

FORTIFLASH® BUTYL

WATERPROOF FLASHING MEMBRANE

The best insurance against water intrusion in residential and commercial construction is the proper installation of the windows and doors with high quality flashing materials. Products that provide an extra measure of protection can head off big headaches – and expensive callbacks – down the road.

“*Engineered to deliver lasting protection against water intrusion in the most demanding environmental conditions.*”

The FortiFlash Butyl waterproof flashing membrane is part of the complete Moisture Control System for walls engineered by the Fortifiber Building Systems Group®. When properly integrated into the building envelope, our solutions help manage moisture-related problems including water-related structural failures, mold and mildew.

The Ultimate Self-Adhesive Waterproof Flashing Membrane

FortiFlash Butyl is an example of Fortifiber’s ongoing commitment to advanced high performance solutions that improve protection against water intrusion and moisture. It delivers in the most demanding environments, providing a strong self-sealing barrier to protect windows, doors and through-wall penetrations – as well as non-roofing conditions such as recessed windows, sill pans, pot shelves and parapets. The product’s chemical compatibility with most standard sealants – as well as EPDM and flexible vinyl, makes it the ideal choice on the jobsite.

FortiFlash Butyl’s proprietary compound delivers rock solid adhesion at temperatures well below where other self-adhesive flashing products won’t stick – while maintaining its protective properties at temperatures in excess of 225° F. Reinforced by a heavy duty multi-layered polyethylene facer, the product can be easily worked around protrusions and into tight corners without delaminating or tearing. And the split release sheet makes integration with weather-resistive barriers a snap.

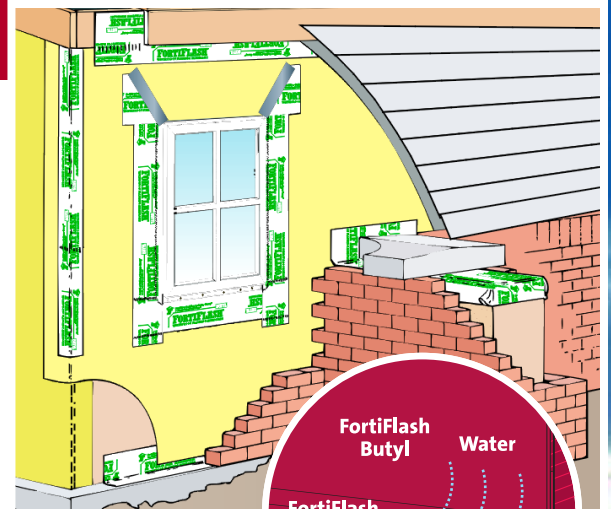
FortiFlash Butyl is available in 4, 6, 9, and 12 inch widths. The product is ideal for working in tight corners and recessed areas.

Part of a Complete Moisture Control System

FortiFlash Butyl integrates with Fortifiber’s complete system of flashing products and accessories, Moistop Sealant® and our complete line of weather-resistive barriers to form a comprehensive weatherization system that protects homes and buildings from moisture intrusion issues. Designed through the use of building science and perfected in the field, this is the only complete moisture control system available from a single source. Comprised of compatible materials, the system takes the guesswork out of selecting flashing, sealing materials and weather-resistive barriers that work together and deliver performance you can count on.

Decades of Proven Performance

FortiFlash Butyl is a product distributed by the Fortifiber Building Systems Group. With more than a seventy year history of proven performance, technical expertise and practical know-how, the company has become a trusted partner to builders, architects and code officials.



FortiFlash Butyl protects against water intrusion in horizontal applications such as pot shelves, parapets and recessed windows.

- HIGH PERFORMANCE SELF-ADHESIVE WATERPROOF FLASHING MEMBRANE
- CHEMICALLY COMPATIBLE WITH ALL STANDARD SEALANTS, AS WELL AS EPDM AND FLEXIBLE VINYL
- SEALS AROUND FASTENERS
- ULTRA DURABLE FACER
- SPLIT RELEASE SHEET FOR EASY INTEGRATION
- MOLD RESISTANT
- EXCELLENT LOW TEMPERATURE ADHESION



Product Description: FortiFlash Butyl is our highest performing self-adhesive waterproof membrane available in a 20 mil product designed for use as a concealed flashing in frame construction where a waterproof membrane is required.

Composition: FortiFlash Butyl is composed of a coated woven facer, a butyl adhesive and a paper release liner. The 9" and 12" sizes have a split release feature providing the capability to remove each portion of the release sheet separately.

Size & Weight: FortiFlash Butyl is supplied in 4", 6", 9" and 12" widths by 75' long rolls. Roll weight is approximately 3.75 (4"), 5.6 (6"), 8.5 (9") and 11.5 (12") lbs. per roll.

