

# MOISTOP E-Z SEAL<sup>®</sup>

## FLASHING

Water intrusion around windows and doors leads to owner warranty claims that are tough problems to solve – not to mention the potentially catastrophic consequences if water leaks result in major litigation due to building failures, mold and mildew.

Moistop E-Z Seal is part of a complete Moisture Control System for walls engineered by the Fortifiber Building Systems Group<sup>®</sup>. When integrated into the building envelope, our solutions help manage and eliminate moisture-related

problems including water-related structural failures, mold and mildew.

“*It is the ultra-high performance self-adhesive flashing that helps produce a perfect finished product.*”

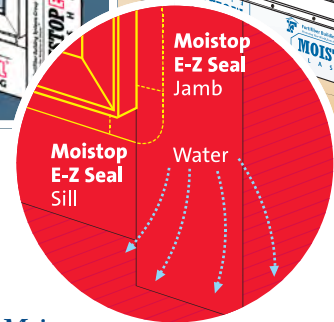
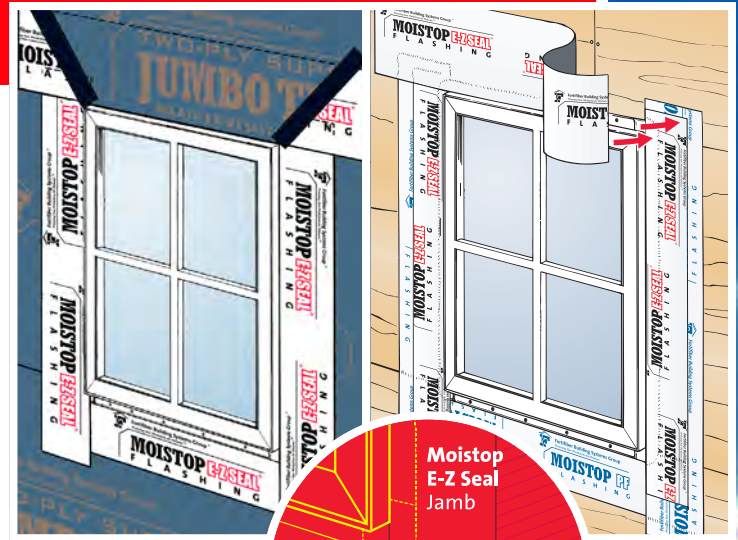
Moistop E-Z Seal provides a rock-solid barrier against rain-driven water intrusion – while resisting ripping and tearing in the toughest jobsite conditions. Its adhesive strip provides an incredibly strong bond – the strongest in the industry – ensuring solid integration of the windows and doors with plywood, OSB, aluminum, vinyl and weather-resistive barriers. The product is available pre-cut in 4, 6, 9, and 12 inch widths, to address virtually any vertical wall applications.

### Part of a Complete Moisture Control Solution

For maximum protection, Moistop E-Z Seal can be used in conjunction with Moistop neXT<sup>®</sup> or Moistop PF<sup>®</sup> and Moistop<sup>®</sup> Sealant in a high performance 2-step installation method. Designed through the use of building science and perfected in the field, this is the only complete flashing system available in the industry from a single source. This flashing system provides superior water protection against moisture intrusion with all types of windows, including wood, vinyl and aluminum casings. The self-adhesive strip completely envelops the window flange, creating an impenetrable line of defense against moisture intrusion. Comprised of 100% compatible materials, the system takes the guesswork out of flashing and sealing materials that work together and deliver performance you can count on.

### Decades of Proven Performance

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



*Moistop E-Z Seal protects against water intrusion in windows, doors and other vertical through-wall penetrations.*

- **ULTRA HIGH PERFORMANCE SELF-ADHESIVE FLASHING**
- **IDEAL FOR PLYWOOD, OSB, ALUMINUM — AS WELL AS WOOD AND VINYL WINDOWS**
- **STRONGEST ADHESIVE AVAILABLE**
- **MOLD RESISTANT**
- **PART OF A COMPLETE MOISTURE CONTROL SYSTEM**



**Product Description:** Moistop E-Z Seal is a premium self-adhesive flexible flashing designed to prevent incidental moisture intrusion around windows and doors.

**Composition:** Moistop E-Z Seal is a strong reinforced polymer membrane coated with a 3" self-adhesive strip. The adhesive is designed to aggressively bond to a wide range of substrates, including wood, vinyl, metal, asphalt saturated papers, and other exterior weather-resistive barriers. The adhesive layer is protected by an easy-to-remove release liner. The 4" product is fully backed with adhesive. Thickness is 25 mils (with adhesive); 10 mils (reinforced membrane only).

**Size & Weight:** Moistop E-Z Seal is supplied in convenient 6", 9" and 12" widths by 75' long rolls. 4" widths are available for custom applications. Weight is approximately 4 lbs/roll for the 6" and 9" widths, and 5 lbs/roll for the 12" wide product.

