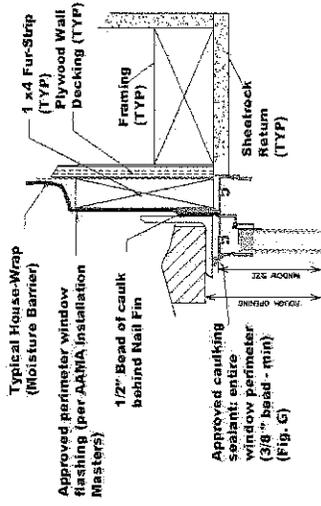




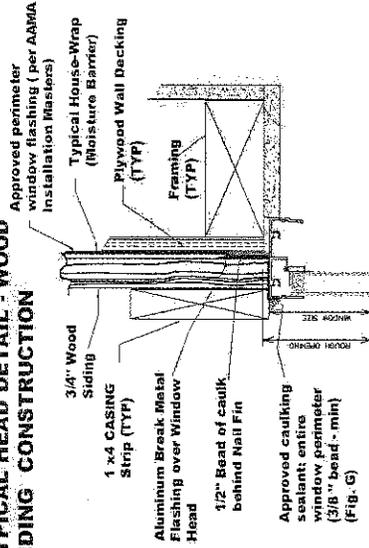
New Construction Window Installation Instructions

1. Read all instructions thoroughly before beginning the installation of the windows. These instructions are intended as a basic guide for installing new construction All Seasons aluminum windows.
2. Inspect unit for correct size, type, damage and correct installation information for your application. If a problem exists with any of these areas contact your distributor before installing. Begin by measuring the rough opening. The window should have approximately 1/4" around the perimeter of the unit. Also check sill plate to ensure it is level. (Fig. A) If sill is not level make corrections at this time.
3. Nail fin of the window must be sealed with the proper grade of sealant and flashing to prevent water infiltration around the window. The proper grade will depend on the surface the nail fin will be sealed against. Always make sure that the material used is compatible.
4. Run a continuous 3/8" bead of sealant around the inside perimeter of the nailing fin (Fig. B). **WITH THE WINDOW CLOSED AND LOCKED**, place temporary shims at each corner of the rough opening where the jamb meets the sill plate. **With the SASH CLOSED AND LOCKED**, insert the window from the outside and rest it on the shims. Make sure there is a 1/4" gap between the sill plate and window frame to allow for fluctuations in building materials and window unit. (Fig. C).
5. Using a corrosion resistant fasteners that will penetrate a structural member at least 1" begin by nailing through the nailing fin in either the top left or the top right corner of the window. **Check that the window is centered, plumb, level, square and true in the opening**, and then nail the bottom opposite corner at the sill. (Fig. D). In vinyl windows nail only through pre-punched holes in nail fin, loosely to allow for expansion and contraction. Take care not to damage nail fin by over tightening fasteners.
6. Measure the unit diagonally in both directions to ensure the square-ness of the window. (Fig. E). **If the window is out of square of the sill is bowed, the overlapping and interlocking meeting rail may not seal properly even if the sash locks.** Adjust the window as necessary to correct any deficiencies above.
7. Check the reveal along the jambs to determine that the window is centered in the hole. If there are any uneven reveals (gaps), adjust the window and shim accordingly. Check operation and make any further adjustments. To complete the anchoring of the unit continue to attach with fasteners a minimum of every 12" on center.
8. Using an approved flashing material (designed for that purpose) with a minimum width of 6", cover over the nailing fin and all exposed fasteners around the outer perimeter of the window in a "weatherboard fashion" following procedures recommended for new construction window installation under "AAMA Installation Masters" guidelines. (SEE Fig. H). For more information on this, go to American Architectural Manufacturers Association website at www.installationmastersusa.com/installers.htm
9. Loosely pack insulation around the window frame, on the interior, between the frame and the opening. The use of expandable foam will bow the jambs and sill and is not generally recommended (**SEE FOAM INSULATION WARNING**).
10. To finish off the exterior of the window when applying brick, stone, stucco, etc., make sure to leave a 1/8" gap around the entire window frame to allow for fluctuation and expansion of materials and mortar. Be sure to use the proper grade of sealant to seal the entire perimeter of the window (Fig. F), running a (minimum 1/2") bead that makes full and continuous contact with no skips or voids. Do not leave any gaps where water or outside elements can penetrate into the home. Seal all areas that are prone to air or water infiltration. Make certain that the weeps on the outside of the window (Horizontal Sliding Units only) are open and that water can drain from the sill and out of the weeps. (see AAMA)
11. Finish off the interior of the window. Check the window to be sure it operates properly. (Fig. G).
12. Note: These instructions are designed for operating single hung or horizontal sliding windows, and are equally applicable for fixed picture window units, with obvious exceptions concerning operating moving sashes.

TYPICAL HEAD DETAIL - BRICK CONSTRUCTION



TYPICAL HEAD DETAIL - WOOD SIDING CONSTRUCTION



Note: These are cross-section views of typical installation (2x4 construction with a Brick Veneer and wood siding). For EFIS applications, follow EIMA guidelines (www.eima.com).

SELF ADHESIVE WINDOW FLASHING

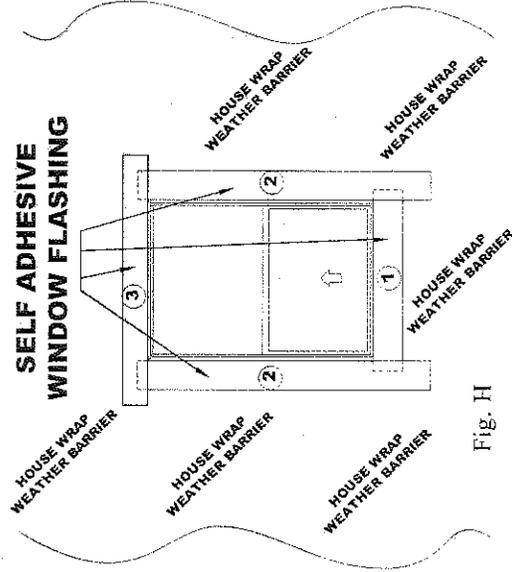


Fig. H

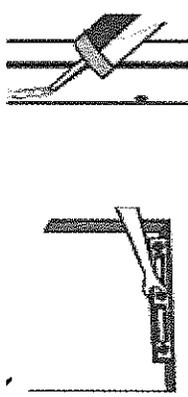


Fig. A



Fig. B

Fig. C

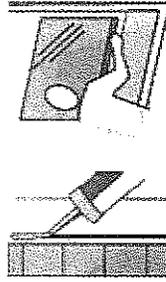


Fig. D

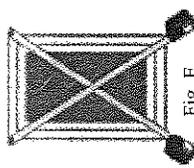


Fig. E

Fig. F

AAMA and/or EIMA guidelines supercede these instructions.

<http://www.eima.com/technicaltools/eifconstructionguidelines/>

FOAM INSULATION WARNING:

The use of expanding foam-type insulation around the window may cause damage or impair operation. Any repairs to or replacement of any window necessitated by the use of expanding foam-type insulation is not covered by the warranty. Spaces around the window should be filled with loosely packed batten-type insulation.

CLEANING & CARE

- 1-Do not clean with any petroleum based products or abrasive materials. Use warm water and mild detergent only.
- 2-Keep weep holes clean and free from debris.
- 3-Lubricate moving parts with a dry silicone spray.