RECOMMENDED INSTALLATION PROCEDURE

LEVEL 3

Method B, Flat Wall Window Installation

Window to be installed before weather resistive barrier (building paper)

RB 415, RB 450 Cap Bead (Buttered) Application

with Sill Pan Option

Products: 9" RainBuster #415 Self-Adhered Flashing Membrane-25mil
6" or 9" RainBuster #415 Self-Adhered Flashing Membrane-25mil
RainBuster #435 Sill Pan End Dam (2)
RainBuster #450 Ultra High Performance Window & Door Sealant

RAINBUSTER WINDOW & DOOR INSTALLATION SYSTEM 30 YEARS WARRANTY SEALANT AND FLASHING PARTS & LABOR

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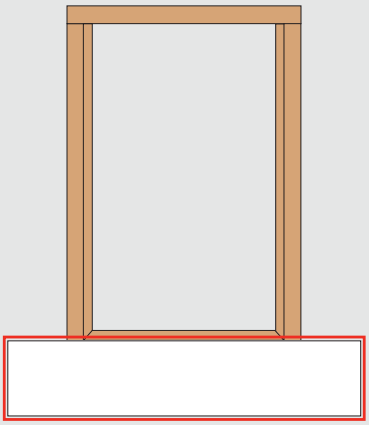
Part of the... RainBuster® LEAK-FREE SYSTEM

RAIN BUSTER® Since 1983



Step 1. Install Sill Flashing

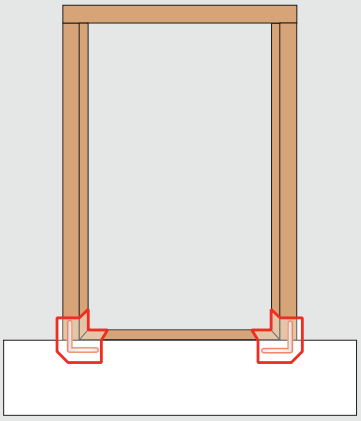
Product: 9" RainBuster #415 Self-Adhered Flashing Membrane-25mil

1.A Flashing Length = (Rough Opening Width) + (2 X Flashing Width)

1.B Install sill flashing flush with the sill of the rough opening. Each end of the sill flashing should extend the width of the flashing on each side of the rough opening.

1.C Adhere, and or fasten with staples or nails along top edge of flashing, tight to the rough opening (within 1" of the edge of the rough opening). Remove 2" of release paper along top edge of flashing prior to installation. Note: The remaining release paper will be removed and the flashing will be adhered after the weather resistive barrier has been installed.

1.D Do not fasten along bottom edge of sill flashing. This will allow for the weather resistive barrier to be installed behind the sill flashing in a weather board fashion.



Step 2. Install Sill Pan End Dams at Window Sill

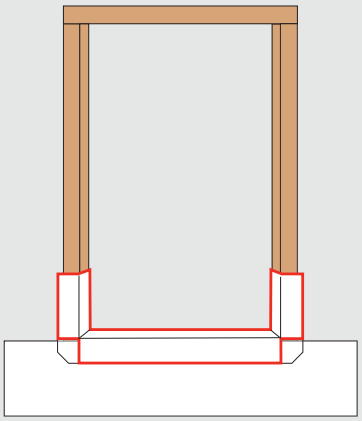
Product: RainBuster #435 Sill Pan End Dam (2)
RainBuster #450 Ultra High Performance Window & Door Sealant

2.A Precut Sill Pan End Dam to window sill/jamb depth if depth is less than 3".

2.B Apply a 3/8" continuous bead of sealant to the backside of the outside wall leg of the Sill Pan End Dam, insuring a continuous seal between the Sill Pan End Dam and the flashing/framing.

2.C Position Sill Pan End Dam firmly into window sill/jamb corner.

2.D Install Sill Pan End Dams using nails or staples insuring secure attachment through vertical legs only.



Step 3. Install Window Sill Pan Flashing

Product: 6" or 9" RainBuster #415 Self-Adhered Flashing Membrane-25mil

3.A Flashing Length = (Rough Opening Width) + 16".

3.B Install window sill pan flashing. The window sill pan flashing should extend the width of the rough opening + 8" up the jamb on each side of the rough opening. Flashing should extend a minimum of 1/2" past the interior face of the window after window is installed.

3.C Adhere window sill pan flashing across window sill, over Sill Pan End Dams, and up jambs. Press flashing firmly into inside corner eliminating any voids or wrinkles between the flashing and Sill Pan End Dams.

3.D Make relief cut at corner allowing flashing to fold and adhere over sill flashing (Minimum 2" lap) and Sill Pan End Dam at jamb.

3.E Using a J-Roller, apply pressure while rolling entire surface of flashing to insure adequate adhesion.

Drawings Not to Scale

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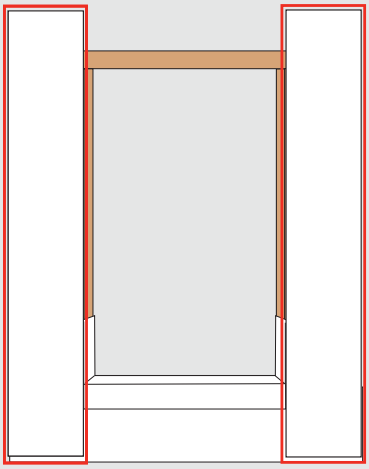


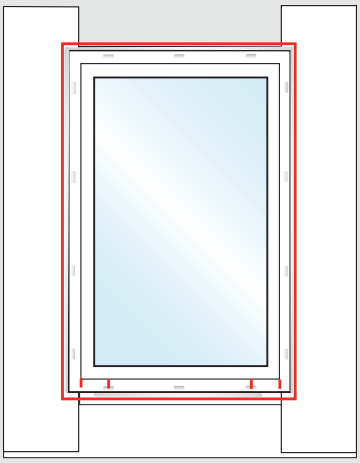
Step 4. Install Jamb Flashing

Product: 9" RainBuster #415 Self-Adhered Flashing Membrane-25mil

4.A Flashing Length = (Rough Opening Height) + (2 X Flashing Width) – 1"

4.B Adhere jamb flashing flush with the jamb of the rough opening. Jamb flashing should extend to within ½" or flush with the bottom edge of the sill flashing.

