

Installation Instructions for **M7000 AL PW**

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1. Opening Preparation

Opening width and height should be $\frac{1}{2}$ " larger than the window actual size at least, and the opening should be square, level and plumb (refer to figure 1). Apply the flashing on the opening sill in one continuous piece, and upturn at both jambs of opening. Notice: make sure there're no wrinkles or voids in the flashing.

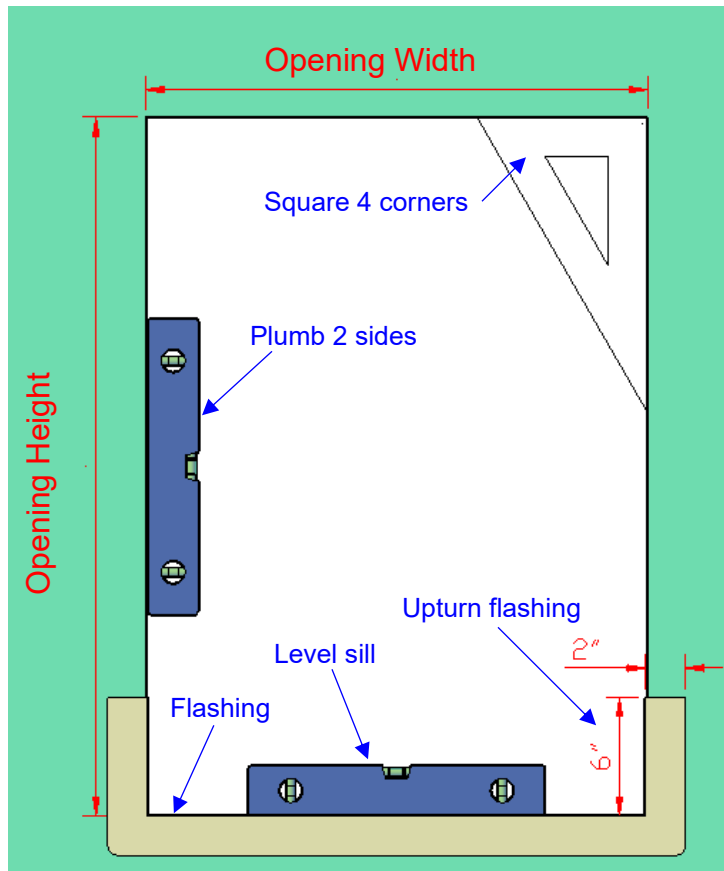


Figure 1: Front View of Opening

2. Install Window into Opening

2.1 Set 2 $\frac{1}{2}$ " x $\frac{1}{4}$ " shim at the sill of opening to support the window (the length of shim is same as the opening width, refer to figure 2).

2.2 Set the window on the shim and adjust the window to make equal clearances on both sides. Insert 2 $\frac{1}{2}$ " x $\frac{1}{4}$ " shim into the clearance between window frame and opening jamb on both sides, the length of shim is same as the opening height, the thickness of shim is depended on the clearance between window frame and opening jamb ($\frac{1}{4}$ " thickness is typical, refer to figure 3). Notice: do not over insert the shims to distort the window frame.