Applicable Standards: American Society for Testing & Materials (ASTM):

- *ASTM D-1970 - Standard Specification for Self-Adhering Polymer Modified Bituminous Sheet Materials Used as Steep Roofing Underlayment for Ice Dam Protection*
- *ASTM D-3330 - Standard Test Method for Peel Adhesion of Pressure Sensitive Tape*
- *ASTM D-5034 - Standard Test Method for Breaking Strength and Elongation of Textile Fabrics*
- *ASTM E-2112 - Standard Practice for Installation of Exterior Windows, Doors and Skylights*
- *ASTM G-21 - Standard Practice for Determining the Resistance of Synthetic Polymeric Materials to Fungi*
- *AAMA 711-07 - Voluntary Specification for Self-Adhering Flashing Used for Installation of Exterior Wall Fenestration Products*

Physical Properties: FortiFlash Butyl is continually tested in accordance with ASTM procedures. The values shown in Table 1 are the typical values obtained in these tests.

Limitations: For optimum performance, FortiFlash Butyl should be applied at temperatures between 25° F and 125° F. Product should be covered within 60 days of application. Inspect the product to ensure it

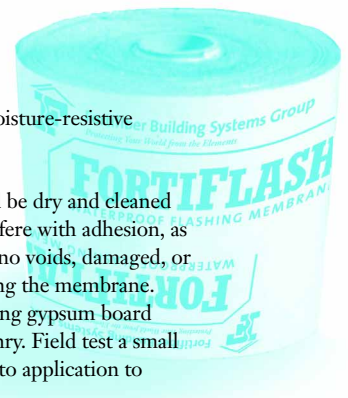
is free of any damage that may compromise its moisture-resistive properties.

Installation: Prior to installation, surfaces should be dry and cleaned free of any dirt or other substances that may interfere with adhesion, as well as any sharp protrusions. Surfaces shall have no voids, damaged, or unsupported areas. Repair surfaces before installing the membrane. Primer must be used over some substrates including gypsum board (including Dens-Glass Gold), concrete and masonry. Field test a small sample of FortiFlash Butyl on all substrates prior to application to confirm compatibility.

Availability: The Fortifiber Building Systems Group products are distributed nationwide. For product information and pricing, please call a Fortifiber distributor near you. If you need assistance locating a participating distributor, please contact our Customer Service Department at 1-800-773-4777.

FortiShield Warranty: FortiFlash Butyl is expressly warranted for a period of ten (10) years from purchase that it will perform to Fortifiber's published specifications when installed according to Fortifiber's installation procedures and accepted industry standards. Installation must use Moistop Sealant and one of the following Fortifiber brand weather-resistive barrier products (WeatherSmart®, JumboTex®, HydroTex™ or Weather Tex®) in a properly designed and constructed wall system. In the event of a warranty claim, Fortifiber will pay the cost of materials and labor to correct problems found to be caused solely by the failure of Fortifiber's product as expressly warranted above.

THIS EXPRESS WARRANTY IS GIVEN IN LIEU OF AND EXCLUDES ALL OTHER EXPRESS OR IMPLIED WARRANTIES, INCLUDING BUT NOT LIMITED TO THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. Fortifiber's sole obligations under this warranty are as set forth herein. In no event shall Fortifiber be liable for any lost revenue or profits, direct, indirect, special, incidental or consequential damages of any kind. If the installation or use of this product does not qualify for the FortiShield Warranty, Fortifiber's standard warranty will apply. See fortifiber.com/warranty.htm for details.



SPECIFICATION SUMMARY: Provides window and door concealed perimeter flashing system, including integration with weather-resistive barriers, to provide secondary weather protection behind exterior cladding.

FLEXIBLE WINDOW & DOOR FLASHING: Fortifiber/FortiFlash Butyl reinforced polymer membrane and self-adhesive backing.

REFERENCE SPECIFICATION: ASTM E-2112

Table 1- Physical Properties

CHARACTERISTIC	TEST METHOD	INDUSTRY STANDARD	RESULTS
Tensile Strength	AAMA 711-07	2.9 lb/in min	30 lb/in
Nail Sealability	D-1970 Sec 7.9 modified per AAMA 711-07 Sec 5.2.1	Pass	Pass
90° Peel Adhesion Plywood OSB Facer	ASTM D-3330 Method F	>1.5 lb/in	2.0 lb/in 1.95 lb/in 4.35 lb/in
Mold Growth	ASTM G-21	No Growth	No Growth
Service Temperature	-	-	-40°F to 250°F
Application Temperature	-	-	25°F to 125°F



Fortifiber Building Systems Group®
Protecting Your World from the Elements®



Call 1-800-773-4777 or 1-775-333-6400 for sales and technical assistance. On the Internet visit www.fortifiber.com.

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