



More Than A Window.™

## **Alliance Window Systems New Construction Installation Guidelines**

### **Preparing the Opening**

- Before installation, read instructions thoroughly and be sure window is closed and locked.
- Make sure window opening is free from any dirt or debris. In order for the caulk to work properly both surfaces must be clean and dry.
- Apply a bead of high-performance caulk (within 3/8" from the edge) around the exterior perimeter of the window opening. This becomes the primary seal between the window and the building.

### **Installing the Window**

- Lift and place the window into the rough opening, use the proper help and/or equipment needed to install window properly and safely.
- Place the sill on shims located on the sill plate. Press the window firmly into the caulk and loosely fasten one of the upper corners.
- Check the sill for level, shim as necessary at the jamb ends. Check the frame for plumb and the jambs for straightness, shim as necessary.
- Open the sash and close it almost to the sill (SH, DH) or jamb (sliders). Insure that there is an even gap or margin between the sash and the frame, and that the sashes are square with the frame.
- Verify squareness by checking diagonal measurements.
- Fasten the window frame to the rough framing through the center of the slots in the nail fin. **DO NOT OVER NAIL FINs**, fins should be parallel with sheathing. Over nailing can twist jambs and impair sash operation. The frame should remain straight and not bow. This will prevent problems with sashes operating correctly.
- Cover nail fin with 4-6" width of ice and water shield or similar product to further prevent water penetration.

**Important:** For brick applications allow a minimum of 1/4" between the frame and brick for expansion and settling.

**Caution: DO NOT DRILL THROUGH THE SILL OF ALLIANCE VINYL WINDOWS TO INSTALL ALARMS.**