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

- ASTM D-779 - Standard Test Method for Water Resistance of Paper, Paperboard, and Other Sheet Materials by the Dry Indicator Method
- ASTM D-882 - Standard Test Method for Tensile Properties of Thin Plastic Sheeting
- ASTM E-96 - Water Vapor Transmission of Materials
- ASTM E-331 - Standard Test Method for Water Penetration of Exterior Windows, Skylights, Doors, and Curtain Walls by Uniform Static Air Pressure Difference
- ASTM E-1249 - Standard Test Method for Water Vapor Transmission Rate Through Plastic Film and Sheeting Using a Modulated Infrared Sensor
- ASTM G-21 - Standard Practice for Determining Resistance of Synthetic Polymeric Materials to Fungi
- PSTC-1 - Peel Adhesion of Single Coated Tapes, 180 Degree Peel

**Physical Properties:** Moistop E-Z Seal is continually tested in accordance with ASTM procedures. The values shown in Table 1 are averages obtained in these tests.

**Limitations:** For optimum adhesion, Moistop E-Z Seal should be applied at temperatures between 40° F (4.4° C) and 120° F (48.9° C). Product should not be installed horizontally or at a slope of less than 60°. Product should be covered as soon as possible. Inspect product to insure it is free of any protrusions or damage which may compromise its moisture-resistive properties. Moistop E-Z Seal is

not compatible with some sealants. Test for compatibility prior to use. Moistop E-Z Seal is fully compatible with Moistop Sealant.

**Installation:** For optimum performance, Moistop E-Z Seal should be installed with Moistop PF or Moistop neXT and Moistop Sealant as a component of the High Performance Flashing System. In a typical installation, Moistop PF or Moistop neXT Flashing is first applied at the sill and jamb of the window openings. Moistop Sealant is then applied to the back of the window flanges and windows are installed. E-Z Seal Flashing, applied over the window flanges, jambs and head, completes the 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 membrane. To apply, peel away the release paper and place E-Z Seal over the window flange. Apply firm pressure with a metal or wood roller along the entire adhesive strip to ensure a continuous seal. For complete installation instructions, contact our Technical Assistance at 1-800-773-4777 or download them from our website at [www.fortifiber.com](http://www.fortifiber.com).

**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.

**Fortifiber Warranty:** 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.

This product may be eligible for Fortifiber's FortiShield 15 year warranty when used in conjunction with other Fortifiber products. Please see our website at [www.fortifiber.com/warranty.htm](http://www.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/Moistop E-Z Seal reinforced polymer membrane and self-adhesive backing.

**REFERENCE SPECIFICATION:** ASTM E-2112.

*Table 1 - Physical Properties*

CHARACTERISTIC	TEST METHOD	RESULTS	INDUSTRY STANDARD (AC-38 GRADE A)
Water Vapor Permeance	ASTM E-96 (Method A) ASTM F-1249	<0.1 perms (<0.3 g/m <sup>2</sup> /day)	<0.57 perms (<4 g/m <sup>2</sup> /day)
Water Resistance	ASTM D-779	150 hours	24 hours
Tensile Strength	ASTM D-882	MD - 30 lb. <sup>f</sup> /inch CD - 35 lb. <sup>f</sup> /inch	MD - 20 lb. <sup>f</sup> /inch CD - 20 lb. <sup>f</sup> /inch
Adhesion	PSTC-1	Steel - 9 lbs./in Backing - 6 lbs./in Plywood - 5 lbs./in	n/a
Mold Growth	ASTM G-21	0 Fungal Growth	n/a



**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](http://www.fortifiber.com).

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A step 2 component of the Fortifiber 1-2-3 Moisture Control System



## Henry® FortiFlash® Waterproof Flashing Membrane



### Premium protection against water intrusion

**Henry® FortiFlash® Waterproof Flashing Membrane** is engineered to deliver long-lasting, cost-effective protection against water intrusion in the most demanding environments. Featuring trouble-free peel-n-stick installation, **Henry FortiFlash Waterproof Flashing Membrane** is ideal for use around windows and doors, as well as non-roofing horizontal applications such as pot shelves, parapets, sill pans and recessed windows.

As part of the Fortifiber® 1-2-3 moisture control system, **Henry FortiFlash Waterproof Flashing Membrane** is easy to use on the jobsite and is backed by an industry-leading 15-year material PLUS labor warranty.

### Features and Benefits

-  Highly cost-effective protection against moisture
-  Optimal adhesion allows flashing to remain in place without mechanical fasteners
-  Self-seals around nails and fasteners for lasting watertightness
-  Exceptional tear resistance
-  AAMA 711 compliant
-  Compatible with Moistop® Sealant

## Performance standards you can trust

**Henry FortiFlash Waterproof Flashing Membrane** is continually tested in accordance with ASTM procedures. It is designed for use as a concealed flashing in frame construction where a waterproof membrane is required.

Physical/performance property	Typical value		Test method
	25 MIL	40 MIL	
Application temperature	40 °F to 120 °F (4.4 °C to 48.9 °C)		-
Service temperature	-40 °F to 149 °F (-40 °C to 65 °C)		-
Lap adhesion	9.3 lb./inch	10 lb./inch	ASTM D903
Puncture resistance	40 lbf.		ASTM E154
Water vapor permeance	<0.08 perms	<0.05 perms	ASTM E96
Water resistance	>200 hours		ASTM D779

\*FortiFlash is continually tested in accordance with ASTM procedures. The values shown are typical values obtained in these tests.

