

# HURD ALUMINUM CLAD, WOOD, VINYL WINDOWS

## INSTALLATION GUIDELINES

Hurd Windows & Doors recommends utilizing an InstallationMasters™ Certified Installer or an experienced professional contractor who practices InstallationMasters installation methods to provide for proper operation and a weather tight seal to the building. Contact your Hurd Distributor for further information. These installation procedures are general guidelines for standard wood frame construction; other methods can be utilized at the discretion of the architect or installer to provide a weather tight installation. Hurd Windows & Doors is not responsible for the completeness or quality of installation.

Nailing fins DO NOT take the place of standard window flashing. Windows must be properly flashed to provide a weather tight seal.

Failure to adequately install and properly maintain will void any warranty, written or implied. The Installer is responsible for proper installation guidelines in accordance with any local/state applicable codes and/or ordinances.

Check size (width and height), plumb, and squareness of the rough opening. Remove all packaging materials and installation accessories from the window units and inspect for damages or shortages. Immediately inform your distributor of any damage or shortages. ALL WINDOW UNITS MUST REMAIN CLOSED AND LOCKED DURING INSTALLATION.

The following guidelines are required for proper installation and for the unit to meet advertised designed pressure (DP) ratings.

### ALUMINUM CLAD & VINYL UNITS

- A: Level the sill rough opening with high impact plastic shims as needed.
- B: Units installed without the sill nailing fin require the use of a sill pan. See Figure 1 for proper sill pan sealant applications.
- C: Apply a continuous 3/8" diameter bead of compatible sealant to the perimeter of the rough opening. Be sure to align it with the pre-punched slots in the nailing flange.
- D: Immediately set the unit into the center of the rough opening.
- E: Shim as needed to square the unit into the rough opening.
- F: Fasten the upper right hand corner through the pre-punched slot of the nailing fin using a non-corrosive roofing nail or screw long enough to penetrate a minimum of 1" into the rough opening framing members.
- G: Check the unit for square, level, true and plumb. Shim as necessary.
- H: Fasten through a pre-punched slot of the nailing fin in the lower left hand corner diagonally opposite the first fastener.
- I: Re-check the unit for square, level, true and plumb.
- J: Fasten each pre-punched slot in the sides, top and bottom of the nailing fin.
- K: Apply compatible sealant over the top of the nailing fin fasteners and pre-punched slot locations, tooling smooth for a proper seal
- L: Apply a generous amount of sealant into all four corners between the rough opening and the window unit to fill any voids.
- M: Apply compatible sealant around the perimeter of the unit where the nailing fin meets the exterior frame of the window and tool smooth. (See Figure 2 for location.)
- N: Apply the self adhesive corner pads. (See instructions on back of the corner pads)

### WOOD UNITS (Prime or Natural exterior)

- A: Level the sill rough opening with high impact plastic shims as needed.
- B: Install sill pan (See Figure 1 for proper sill pan sealant applications)
- C: Apply a continuous 3/8" diameter bead of compatible sealant to the backside surface of the side and head brickmolds.
- D: Immediately set the unit into the center of the rough opening.
- E: Shim as needed to square the unit into the rough opening.
- F: Fasten the upper right hand corner of the side brickmold using a non-corrosive casing nail long enough to penetrate 1" into the rough opening framing members.
- G: Check the window for square, level, true, and plumb. Shim as needed.
- H: Fasten the lower left hand corner of the side brickmold diagonally opposite the first fastener.
- I: Re-check the unit for square, level, true and plumb.
- J: Fasten the side and head brickmold every 6-8 inches; re-checking the unit to ensure the unit for square, level, true and plumb.

### COMPLETING THE INSTALLATION FOR ALUMINUM CLAD, VINYL & WOOD WINDOWS:

- A: Check all units for proper operation.
- B: Remove the installation block from the bottom sash on Vinyl Single and Double Hung units.
- B: Casement units will require solid shimming between the lower hinge jamb and the rough opening. (See Figure 3 for location.)
- C: INSULATE: To avoid distortion of the frame, loosely pack with fiberglass insulation around the interior perimeter of the window frame and the rough opening. (Note: Low/Minimal expanding foam may be used, care must be taken not to distort the frame.)
- D: Allow a 3/8" gap between the window frame and the exterior finish (Siding, Masonry/Stucco) materials of the building. Seal this gap with a proper sized backer rod and compatible sealant along the sides and sill. (Note: Do not seal the gap above the head drip and exterior finish to allow for proper drainage.)
- E: Wood exterior units require all nails to be set below the wood surface and the nail holes and any open joints be filled with a quality exterior wood filler and primed.

### ADDITIONAL NOTES:

DRIP CAP is to be installed above all windows  
 VINYL UNITS REQUIRE THE WEEP HOLES ON THE BOTTOM FRAME INTERIOR AND EXTERIOR BE OPEN FOR PROPER DRAINAGE.  
 WARNING: Windows covered during construction must be properly ventilated to prevent possible glass breakage or vinyl components to distort.  
 CAUTION: DO NOT PAINT OR STAIN ANY VINYL COMPONENTS OR HARDWARE.  
 DO NOT paint or stain sash edges that ride on vinyl tracks on double hung or sliding windows.  
 ALL EXPOSED WOOD SURFACES MUST BE FINISHED AND SEALED WITHIN 30 DAYS OF INSTALLATION.  
 CONTACT your Hurd Distributor for a "Hurd Care and Maintenance Guide" for general product information and maintenance.

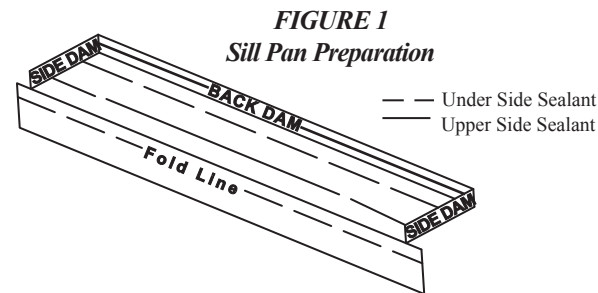


FIGURE 2

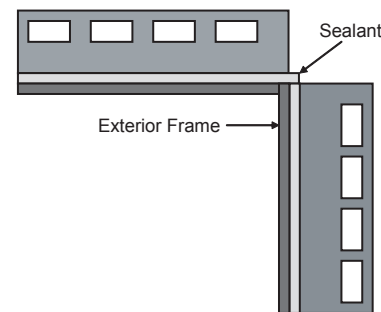
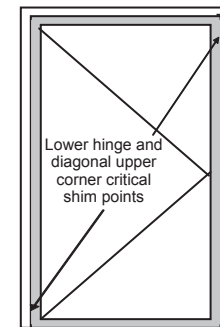


FIGURE 3



Independent third-party certified performance ratings. The tested unit performance results reflect laboratory conditions. The results from these tests may not be duplicated in certain situations due to environmental conditions or installation variances.  
 CONFORMANCE: Hurd windows conform to AAMA/NWDA 101/I.S.2-97 and/or AAMA/WDMA/CSA 101/I.S.2/A440-05 and wood components are water repellent preservative treated in accordance to industry standard I.S.4-2000. Certified Hurd products meet the code requirements of the IRC, IBC and FBC provided the tested and certified rating meets or exceeds the project design pressure requirement as determined by ASCE 7 (minimum design loads for buildings and other structures).

#### NO SCRAPING NEEDED

For your convenience this label has been specially designed to peel off completely. Wipe off any remaining residue with a wet sponge. Remove all labels as soon as possible after installation.

**Hurd**  
 Windows and Doors

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