

# FORTRESS FLEXSHIELD™

Flexible Self-Adhering Window & Door Flashing

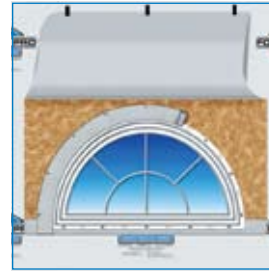


## PRODUCT DESCRIPTION

**Fortress Flexshield™** is a flexible window and door flashing designed to conform to half round or elliptical windows and arched doorways. Flexshield also provides a conformable seamless method for forming a pan flashing in window sills. It seals door and window perimeters to building substrates creating an impenetrable barrier.

This butyl adhesive is designed to be installed in a wide range of temperatures down to 30°F. It does not react to solvent based materials and is very compatible with common caulks and sealants.

**Fortress Flexshield** has excellent adhesion to typical building materials such as housewrap, vinyl, OSB, plywood, concrete, aluminum and other metals. It can be left exposed for up to 12 months during the construction process.



## GENERAL SURFACE APPLICATION

The surface should be clean, dry and free of dirt and other foreign matter. For best results Flexshield should be applied at a temperature above 30°F. For very cold weather installations we recommend priming the surface with 3M Super 77 spray adhesive and storing the rolls in a warm area prior to use.

For sill flashing applications, begin by cutting a length of flashing at least 12" longer than the width of the rough opening. Peel off the release liner and position it so the Flexshield edge is applied (without stretching) along the back inside edge of the rough opening. It should extend at least 6" up the sides of the opening. Once firmly applied to the inside of the opening slowly stretch Flexshield around to the face of the opening. Firmly apply pressure to achieve maximum surface contact.

When installing a head flashing on a half round/ elliptical window or arched door; first install window

or door according to the manufacturers installation guidelines. After the window or door installation, simply measure the curved portion of the arch and add one foot to determine the flashing cut length. Remove a portion of the release liner and position Flexshield at least 6" overlapping the straight jam flashing. Continue to conform tightly along the entire curved edge of the window or door and press firmly into place. Supplement adhesion of the flashing with nails or staples until adhesive strengthens over time.

## RECOMMENDED APPLICATIONS

- Round / Elliptical Window Flashing
- Pan Flashing of Window Sills
- Arched Doorway Flashing

## ROLL SIZES

6" x 75'

8" x 75'

FORTRESS FLEXSHIELD TYPICAL PROPERTIES		
Property	Test Method	Value
Thickness	ASTM D 1000	60 mil
Adhesive Thickness	ASTM D 1000	40 mil
Backing		Creped PE Valeron
Tensile Strength (psi)	ASTM D 412-9	295 (MD) 400 (TD)
Installation Temp Range		30°F to 180°F
Performance Temp Range		-30°F to 200°F
Adhesion to Plywood	ASTM D 903	6 lb./in.
Adhesion to OSB	ASTM D 903	6 lb./in.
Adhesion to Housewrap	ASTM D 903	9 lb./in.
Adhesion to Ridged Vinyl	ASTM D 903	9 lb./in.

Note: To the best of our knowledge, these are typical property values and are intended as guides only, not as specification limits. Raven makes no warranties as to the fitness for use or merchantability of products referred to, no guarantee of satisfactory results from reliance upon contained information and disclaims all liability for resulting loss.



## Sales Office

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