### Product characteristics

Composition	Asphalt adhesive that is laminated to polyolefin film reinforcement with a siliconized paper release sheet.		
Roll size	4", 6", 9", 12", 18" or 36" x 75'		
	25 MIL	40 MIL	
Weight (lbs. per roll)	3.8 (4")	5.7 (4")	
	5.7 (6")	8.6 (6")	
	8.5 (9")	13 (9")	
	11.4 (12")	17 (12")	
	15 (18")	26 (18")	
	30 (36")	52 (36")	

### Product approvals and certifications

Complies with the International Code Council Evaluation Services Acceptance Criteria for Flashing Materials (AC 148)
Complies as flexible flashing specified in Chapter 14 of the International Building Code and Chapter 7 of the International Residential Code
ASTM D412 - Standard Test Methods for Vulcanized Rubber and Thermoplastic Rubbers and Thermoplastic Elastomers-Tension
ASTM D779 - Standard Test Method for Water Resistance of Paper, Paperboard and Other Sheet Materials by the Dry Indicator Method
ASTM D903 - Peel or Stripping Strength of Adhesive Bonds
ASTM E96 - Water Vapor Transmission of Materials
ASTM E154 - Standard Test Methods for Water Vapor Retarders Used in Contact with Earth Under Concrete Slabs, on Walls, or as Ground Cover
AAMA 711 - Voluntary specification for self-adhering flashing



Featuring a range of compatible weather barriers, flashings and sealants, the Fortifiber® 1-2-3 Moisture Control System by Henry® makes it easier than ever to build with confidence.

Henry, FortiFlash and Fortifiber are registered trademarks of the Henry Company

**Limitations:** For optimum adhesion, FortiFlash should be applied at temperatures between 40 °F (4.4 °C) and 120 °F (48.9 °C). Be cautious about using FortiFlash where it can be exposed to temperatures above its Service Temperature such as hot climates or behind fiber cement and metal sidings that absorb a significant amount of heat. Product should be covered as soon as possible (exposure not to exceed 45 days). Inspect product to ensure it is free of any damage which may compromise its moisture-resistive properties. FortiFlash is not compatible with EPDM or flexible (plasticized) Polyvinyl Chloride (PVC) based membranes. Where installed horizontally or with a slope of less than 60° do not use fasteners. FortiFlash also is not compatible with some sealants. Consult with sealant manufacturer for compatibility information. Direct exposure of sealant to the adhesive side of FortiFlash can be detrimental if the amount of sealant exceeds what is specified in Henry's installation guide. Please follow installation guide recommendations regarding location and amount of sealant to be used. Henry strongly recommends using Moistop® Sealant and Liquid Flashing for any installation where sealant may come in contact with the FortiFlash adhesive.

**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 membrane. Primer must be used over some substrates including gypsum board (including Dens-Glass Gold), concrete and masonry. For all other substrates field test a small sample of FortiFlash prior to application. If adhesion is inadequate, apply Aquatac™ Primer or 3M Super 77® Spray Adhesive according to the manufacturer's application instructions. Areas not covered with membrane the same day must be re-primed.

To apply FortiFlash, peel away the release paper and press membrane firmly over substrate, applying sufficient pressure with a metal or wood roller along the entire membrane to ensure a continuous seal. For a complete set of installation instructions, visit [www.henry.com](http://www.henry.com) or request a copy from Technical Assistance at 1-800-773-4777.

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

**Henry Product Warranty Information:** This product may be eligible for the 15 year Fortifiber 1-2-3 Moisture Control System Warranty when used in conjunction with other products. See <https://us.henry.com/warranty> for details.

We, the manufacturer, warrant only that this product is free of defects, since many factors which affect the results obtained from this product – such as weather, workmanship, equipment utilized, and prior condition of the substrate – are all beyond our control. We will replace at no charge any product proved to have a material defect within 12-months of purchase, provided it has been applied in accordance with our written directions for uses we recommend as suitable for this product. Proof of purchase must be provided.

**DISCLAIMER OF WARRANTIES AND LIMITATION OF LIABILITY:** THIS LIMITED WARRANTY IS IN LIEU OF ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. NO ONE, INCLUDING THE MANUFACTURER, SHALL HAVE ANY LIABILITY OF ANY KIND BEYOND PRODUCT REPLACEMENT, INCLUDING FOR NEGLIGENCE OR FOR DIRECT, CONSEQUENTIAL, EXEMPLARY OR INCIDENTAL DAMAGES, RESULTING FROM ANY MISUSE, DEFECTS OR DELAYS CAUSED BY REPLACEMENT OR OTHERWISE. IF PURCHASER DOES NOT ACCEPT THESE TERMS, PURCHASER MAY RETURN WITHIN 30-DAYS OF PURCHASE ALL UNOPENED CONTAINERS OR PACKAGES OF PRODUCT PURCHASED FOR A FULL REFUND. RETENTION OF PRODUCT BEYOND 30-DAYS, OR USE OF PRODUCT SHALL CONSTITUTE ACCEPTANCE OF THESE TERMS, CONDITIONS, AND DISCLAIMERS. THIS LIMITED WARRANTY AND LIABILITY DISCLAIMER PROVIDES THE PURCHASER'S EXCLUSIVE REMEDY FOR ANYTHING RELATING TO THE PRODUCT. To the extent that any part of this LIMITED PRODUCT WARRANTY AND LIABILITY DISCLAIMER is determined unenforceable under the law of the place of purchase of the product, that part is severed and the remainder of these terms remain in full force and effect. To the extent permitted by law, the duration of any implied warranties is limited to the duration of Henry's express warranty.

