Aluma Flash™

Self-Adhering Window/Door Waterproof Flashing
For Additional UV Protection

Installation Instructions

Prep & General Conditions

• All surfaces must be clean, dust free, smooth and dry.

• Do not apply over sealants or uncured caulks containing solvents or plasticizers. This includes most silicones and polyurethane based caulks. Read the Sealant label carefully to determine if the sealant is compatible with asphalt products. Aluma Flash™ installed over incompatible or uncured product may liquefy and cause stains, streaks and drips.

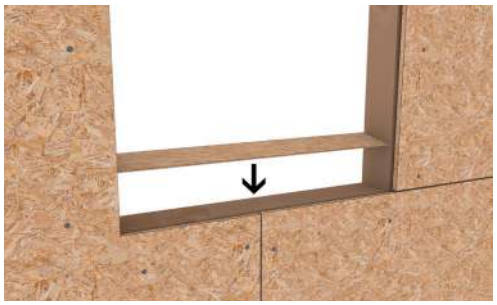
• Test Aluma Flash™ adhesion to the substrate. Some substrates and sheathing boards contain components which can reduce tape adhesion. If adhesion is inadequate, prime with Home Stretch Liquid Adhesive. If Home Stretch Liquid Adhesive is not available, locate a compatible spray adhesive, again reading the label carefully for compatibility to asphalt flashing products.

• Helpful Hint: In cold weather, keep the Aluma Flash™ in a warm space before use. If necessary, cut what you need per window one at a time and keep the rest in the warm space; it will be easier to work with.

• When installing Aluma Flash™ flashing tape on top of Weather Resistant Barriers (aka: House Wraps) our Aluma Flash™ becomes a secondary system.

• We recommend rolling Aluma Flash™ with a hand roller.

• In Cold Weather Applications, Home Stretch Liquid Adhesive or Mechanical Fastenders (Plastic Cups, staples) may be required to ensure proper adhesion.



STEP 1

Install a back dam and/or positive slope on the sill. 1. If water is allowed to sit on a flat sill or allow to flow back into building, it could cause water damage to your wood window and perhaps your wall. There are three common practices to avoid this.

A. Build a Back Dam: Take a 1/2-inch thick piece of plywood / OSB/ wood x 1 to 2-inches wide and long enough to go across the entire rough window opening at the back of the sill. Nail in place. Follow instructions for flashing of the sill. An option to this is a heavy bead of sealant at the back edge of the sill running from one side of the sill to the other, jamb to jamb.

B. Build a self-draining, sloped surface toward the outside. A piece of beveled siding, the width of the rough opening, nailed and placed at the bottom of the rough opening will create a positive slope for the flashing membrane. Thick side toward the inside, thin side towards outside. Follow instructions for flashing of the sill.

C. Do both A & B above. This ensures both a back Dam (a place for any water to stop) and a sloped surface (for the water to exit)

VERY IMPORTANT / PLEASE NOTE: For the suggestions noted above to work properly you need to account for the addition of the 3/8 to 1/2-inch that these techniques will utilize in your rough opening to ensure that your window will fit properly…so plan in advance.

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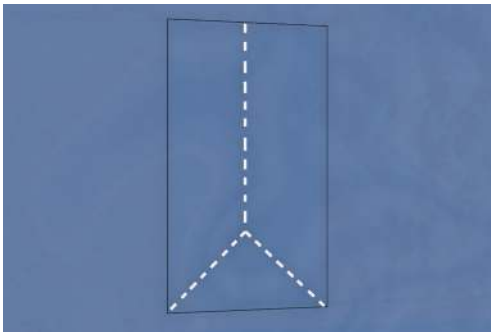
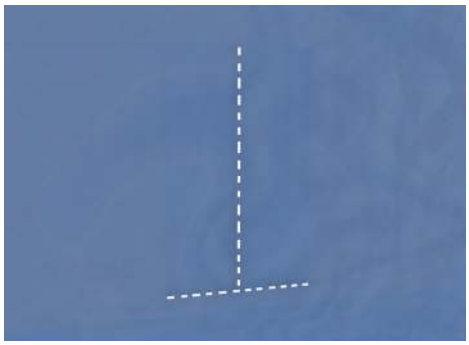
There are several ways to cut the house wrap, if your WRB (Housewrap) manufacturer has a specific method. There are two methods that we have found that work well.



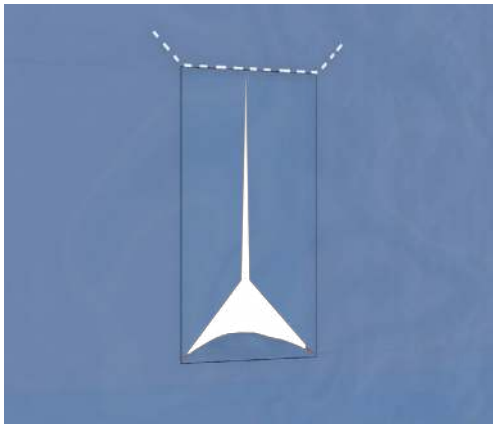
STEP 2A - Option A

Cut an inverted "Y" in the WRB folding and secure it to the inside at the jambs and sill. In the middle of your rough opening, cut the WRB down to the left corner of the opening. Repeat on the right side, creating a "triangular" cut. Go to the top center of the opening and cut straight down to the top of the triangle.

