

# WINDOW INSTALLATION METHOD A1



Mounting Flange Window installed in a Membrane/Drainage System

## Window installation based on Method "A1" requires:

- The water resistive barrier to be applied first, before the window is installed
- The jamb and head flashing to be installed over the mounting flange after the window is installed

## INSTALLATION GUIDE:

### MODIFY THE WRB (STEP 1)

- When the WRB covers the window opening, make a modified "I-cut" in the barrier (Figure 1)
- Fold bottom and side flaps over and behind the interior sides of the rough framing (Figure 2)
- Fasten flaps on interior every 12-16" or per WRB Manufacturer's recommendations
- Measure for diagonal cuts at top of window corners for both building paper and house wrap (Figure 3)
- Measure from the corner the width of the flashing up and over and mark 45° diagonal (Figure 3.1)
- Cut on the diagonal from marked point to the rough opening corner
- Measure and cut the other upper corner
- Gently raise top edge of WRB and tape the corners to the surface barrier above

### INSTALL THE SILL FLASHING (STEP 2)

- Cut flashing material to correct length (Figure 4)
- Apply the horizontal sill flashing level with top edge of rough opening frame
- Each end of the sill flashing should extend approximately the width of flashing membrane beyond the rough opening at the jamb condition
- Apply Sill Pan where required by building code or in high wind and water regions
- If the building's exterior cladding will not be applied immediately, apply tape at the corners and edges of flashing to prevent wind damage
- In order to avoid trapping water behind flashing, never apply the tape continuously

Figure 1: Modified WRB

WRB CUT IN A MODIFIED "I" PATTERN

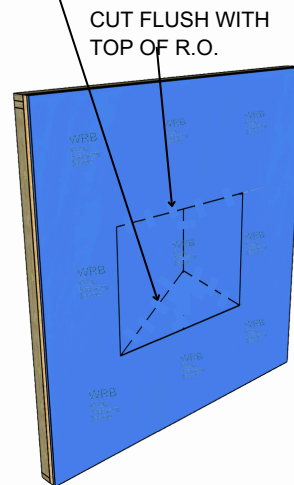


Figure 2: Fasten WRB

CUT WRB AND FOLD TO INTERIOR. ATTACHED AND TRIM AS REQUIRED AT SILL AND JAMBS

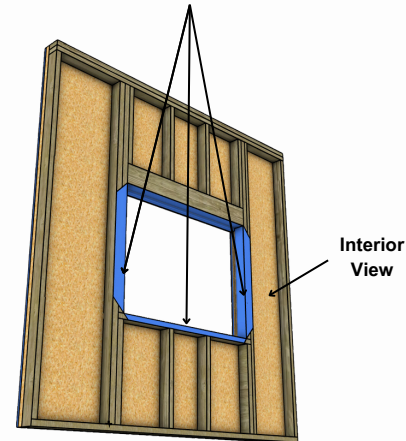


Figure 3: Cut Flap at Head and Tape

CUT FLAP AT HEAD AND TAPE

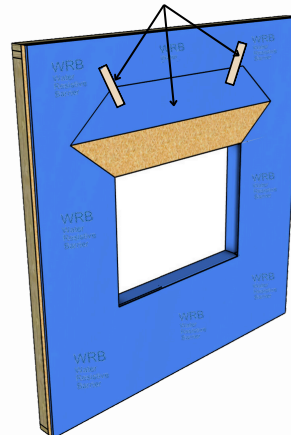


Figure 3.1

CUT TOP PORTION TO CREATE FLAP. THEN RAISE AND TAPE TEMPORARILY TO HEAD CONDITION

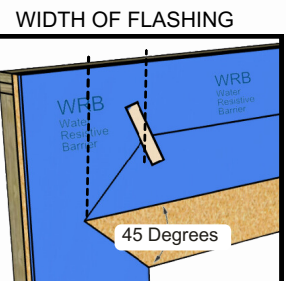
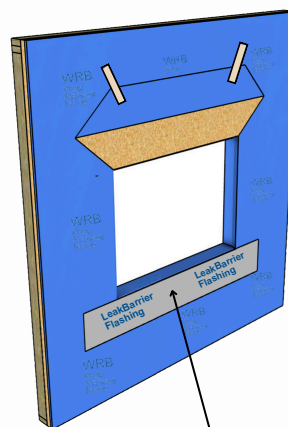