This warranty language supersedes any language found elsewhere, including product labels, sell sheets and/or technical documents.

**Henry®**

**Building Envelope Systems®**  
Wall & Window | Roof | Foundation

Ask us today about other Henry® solutions that help manage the flow of water, air, vapor and energy.



A step 2 component of the Fortifiber 1-2-3 Moisture Control System



## Henry® FortiFlash® Butyl Flashing Membrane



### Maximum protection against water intrusion

**Henry® FortiFlash® Butyl Waterproof Flashing Membrane** delivers exceptional protection against water intrusion in even the most demanding environments. Advanced butyl adhesive provides a tight bond and can withstand extreme temperatures (250 °F). Wider sizes feature a split-back release liner for easy installation, **FortiFlash Butyl Waterproof Flashing Membrane** provides a strong, self-sealing barrier that protects windows, doors and through-wall penetrations, as well as non-roofing horizontal applications such as pot shelves, parapets, sill pans and recessed windows.

As part of the Fortifiber® 1-2-3 moisture control system, **FortiFlash Butyl Waterproof Flashing Membrane** is backed by an industry-leading 15-year material PLUS labor warranty.

### Features and Benefits



Self-seals around nails and fasteners for lasting watertightness



Can be installed at temperatures as low as 25 °F (-4 °C), keeping projects on schedule even during winter months



Split-back release for easier handling of wide sizes



Compatible with Moistop Sealant



Advanced adhesive allows flashing to remain in place without mechanical fasteners



AAMA 711 compliant



## Performance standards you can trust

**Henry® FortiFlash® Butyl Waterproof Flashing Membrane** is continually tested in accordance with ASTM procedures. It is a high-performing self-adhesive waterproof membrane, designed for use as a concealed flashing in frame construction where a waterproof membrane is required.

Physical/performance property	Typical value		Test method
	20 MIL	30 MIL	
<b>Tensile strength</b>	MD - 70 lb./in CD - 70 lb./in	MD - 92 lb./in CD - 85 lb./in	AAMA 711 Sec 5.1
<b>Nail sealability</b>	Pass		AAMA 711 Sec 5.2
<b>90° Peel adhesion</b>			
<b>Plywood</b>	5.9 lb./in		AAMA 711 Sec 5.3
<b>OSB</b>	2.0 lb./in		
<b>Facer</b>	6.0 lb./in		
<b>Service temperature</b>	-40 °F to 250 °F		-
<b>Application temperature</b>	25 °F to 125 °F		-
<b>Water resistance</b>	>200 hours		ASTM D779

\*FortiFlash Butyl is continually tested in accordance with ASTM procedures. The values shown are typical values obtained in these tests.

### Product characteristics

<b>Composition</b>	Polypropylene facer film, all-butyl adhesive (contains no asphalt) 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.	
	<b>20 MIL</b>	<b>30 MIL</b>
<b>Roll size</b>	4" x 75' 6" x 75' 9" x 75' 12" x 75' 18" x 75'	9" x 75' 12" x 75' 18" x 75'
<b>Weight (lbs. per roll)</b>	3.75 (4") 5.6 (6") 8.5 (9") 11.5 (12")	12.75 (9") 17.25 (12") 25 (18")

### Product approvals and certifications

ASTM D779 - Standard Test Method for Water Resistance of Paper, Paperboard and Other Sheet Materials by the Dry Indicator Method
ASTM D1970 - Standard Specification for Self-Adhering Polymer Modified Bituminous Sheet Materials Used as Steep Roofing Underlayment for Ice Dam Protection
ASTM E2112 - Standard Practice for Installation of Exterior Windows, Doors and Skylights
AAMA 711 - Voluntary Specification for Self Adhering Flashing Used for Installation of Exterior Wall Fenestration Products
Complies as flexible flashing specified in Chapter 14 of the International Building Code and Chapter 7 of the International Residential Code



Featuring a range of compatible weather barriers, flashings and sealants, the Fortifiber® 1-2-3 Moisture Control System by Henry® makes it easier than ever to build with confidence.

Henry, FortiFlash and Fortifiber are registered trademarks of the Henry Company

**Limitations:** For optimum performance, FortiFlash Butyl should be applied at temperatures between 25 °F and 125 °F. Product should be covered within 90 days of application. Inspect the product to ensure it is free of any damage that may compromise its moisture-resistive properties. Where installed horizontally or with a slope of less than 60° do not use fasteners.

**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. Aqua Tac® Primer must be used over some substrates including gypsum board (including DensGlass®), concrete and masonry. Field test a small sample of FortiFlash Butyl on all substrates prior to application to confirm sufficient adhesion.

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

**Henry Product Warranty Information:** This product may be eligible for the 15 year Fortifiber 1-2-3 Moisture Control System Warranty when used in conjunction with other products. See <https://us.henry.com/warranty> for details.

We, the manufacturer, warrant only that this product is free of defects, since many factors which affect the results obtained from this product – such as weather, workmanship, equipment utilized, and prior condition of the substrate – are all beyond our control. We will replace at no charge any product proved to have a material defect within 12-months of purchase, provided it has been applied in accordance with our written directions for uses we recommend as suitable for this product. Proof of purchase must be provided.