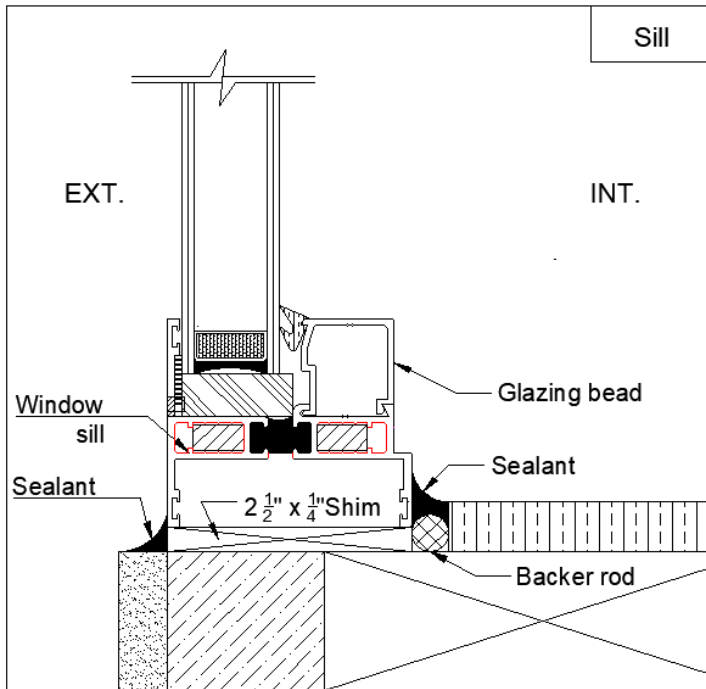


Figure 2: Side View of Sill

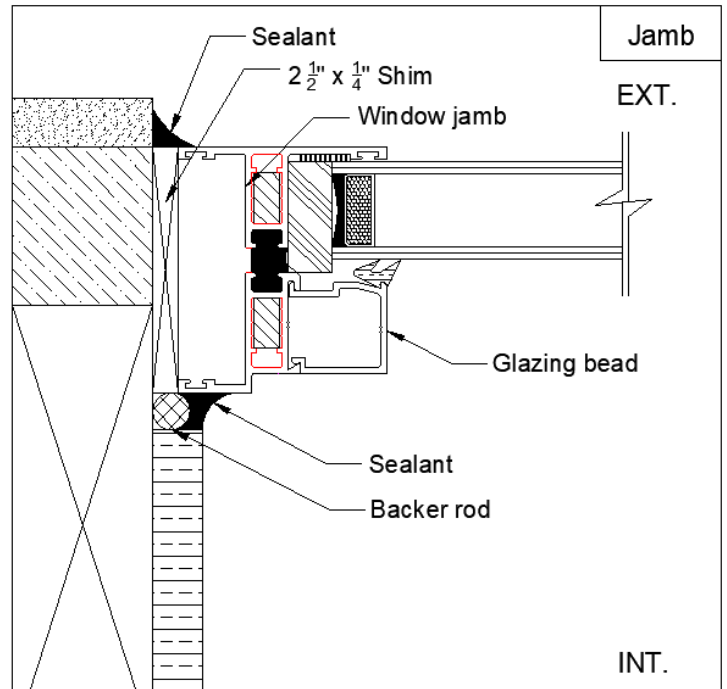


Figure 3: Top View of Jamb

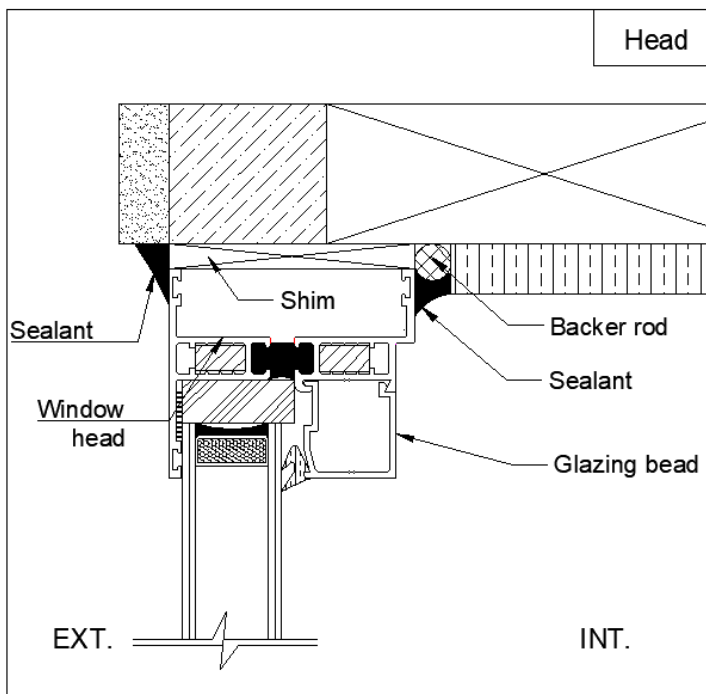


Figure 4: Side View of Head

2.3 Insert proper shim on the top of window head, make sure there's no gap between the window frame and opening (refer to figure 4). Check the sill is level, both jambs are plumb. Measure the diagonals of window frame to check the squareness, the difference of diagonals should be within 1/8".

