and any other material that may scratch or stain vinyl or glass.
6. As needed, wash units before installing. Use only clean water or window cleaning products.

BASIC INSTALLATION RECOMMENDATIONS* for installation with nail fin in stud frame construction

Based on AAMA 2400-02.

NOTE: These instructions reflect common practice using readily available materials. Installation practices are subject to change as new methods are developed and proven. Other methods designed and proven to integrate window frames with other building enclosure elements to protect buildings from water or moisture intrusion are acceptable.

Prepare opening:

1. Verify correct window for each opening. Check for safety glass identification mark. Building codes require safety glass in certain locations.
2. Lock window sash during installation to help maintain frame squareness. Remove shipping blocks and pads.
3. Prepare rough opening according to building design. Verify gap between rough opening (R.O.) and window frame to be ¼-inch to ½-inch wide for expansion, shimming, and insulation.

Installation method I:

1. Apply 9-inch minimum moisture barrier paper (window wrap) across R.O. sill (Figure 1). Seal or fasten top edge of paper only, until step 11. Self-adhesive paper recommended. Install sill pan or other sill drainage device if required by building designer.
2. Apply exterior-grade caulking, minimum ¼" bead diameter, to backside of side and head nailing fins along the edge. Do not caulk sill fin unless required by building design specifications.
3. Set window in opening and secure temporarily with one or two fasteners. Do not drive fasteners in all the way.
4. Adjust window to plumb, square, and level. Use shims as needed. Sill may rest directly on level sill plate. Sill must have full support. For sliding windows 30 sq. ft. and greater this includes exterior portion of sill beyond nailing fin.
5. Check for uniform margin around sash and adjust frame as needed. Reapply sealant if necessary due to adjustments.
6. Fasten window using galvanized fasteners spaced 6 to 12 inches apart using holes in nailing fin. Avoid nailing within 6 inches of frame corners. Fasten all sides, including header.
7. Apply 9-inch (minimum) window wrap over side nailing fins. Repeat at window head (Figure 2). Use adhesive-backed paper or apply caulking to nailing fin and imbed edge of paper in caulking.
8. Replace or patch with caulking any holes, gaps, or torn sections of window wrap.
9. Install building wrap (membrane) over window wrap, overlapping each course of wrap. At sill, tuck building wrap under sill section of window wrap (Figure 3). Finish sealing or fastening sill window wrap in place.

Installation method II:

1. Install building wrap. Cut back wrap 2 to 3 inches at head and sides. (Figure 4)
2. Cut a 6-inch flap in building wrap full width of opening above header. Tape or tack flap up. (Figure 4)
3. Follow steps 1 through 7 of Method I, above.
4. Fold building wrap flap down over header wrap. Seal edge with caulking. (Figure 5)
5. Seal all seam and joints. Replace or patch with caulking any holes, gaps, or torn sections of window wrap.

Finish, method I and II:

1. After installing siding and trim, fill gaps between exterior siding or trim and vinyl frame with exterior grade caulk.
2. DO NOT BLOCK WEEP HOLES. Inspect and re-caulk periodically as needed to maintain weather-tight seal.
3. Add insulation between window or door frame and R.O. from interior. Use loosely packed fiberglass insulation or other non-expanding insulation. **CAUTION!** Over-filling cavity with insulation may damage window or door frame.
4. Remove construction debris and dirt from sills and tracks before operating sash. Clear weep holes of any blockage.
5. Remove all labels from glass as soon as possible following final building inspection.
6. Clean glass and exposed vinyl surfaces using only water and mild detergent or window cleaner with clean cloth.

ADDITIONAL RECOMMENDATIONS FOR PATIO DOOR INSTALLATION

1. Install a sill pan or apply silicone caulking under sill in 2 or more thick beads to create a continuous seal.
2. Insert shims at the lock jamb behind the strike. Then install long 3-inch screws through strike.
3. Panel rollers are adjustable. Find the adjustment screws at the bottom corners of the door and raise or lower as needed for smooth operation and uniform margins around the panel.

IMPROPER HANDLING, STORAGE, OR FAULTY INSTALLATION MAY RESULT IN DAMAGE, BUILDING ENVELOPE FAILURE, OR PRODUCT FAILURE NOT COVERED BY WARRANTY. MANUFACTURER ASSUMES NO LIABILITY FOR FAILURE, DAMAGE OR INJURY FROM FAULTY INSTALLATION, MAINTENANCE, OR USE IN CONDITIONS THAT EXCEED PRODUCT RATING. PURCHASER IS RESPONSIBLE FOR SPECIFYING PRODUCT REQUIREMENTS FOR COMPLIANCE WITH APPLICABLE LAW AND BUILDING CODES. SEE WEATHERVANE PRODUCT WARRANTY FOR ADDITIONAL INFORMATION.