**DISCLAIMER OF WARRANTIES AND LIMITATION OF LIABILITY:** THIS LIMITED WARRANTY IS IN LIEU OF ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. NO ONE, INCLUDING THE MANUFACTURER, SHALL HAVE ANY LIABILITY OF ANY KIND BEYOND PRODUCT REPLACEMENT, INCLUDING FOR NEGLIGENCE OR FOR DIRECT, CONSEQUENTIAL, EXEMPLARY OR INCIDENTAL DAMAGES, RESULTING FROM ANY MISUSE, DEFECTS OR DELAYS CAUSED BY REPLACEMENT OR OTHERWISE. IF PURCHASER DOES NOT ACCEPT THESE TERMS, PURCHASER MAY RETURN WITHIN 30-DAYS OF PURCHASE ALL UNOPENED CONTAINERS OR PACKAGES OF PRODUCT PURCHASED FOR A FULL REFUND. RETENTION OF PRODUCT BEYOND 30-DAYS, OR USE OF PRODUCT SHALL CONSTITUTE ACCEPTANCE OF THESE TERMS, CONDITIONS, AND DISCLAIMERS. THIS LIMITED WARRANTY AND LIABILITY DISCLAIMER PROVIDES THE PURCHASER'S EXCLUSIVE REMEDY FOR ANYTHING RELATING TO THE PRODUCT. To the extent that any part of this LIMITED PRODUCT WARRANTY AND LIABILITY DISCLAIMER is determined unenforceable under the law of the place of purchase of the product, that part is severed and the remainder of these terms remain in full force and effect. To the extent permitted by law, the duration of any implied warranties is limited to the duration of Henry's express warranty.

This warranty language supersedes any language found elsewhere, including product labels, sell sheets and/or technical documents.

# Henry®

**Building Envelope Systems®**  
Wall & Window | Roof | Foundation

Ask us today about other Henry® solutions that help manage the flow of water, air, vapor and energy.

# COMMERCIAL FORTIFLASH® WATERPROOF FLASHING MEMBRANE

Given the rigorous demands of commercial construction, builders can't afford to take chances with materials that may not live up to extreme "in service" conditions. That is why Fortifiber® introduces the premier self-adhesive flashing for commercial applications — FortiFlash Commercial.

FortiFlash Commercial sets a new standard for waterproof flashing membranes. Designed for "in service" applications up to 176°F (80°C), FortiFlash Commercial meets the highest temperature

“*FortiFlash Commercial's high-temperature formulation meets the highest standard for self-adhesive flashing.*”

requirements of the American Architectural Manufacturers Association 711 standard for self-adhesive flashing. It is part of a complete Moisture Control System for walls engineered by the Fortifiber Building Systems Group®. When integrated into the building envelope, our solutions help manage and eliminate moisture-related problems including water-related structural failures, mold and

mildew. The design of FortiFlash Commercial reflects our commitment to building a product that meets all ASTM, AAMA and field standards.

## Premium Self-Adhesive Flashing Membrane

FortiFlash Commercial is engineered to deliver lasting protection against water intrusion in the most demanding environmental conditions. It is the premium self-adhesive waterproof flashing membrane for windows. It is also ideally suited for flashing non-roofing horizontal conditions such as pot shelves, parapets, sill pans and recessed windows. Its strong adhesion makes it a perfect choice for sealing around common through-wall penetrations such as hose bibs, vents, electrical boxes and exterior lights.

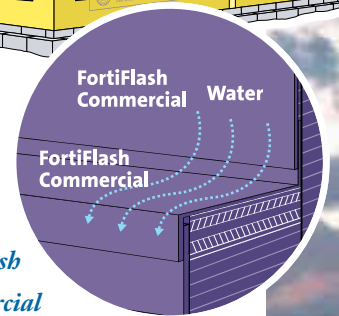
Reinforced by an incredibly strong cross-laminated high-density polyethylene film, FortiFlash Commercial can be installed around protrusions and into the tightest corners without delaminating or tearing. Its self-sealing rubberized asphalt core stays in place in the most punishing weather conditions. It is available in 6, 9, 12, and 18 inch widths.

## Part of a Complete Moisture Control Solution

FortiFlash Commercial integrates with Fortifiber's complete system of flashing products and accessories, including Moistop® Sealant and Liquid Flashing and WeatherSmart® Commercial, all designed to meet the rigorous needs of commercial architects and contractors. Designed through the use of building science and perfected in the field, this is the only complete moisture control system available in the industry 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 Commercial is a product distributed by the Fortifiber Building Systems Group. With more than a seventy-five 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

## Commercial

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

- HIGH-TEMPERATURE FORMULATION
- MAXIMUM WATER AND LEAK PROTECTION
- SELF-ADHESIVE INSTALLATION
- EXCEEDS ASTM & AAMA STANDARDS
- PART OF A COMPLETE MOISTURE CONTROL SYSTEM
- FOR BEST RESULTS, USE WITH MOISTOP® SEALANT AND LIQUID FLASHING



**Product Description:** FortiFlash Commercial is a premium 40 mil self-adhesive waterproof membrane designed for use as a concealed flashing in frame construction where a waterproof membrane is required.