2.4 Remove the glazing beads on both window jamb, drill a hole on the top of each jamb (refer to figure 5). Notice: the hole is around 1" far from the glazing bead on the window head, and align with the glazing bead, make sure the glazing bead on the jamb can cover it after reinstall the glazing bead.

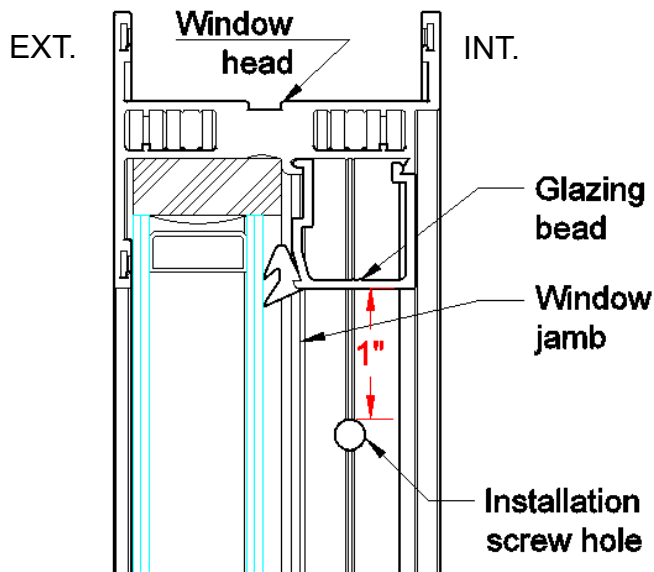


Figure 5: Side View of Jamb on Top

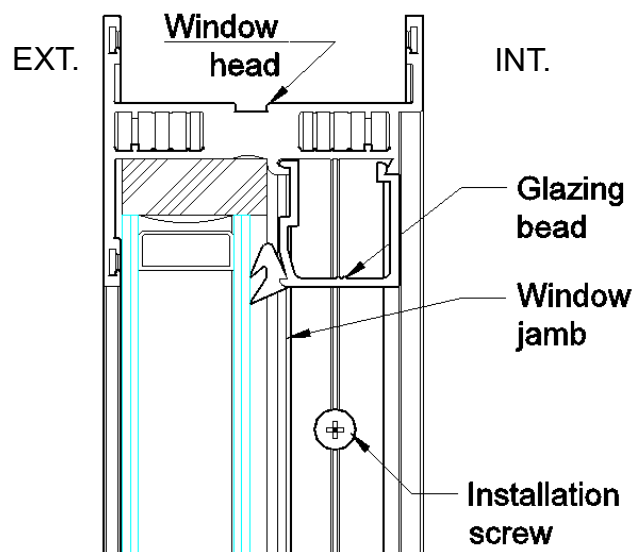


Figure 6: Side View of Jamb on Top

2.5 Fasten the jamb on top through the installation hole on both sides (refer to figure 6). Notice: do not over tighten the fasteners to distort the frame, and do not drill on the window sill/head to avoid water infiltration.

