



BUTYL FORTIFLEX® Flexible Flashing Membrane

Windows and doors are often the most vulnerable locations for moisture penetration in the building envelope. Arched windows and flexible sill pans provide additional challenges. Fortiflex® Butyl is a highly conformable waterproof flashing membrane that can be used to prevent moisture intrusion even in these difficult installations.

A Self-Adhesive Flashing That's Ahead of the Curve

FortiFlex Butyl is a flexible, self-adhering waterproof flashing designed for use with curved window or door openings, sill pans and other penetration flashing applications. It is constructed from a technically advanced hybrid butyl compound and a high-performance creped film that features exceptional stretch and durability. FortiFlex Butyl can be stretched around tight arcs, including arched windows, irregular penetrations and sill pans. It adheres tenaciously to most common construction materials, including plywood, OSB, aluminum, rigid vinyl, gypsum board, primed steel, concrete and concrete block. The unique hybrid butyl formulation maintains high tack even at installation temperatures as low as 10°F. FortiFlex Butyl seals around fasteners to prevent moisture intrusion.

With a split release sheet, FortiFlex Butyl is easy to install. Its light weight helps minimize bunching at tight corners. The product can withstand jobsite abuse and up to 12 months of UV exposure.

Part of a Complete Moisture Control Solution

FortiFlex Butyl is part of the Fortishield® complete, compatible building envelope system that includes flashings, weather-resistive barriers and sealants. When used together, the system provides unparalleled protection, covered by a warranty unsurpassed in the industry.

Decades of Proven Performance

With more than a seventy-five year history of proven performance, technical expertise and practical know-how, Fortifiber® has become a trusted partner to builders, architects and code officials.

- Exceptional flexibility
- Installs at low temps
- 12 month UV resistance
- Seals around fasteners
- Aggressive, high tack adhesion
- Meets AAMA 711-Level 3
- Part of a complete Moisture Control System



SIZE & WEIGHT:

Roll Size	Weight
6" x 50'	6 lbs
9" x 50'	9 lbs

FortiFlex® Butyl is an integral part of the Fortifiber® Protection System of flashings, weather-resistive barriers and sealants. All Fortifiber products can be used together with confidence.

Total Moisture Protection. 3 Easy Steps.

STEP 1	Weather Resistive- Barriers
STEP 2	<p>Flashings</p> <p>This product qualifies as Step 2 of the Fortifiber FortiShield® 15 year warranty when used in conjunction with other Fortifiber products.</p> <p>See website for details: www.Fortifiber.com/warranty</p> 
STEP 3	Sealant

Fortifiber Corporation warrants that its products are in compliance with their published specifications and are free from defects in materials and workmanship for a period of two years from the date of purchase. This warranty does not apply to loss due to abuse. Material found to be defective will be replaced at no charge by Fortifiber, but in no event shall Fortifiber be liable for any other costs or damages, including any labor costs.

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.

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Product Description: FortiFlex® Butyl is a flexible, conformable self-adhesive waterproof flashing designed to prevent incidental moisture intrusion around windows and doors.

Composition: FortiFlex Butyl is a self-adhesive membrane consisting of a hybrid butyl adhesive laminated to high-performance creped film. The adhesive is designed to aggressively bond to a wide range of substrates, including plywood, OSB, aluminum, rigid vinyl, gypsum board, primed steel, concrete and concrete block, asphalt saturated papers and other exterior weather-resistive barriers. The flexible film allows FortiFlex Butyl to be stretched around arched windows, window sills and other shapes. Thickness is 54 mils.

Applicable Standards: American Architectural Manufacturers Association (AAMA) and American Society for Testing & Materials (ASTM):

- AAMA 711
- ASTM D 779
- ASTM D 1970
- ASTM E 96
- ASTM E 2112

Physical Properties: FortiFlex Butyl is continually tested in accordance with industry standards. The values shown in Table 1 are averages obtained in these tests.

Limitations: FortiFlex Butyl is an integral part of the Fortifiber® Protection System of flashings, weather-resistive barriers and sealants. All Fortifiber products can be used together with confidence.

- For optimum adhesion, FortiFlex Butyl should be applied at temperatures between 10° F (-12° C) and 150° F (66° C).
- Maximum service temperature is 200° F (93° C).
- Product should be covered as soon as practical; maximum exposure 12 months.
- FortiFlex Butyl may not be compatible with some sealants. Test for compatibility before using any sealants.
- Performance is guaranteed with Moistop® Sealant and Liquid Flashing, which adheres to, and is compatible with FortiFlex Butyl when installed per Fortifiber instructions.
- FortiFlex Butyl is not compatible with EPDM or flexible (plasticized) Polyvinyl Chloride (PVC) based membranes.

Installation: Position FortiFlex Butyl for alignment with release film in place. Roll back, peel away release film and press membrane firmly over substrate. When membrane is entirely in place, apply pressure along entire membrane to ensure a strong bond. The best method to ensure full contact is to roll entire surface with a J Roller. Orient laps in shingle fashion to shed water with a minimum of 2 in. (50 mm) on both side and end laps. (When using membrane with brick ties, position membrane, press in place and cut for ties or projections.) FortiFlex Butyl can be used without primer on dry and clean substrates when the temperature is above 10 °F (-12°C). For best possible adhesion results or when applying to concrete or masonry, prime substrate with Fortifiber primer.

For complete installation instructions, download them from our website at www.Fortifiber.com, or contact our Technical Assistance at 1-800-773-4777.

Availability: Fortifiber products are distributed nationwide. If you need assistance locating a participating distributor, please contact our Customer Service Department at 1-800-773-4777.

TABLE 1 - PHYSICAL PROPERTIES

Characteristic	Test Method	FortiFlex Butyl	Industry Standard
Water Resistance	ASTM D 779	>24 hours	24 hours
Nail Sealability	AAMA 711	Pass	Pass
Tensile Strength	AAMA 711	MD->225psi CD->330 psi	MD->143psi CD->143psi
Service Temp.	AAMA 711 (Modified)	-40°F to 200°F	N/A
Application Temp.	-	10°F to 150°F	N/A
Water Vapor Permeance	ASTM E96 (Method A)	<0.1perms)	N/A
Low Temperature Flexibility	ASTM D 1970	Pass	Pass @ -20°