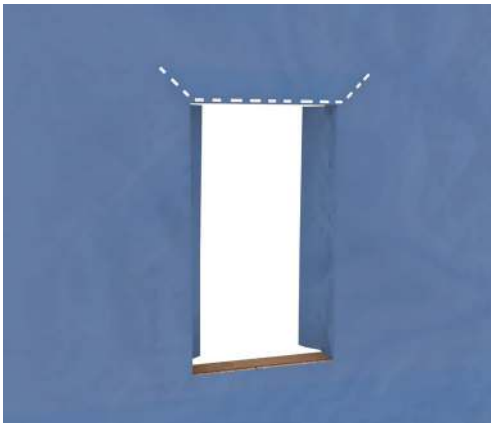


STEP 2B - Option B

Cut the WRB at the bottom of the rough opening horizontally with your utility knife from side to side and then again down the middle of the window opening.



STEP 3A



STEP 3B

At top of the WRB horizontally cut with a utility knife from edge to edge. At each of the top corners cut the WRB at a 45 degree angle roughly 6 inches heading away from the window.

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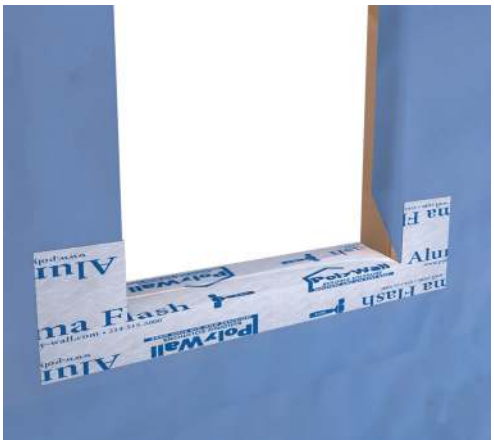
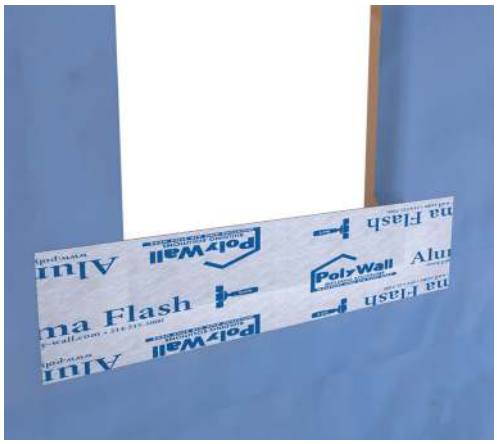
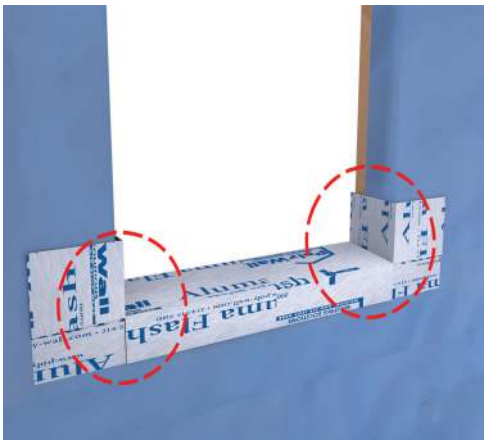
STEP 5
Temporarily secure WRB above the header exposing the substrate.



STEP 7
Cut the Aluma Flash™ at the corners of the rough opening so that the Aluma Flash™ may be folded onto the WRB surface.



STEP 6
Cut a section of Aluma Flash™ the width of the rough opening greater than 9-inches. Centering the tape across the sill, remove the release liner and install Aluma Flash™ on the sill.



STEP 8
Cut flashing patches of Aluma Flash™ and install at each of the sill corners.

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STEP 9

Set window into rough opening, plumb, level, and square per manufacturer's instructions.

STEP 11

Roll entire surface of Aluma Flash™ with a hand-roller to finalize and complete the bond. (DO NOT INSTALL Aluma Flash™ over the bottom window flange. Leaving this area open will allow water to drain to the exterior WRB surface in the event of a window leak.)

STEP 10

Measure and cut 2 sections of Aluma Flash™ that will overlap the sill Aluma Flash™ at the bottom and extend 3-inches above the rough opening at the header extending onto the exposed substrate. Install these vertical sections of Aluma Flash™ over the jamb flanges and onto the substrate or WRB.

STEP 12

Measure and cut 1 piece of Aluma Flash™ that will overlap and extend 2-inches beyond the jamb flashings onto the exposed substrate.

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STEP 13

Fold the WRB back in place over the Aluma Flash™ head flashing and secure with Aluma Flash™.

STEP 14

Cut 2 sections of Aluma Flash™ 6-inches to cover the 45° cuts in the WRB.