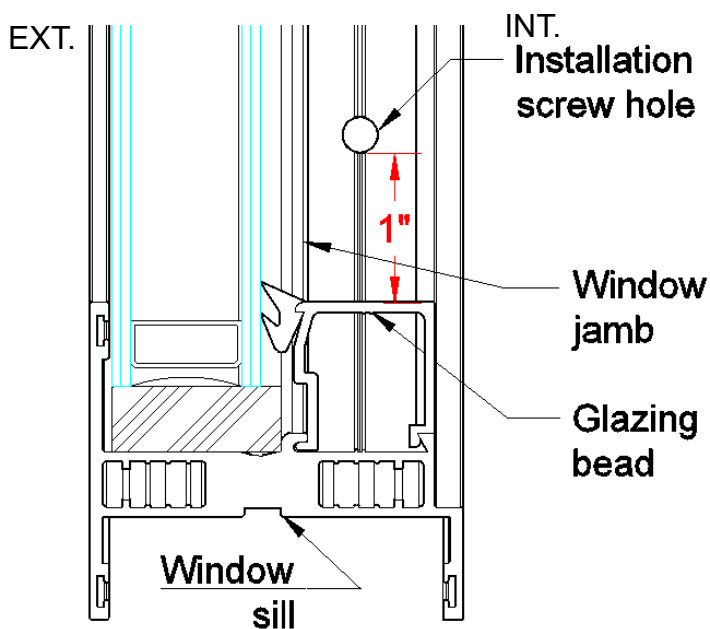


Figure 7: Side View of Jamb at Bottom

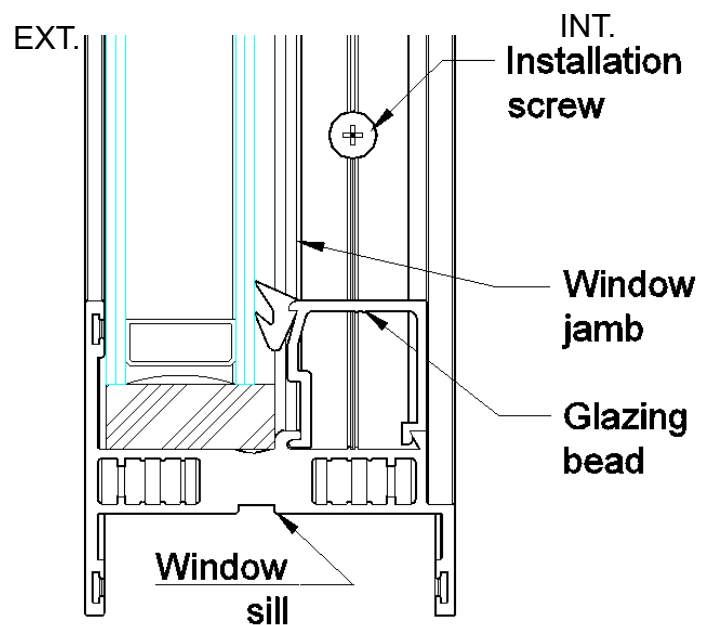


Figure 8: Side View of Jamb at Bottom

2.6 Drill a hole at the bottom of each jamb (refer to figure 7). Notice: the hole is around 1" far from the glazing bead on the window head, and align with the glazing bead, make sure the glazing bead on the jamb can cover it after reinstall the glazing bead.

2.7 Fasten the jamb at bottom through the installation hole on both sides (refer to figure 8), reinstall the glazing beads on both window jambs. Notice: do not over tighten the fasteners to distort the frame, and do not drill on the window sill/head to avoid water infiltration.

3. Seal Window

Remove loose debris and clean around the window, make sure the condition is clean and dry. Add proper backer rod before caulking if necessary, apply sealant continuously around exterior and interior window perimeter (refer to figures 2 – 4). Notice: make sure there's no void or gap in the sealant; do not use the expandable foam to seal the window, otherwise, it would bow the window's frame and affect the operation of window.

Disclaimer

As the manufacturer, NY Monda Window and Door Inc. is not responsible for the issue which is caused by the improper installation, please read and follow the installation instructions for the proper installation. For warranty coverage, please see the statement on the invoice. These installation instructions are general, the manufacturer have no representation that they will comply with local and state building codes. Please contact your local building code official for certified instructions.