4.C Using a J-Roller, apply pressure and roll entire surface of jamb flashing.



Step 5. Install Integral Flanged Window

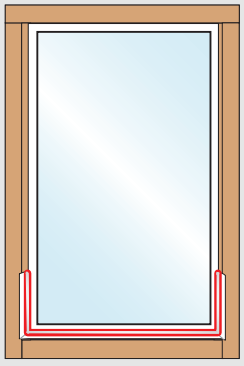
Product: RainBuster #450 Ultra High Performance Window & Door Sealant

5.A Apply a 3/8" continuous bead of sealant to the backside of the window flange. Leave a 3" void in the sealant at each end of the window flange at the sill of the window. Apply sealant in line with the prepunched holes in the window flange.

5.B Sealant must be applied no longer than 20 minutes prior to installation of window.

5.C Install window per window manufacturer's installation specifications insuring window is securely fastened and plumb, level, and square.

5.D Sealant squeeze out should be visible around perimeter and through all prepunched holes in the window flange (except at required voids at sill corners).



Step 6. Apply Sealant at Interior of Window

Product: RainBuster #450 Ultra High Performance Window & Door Sealant

6.A Apply a 3/8" continuous bead of sealant to interior perimeter of window sealing window to window sill pan flashing.

6.B Sealant should extend across window sill and up jambs 8".

6.C Tool sealant into window/window sill pan joint insuring continuous seal.

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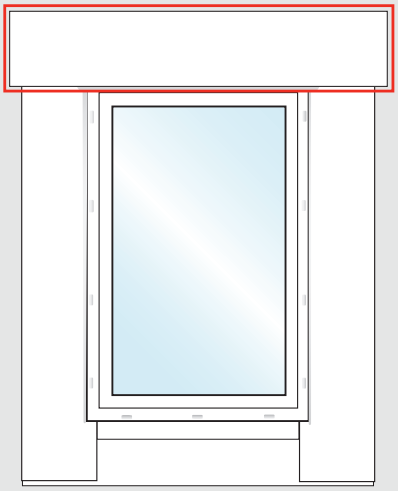


Step 7. Install Head Flashing

Product: 9" RainBuster #415 Self-Adhered Flashing Membrane-25mil

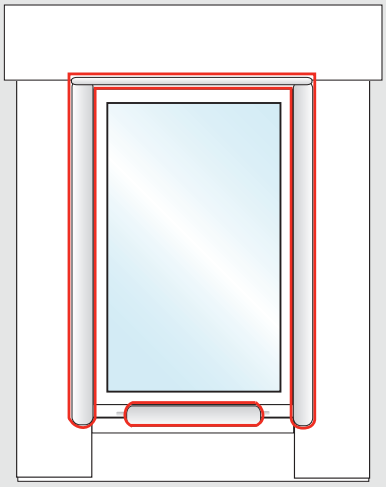
7.A Flashing Length = (Rough Opening Width) + (2 X Flashing Width) + 2"

7.B Install membrane at the head of the window. Each end of the membrane should extend the width of the flashing + 1" on each side of the rough opening.

7.C Adhere membrane over window flange and jamb flashing flush with the top of the window.

7.D Using a J-Roller, apply pressure and roll entire surface of membrane.

7.E Fasten with staples or nails along top edge of membrane. Use minimum number of fasteners required to keep flashing in place.



Step 8. Apply Cap Bead of Sealant

Product: RainBuster #450 Ultra High Performance Window & Door Sealant

8.A Apply a 1/2"-5/8" cap bead of sealant to the edge of the window flange at the sill and jambs. Leave a 3" void in the sealant at each end of the window flange at the sill of the window. Using a putty knife, flatten or “butter” cap bead and sealant squeeze out. “Buttered” sealant should extend 2" away from the window frame (approximately 1" beyond the outer edge of the window flange).

8.B Apply a 3/8"-1/2" fillet bead of sealant at the head flashing/top of window joint. Tool into joint insuring bottom edge of head flashing is sealed to the top of the window.

8.C Insure that all nail/screw heads are covered with sealant.

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Installation Recommendations: It is recommended that backing (OSB, plywood, dimensional lumber) be installed to support flashing at all window and door openings. Installation substrates should be clean and free from substances and protrusions that could adversely effect adhesion and/or compromise flashing/membrane performance. When an installation requires adhering RainBuster #415 Self-Adhered Flashing Membrane directly to the substrate (OSB, plywood, fiberglass faced gypsum board, masonry, and concrete) an adhesion test is recommended to insure sufficient adhesion is achieved. Adhesion may be improved by rolling the membrane with a J-roller. In some cases priming the surface with an approved primer may be required to achieve sufficient adhesion. In 3-coat stucco applications, it’s recommended that all flashing be covered by the Weather Resistive Barrier (WRB). After the WRB has been properly integrated (weather board/ship lap fashion) with the window and door flashing systems an additional piece of WRB should be installed over the sill flashing acting as a bond breaker.

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