

FORTRESS FLASHSHIELD™



Self-Adhering Window & Door Flashing

PRODUCT DESCRIPTION

Fortress Flashshield™ window and door flashing is an aggressive butyl self-adhering air/vapor barrier and water-proofing membrane with a UV resistant polyethylene backing. Flashshield seals door and window perimeters to building substrates creating an impenetrable barrier. Flashshield's butyl adhesive is designed to be installed in wide range of temperatures down to 20° F. It does not react to solvent based materials and is compatible with common caulks and sealants.

Fortress Flashshield 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 Fortress Flashshield should be applied at a temperature above 20°F. For very cold weather installations we recommend priming the surface with 3M Super 77 spray adhesive. This flashing material is best when stored in a warm area prior to use in cold conditions.

When used as an air/vapor barrier system, all lap and butt joints must overlap a minimum of 4" or at least the width of the flashing. Cut a length of Fortress Flashshield that can be easily handled or as required by the given installation. Begin

application by removing approximately 12 inches of the release paper and center the tape over the area being sealed. Firmly apply Flashshield against the surface and continue pulling off the release paper while rolling the tape into place. Applying pressure is essential to achieve 100% surface contact and will help minimize trapping air beneath the tape. Install in a shingle method to allow for water shed.

RECOMMENDED APPLICATIONS

- Window & Door Perimeters
- Corner Board Abutments
- Joints in Stucco Insulation Systems
- Sealing Sheathing Joints
- Wall to Deck Joints
- Sealing Wall Penetrations

ROLL SIZES

4" x 100' **6" x 100'** **9" x 100'**

FORTRESS FLASHSHIELD TYPICAL PROPERTIES		
Property	Test Method	Value
Thickness	ASTM D 1000	20 mil
Adhesive Thickness	ASTM D 1000	14 mil
Backing		6 mil Black PE
Tensile Strength (psi)	ASTM D 412-9	1350 (MD) 400 (TD)
Installation Temp Range		20°F to 180°F
Performance Temp Range		-35°F to 200°F
Adhesion to Plywood	ASTM D 903	4 lb./in.
Adhesion to OSB	ASTM D 903	4 lb./in.
Adhesion to Housewrap	ASTM D 903	13 lb./in.
Adhesion to Ridged Vinyl	ASTM D 903	10 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

P.O. Box 5107 • Sioux Falls, SD 57117-5107 • 800-635-3456 • (605) 335-0174 • (605) 331-0333 - FAX