**Composition:** FortiFlash Commercial is composed of a self-sealing SBS modified asphalt core laminated to a cross-laminated, high-density polyethylene film reinforcement with a siliconized paper release sheet.

**Size & Weight:** FortiFlash Commercial is supplied in convenient 6", 9", 12", and 18" widths by 75' long rolls. Weight is approximately 8.6 (6"), 13 (9"), 17 (12"), and 26 (18") lbs. per roll.

**Applicable Standards:** Complies with the International Code Council Evaluation Services Acceptance Criteria for Flashing Materials (AC 148).

Complies to the flexible flashing specified in Section 1405.3 of the International Building Code®, Section R703.8 of the International Residential Code® and Section 1402.2 of the Uniform Building Code™.

American Architectural Manufacturers Association Specification 711, Level 3

American Society for Testing & Materials (ASTM):

- ASTM D146 - Standard Test Methods for Sampling and Testing Bitumen-Saturated Felts and Woven Fabrics for Roofing and Waterproofing
- ASTM D412 - Standard Test Methods for Vulcanized Rubber and Thermoplastic Rubbers and Thermoplastic Elastomers-Tension
- ASTM D779 - Standard Test Method for Water Resistance of Paper, Paperboard, and Other Sheet Materials by the Dry Indicator Method
- ASTM D903 - Peel or Stripping Strength of Adhesive Bonds
- ASTM E96 - Water Vapor Transmission of Materials
- ASTM E154 - Standard Test Methods for Water Vapor Retarders Used in Contact with Earth Under Concrete Slabs, on Walls, or as Ground Cover

**Physical Properties:** FortiFlash Commercial is continually tested in accordance with ASTM procedures. The values shown in Table 1 are averages obtained in these tests.

**Limitations:** For optimum adhesion, FortiFlash Commercial should be applied at temperatures above 40° F (4.4° C). Product should be covered as soon as possible (exposure not to exceed 45 days). Inspect product to ensure it is free of any damage which may compromise its moisture-resistive properties. FortiFlash Commercial is not compatible with EPDM or flexible (plasticized) PVC-based membranes and some sealants. Moistop® Sealant and Liquid Flashing adheres to and is compatible with FortiFlash Commercial, as is Fortifiber's full line of flashing products and weather-resistive barriers. Test for compatibility before using any other sealants. Direct exposure of sealant to the adhesive side of FortiFlash Commercial can be detrimental if the



amount of sealant exceeds what is specified in Fortifiber's installation guide. Please follow installation guide recommendations regarding location and amount of sealant to be used. Fortifiber strongly recommends using Moistop Sealant and Liquid Flashing for any installation where sealant may come in contact with Fortiflash adhesive. Where installed horizontally or with a slope of less than 60° do not use fasteners.

**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 membrane. Primer must be used over some substrates including gypsum board (including Dens-Glass Gold), concrete and masonry. For all other substrates field test a small sample of FortiFlash Commercial prior to application. If adhesion is inadequate, apply Fortifiber Primer or 3M Super 77® Spray Adhesive according to the manufacturer's application instructions. Areas not covered with membrane the same day must be re-primed.

To apply FortiFlash Commercial, peel away the release paper and press membrane firmly over substrate, applying sufficient pressure with a metal or wood roller along the entire membrane to ensure a continuous seal. For a complete set of installation instructions, visit [www.fortifiber.com](http://www.fortifiber.com) or request a copy from Technical Assistance at 1-800-773-4777.

**Availability:** The Fortifiber Building Systems Group's 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 call our Customer Service Department at 1-800-773-4777.

**Fortifiber Warranty:** This product may be eligible for Fortifiber's FortiShield 15 year warranty when used in conjunction with other Fortifiber products. Please see our website at [www.fortifiber.com/warranty.htm](http://www.fortifiber.com/warranty.htm) for details.

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.

**SPECIFICATION SUMMARY:** Provides self-adhesive waterproofing membrane for sealing vertical and non-roofing horizontal conditions, such as sills, pans, shelves, through-wall penetrations and gaps.

**WATERPROOF FLASHING MEMBRANE:** Fortifiber/FortiFlash Commercial self-adhesive, self-sealing SBS modified asphalt waterproof membrane laminated to high density, cross-laminated polyethylene film reinforcement.

**REFERENCE SPECIFICATION:** International Code Council AC 148.

Table 1- Physical Properties

CHARACTERISTIC	TEST METHOD	RESULTS
Water Vapor Permeance	ASTM E96	<0.05 perms
Water Resistance	ASTM D779	>200 hours
Lap Adhesion	ASTM D903	8.5 lb./inch
Puncture Resistance	ASTM E154	40 lbf.
Application Temperature	—	40°F to 120°F (4.4°C to 48.9°C)
Service Temperature	AAMA 711	Level 3 -40°F to 176°F (-40°C to 80°C)



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



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# FORTIFLEX®

## FLEXIBLE FLASHING MEMBRANE

The proper integration of windows, doors and other fenestrations to the weather-resistive barrier is a vital step toward preventing unwanted moisture infiltration that can lead to potentially catastrophic damages and warranty claims. The installation of curved or arched windows and doors adds additional challenges.