Figure 4: Install Sill Flashing



### INSTALLATION GUIDELINES AND LIMITATIONS

- INSTALLATION "METHOD A1" REFERS TO COMMON WINDOWS (SURFACE MOUNTED).
- INSTALL WINDOW PER WINDOW MANUFACTURER REQUIREMENTS.
- SEE PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR ROLL SIZES, MAXIMUM UV EXPOSURE, COMPATIBILITY CONCERNS, APPLICATION TEMPERATURES AND SERVICE TEMPERATURE LIMITATIONS.
- FLASHINGS MAY NOT BE COMPATIBLE WITH ALL MATERIALS AND SEALANTS. VERIFY ALL MATERIAL COMPATIBILITY AND VERIFY SEALANT COMPATIBILITY AS DIRECTED IN AAMA 713.
- HAND ROLL WITH FIRM PRESSURE SELF-ADHERED FLASHING MEMBRANES TO OBTAIN CONTINUOUS ADHESION.
- SUBSTRATES MUST BE CLEAN AND DRY.
- VERIFY WATER-RESISTIVE BARRIER AND FLASHING MEMBRANES ARE FREE FROM PROTRUSIONS OR DAMAGE PRIOR TO EXTERIOR CLADDING INSTALLATION.
- CONTACT TARCO AT 800-365-4506 FOR TECHNICAL ASSISTANCE.

## WINDOW INSTALLATION

### (STEP 3)

- Install window per Window Manufacturer requirements (Figure 5)
- Flashings may not be compatible with all sealants, use sealants as indicated or verify compatibility as directed in AAMA 713
- Apply a continuous 3/8" bead of sealant on interior side of window flange

## INSTALL JAMB FLASHING

### (STEP 4)

- Install jamb flashing on the left and right sides of the rough opening over the flange (Figure 6)
- Terminate jamb flashing approximately 1/2" beneath the top horizontal outside edge of the head flashing. Terminate jamb flashing 1/2" above the bottom horizontal outside edge of the sill flashing

## HEAD FLASHING

### (STEP 5)

- Apply window flashing over window head flange (Figure 7)
- Extend head flashing at least 1" (25MM) beyond the outside edge of the jamb flashing on both sides

## SECURE WRB AT THE HEAD

### (STEP 6)

- Tuck head flashing under the flap of the WRB at the head (Figure 8)
- Remove previously applied tape which holds flap of WRB at the head
- Allow the flap to lie flat over the head flashing
- Apply a new piece of sheathing tape over the entire diagonal cut made in the WRB
- Compress the tape against the WRB and head flashing which extends over the jamb



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Figure 5: Install Window

INSTALL WINDOW PER WINDOW MANUFACTURER REQUIREMENTS

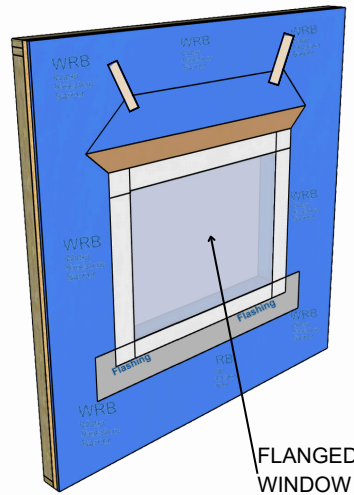


Figure 6: Install Jamb Flashing

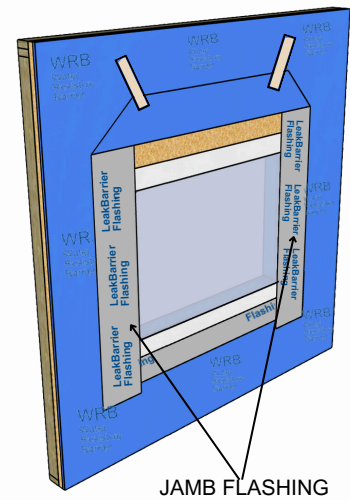


Figure 7: Install Head Flashing

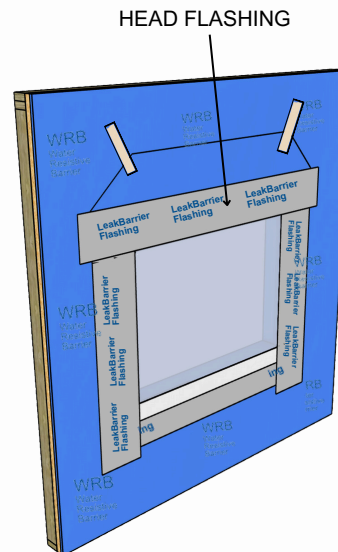
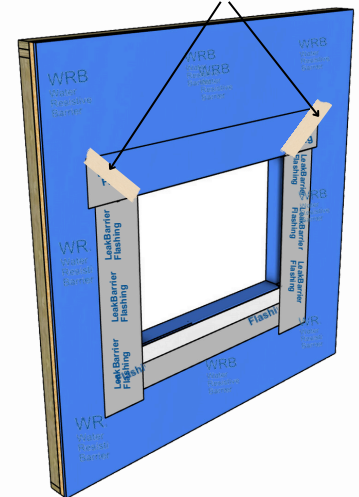


Figure 8: Tape Down WRB at Head

SECURE WRB HEAD FLAP DIAGONAL CUTS



### NOTE:

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