FortiFlex rounds out Fortifiber's complete Moisture Control System for walls, engineered to provide lasting protection for wall assemblies. When integrated into the building envelope, our solutions help manage and eliminate moisture-related problems including water-related structural failures, mold and mildew.

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

FortiFlex 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 self-adhered rubberized asphalt compound and a cross-laminated polyethylene creped film that features exceptional stretch and durability. The flexible film allows FortiFlex to be stretched around tight arcs, including arched windows and sill pans – while its adhesive compound adheres aggressively to plywood, OSB, aluminum, rigid vinyl, steel and weather-resistive barriers across a wide temperature range. Its unique construction delivers a dependable seal around nails and other mechanical fasteners – even when stretched around corners.

“*FortiFlex adheres aggressively to plywood, OSB, rigid vinyl, aluminum, steel and housewraps.*”

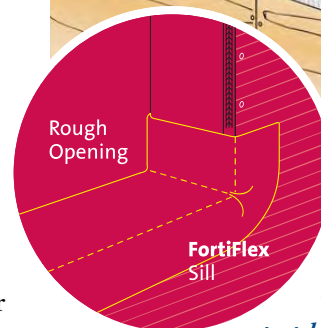
defense against moisture intrusion. Comprised of materials that are 100% compatible with each other, the system takes the guesswork out of flashing and sealing materials that work together and deliver performance you can count on.

### Part of a Complete Moisture Control Solution

For maximum protection, FortiFlex can be used in conjunction with FortiFlash® Flashing and Moistop® Sealant as part of a complete moisture control solution. This flashing system provides superior water protection against moisture intrusion with all types of windows, including wood, vinyl and aluminum casings. The adhesive compound completely envelops the window flange, creating an impenetrable line of

### Decades of Proven Performance

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



*FortiFlex stretches to allow installation around tight curves, such as in sill pan applications.*

- EXCEPTIONAL FLEXIBILITY AND DURABILITY
- SELF-SEALING PROPERTIES
- IDEAL FOR PLYWOOD, OSB, ALUMINUM – AS WELL AS WOOD AND VINYL WINDOWS
- AGGRESSIVE ADHESIVE COMPOUND
- PART OF A COMPLETE MOISTURE CONTROL SYSTEM



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

**Composition:** FortiFlex is a self-adhesive membrane consisting of a rubberized asphalt adhesive laminated to a cross-laminated polyethylene creped film. The adhesive is designed to aggressively bond to a wide range of substrates, including wood, vinyl, metal, asphalt saturated papers and other exterior weather-resistive barriers. The flexible film allows FortiFlex to be stretched around arched windows, window sills and other shapes. Thickness is 70 mils.

**Size & Weight:** FortiFlex is supplied in convenient 6" and 9" widths by 50' long rolls. Weight is approximately 8.7 lbs/roll for the 6" width and 13 lbs/roll for the 9" wide product.

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

- ASTM D-779 - Standard Test Method for Water Resistance of Paper, Paperboard, and Other Sheet Materials by the Dry Indicator Method
- ASTM D-1970 - Standard Specification for Self-Adhering Polymer Modified Bituminous Sheet Materials Used as Steep Roofing Underlayment for Ice Dam Protection
- ASTM E-96 - Water Vapor Transmission of Materials
- ASTM E-2112 - Standard Practice for Installation of Exterior Windows, Doors and Skylights

**Physical Properties:** FortiFlex is continually tested in accordance with ASTM procedures. The values shown in Table 1 are averages obtained in these tests.

**Limitations:** For optimum adhesion, FortiFlex should be applied at temperatures between 45° F (7.2° C) and 120° F (48.9° C). Product should be covered as soon as possible. Inspect product to insure it is free of any protrusions or damage which may compromise its moisture-resistive properties. Do not apply FortiFlex over flexible vinyl gaskets, silicone caulking or any uncured solvents or sealants. Caution: Over-stretching may damage product.

**Installation:** For optimum performance, FortiFlex should be installed with FortiFlash and Moistop Sealant. In a typical installation, FortiFlex is installed in the sill opening, extending 4-6" up the side jambs, and folded across the face of the sheathing. Apply firm pressure with a hand roller to

ensure adhesion. Moistop Sealant is then applied to the back of the window flanges and windows are installed.

FortiFlex or FortiFlash may be applied over the jambs, extending at least 4" beyond the top of the side flanges, and at least 1" beyond the exposed flashing at the sill. Then apply FortiFlex along the header flange, stretching the flashing to conform to curved arches. The flashing should extend at least 1" beyond the top of the jamb flashings.

FortiFlex should be properly integrated with the housewrap. 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 membrane. In cold weather, or if FortiFlex does not adhere to OSB, use Fortifiber Primer or 3M Super 77® Spray Adhesive to improve adhesion. FortiFlex may also be mechanically attached. For complete installation instructions, contact our Technical Assistance at 1-800-773-4777 or download them from our website at [www.fortifiber.com](http://www.fortifiber.com).

**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.

**Fortifiber Warranty:** 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.

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This product may be eligible for Fortifiber's FortiShield 10 year warranty when used in conjunction with other Fortifiber products. Please see our website at [www.fortifiber.com/warranty.htm](http://www.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/FortiFlex creped cross-laminated polymer membrane and self-adhesive backing.

**REFERENCE SPECIFICATION:** ASTM E-2112.

*Table 1 - Physical Properties*

CHARACTERISTIC	TEST METHOD	RESULTS	INDUSTRY STANDARD (AC-38 GRADE A)
Flexibility	ASTM D-1970	Pass	n/a
Water Vapor Permeance	ASTM E-96 (Method A)	.008 perms (.056 g/m <sup>2</sup> /day)	<0.57 perms (<4 g/m <sup>2</sup> /day)
Water Resistance	ASTM D-779	80 hours	24 hours
Nail Sealability	ASTM D-1970	Pass	n/a
Tensile Strength	ASTM D-1970	MD - 36 lb. <sup>f</sup> /inch CD - 23 lb. <sup>f</sup> /inch	MD - 20 lb. <sup>f</sup> /inch CD - 20 lb. <sup>f</sup> /inch
Elongation	ASTM D-1970	300%	n/a
Service Temp.	-	-20°F to 175°F	n/a
Application Temp.	-	45°F to 120°F	n/a



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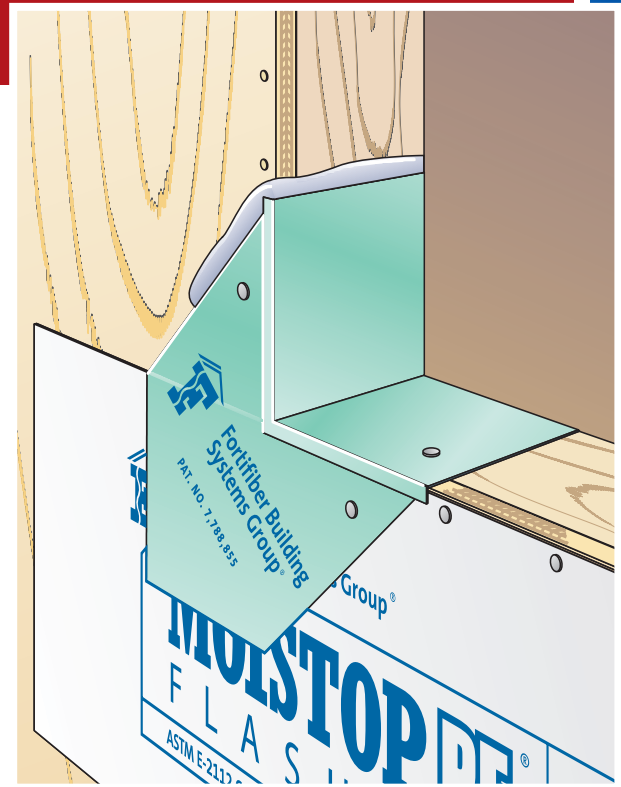
Call 1-800-773-4777 or 1-775-333-6400 for sales and technical assistance. On the Internet visit [www.fortifiber.com](http://www.fortifiber.com).

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# MOISTOP CORNER SHIELDS®

## Moistop Corner Shield Features

- |   |  |
|---|--|
| <b>Conforms to the Window Frame</b>               | <ul style="list-style-type: none"> <li>Integrates into the wall system, to create a seamless drainage plane</li> <li>Can correct for framing irregularities</li> </ul>                               |
| <b>Part of a Complete Moisture Control System</b> | <ul style="list-style-type: none"> <li>Engineered to work with Fortifiber's complete moisture control system</li> </ul>  |
| <b>Polyolefin Construction</b>                    | <ul style="list-style-type: none"> <li>Abuse resistant, for high reliability on the jobsite; flexible</li> </ul>   |
| <b>Welded Corners</b>                             | <ul style="list-style-type: none"> <li>Highly durable solution for the ultimate in moisture protection</li> </ul>  |
| <b>Easy to Install</b>                            | <ul style="list-style-type: none"> <li>Does not require large mechanical fasteners</li> <li>No measurement; easy cutting</li> </ul>  |
| <b>Cost</b>                                       | <ul style="list-style-type: none"> <li>More cost-effective than the bitumen and butyl products</li> <li>Low cost insurance for window installation, minimizing expensive liability claims</li> </ul> |



## Moistop Rigid Corner Shield Features

- |   |   |
|---|---|
| <b>Rugged Construction</b>                        | <ul style="list-style-type: none"> <li>Monolithic molded corners</li> <li>Made from durable high density polyethylene plastic</li> <li>Won't crack or deform</li> </ul> |
| <b>Corner Shape</b>                               | <ul style="list-style-type: none"> <li>Does not require molding to the corner</li> <li>Fits snugly and will not gap</li> </ul>  |
| <b>Easy to Install</b>                            | <ul style="list-style-type: none"> <li>Does not require large mechanical fasteners</li> <li>Installs with sealant and a stapler</li> </ul>                              |
| <b>Part of a Complete Moisture Control System</b> | <ul style="list-style-type: none"> <li>Engineered to work with Fortifiber's complete moisture control system</li> <li>Strengthens complete flashing system</li> </ul>   |
| <b>Preformed Product</b>                          | <ul style="list-style-type: none"> <li>Uniform size and shape</li> </ul>  |

**Fortifiber Warranty:** 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.



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.

This product may be eligible for Fortifiber's FortiShield 15 year warranty when used in conjunction with other Fortifiber products. Please see our website at [www.fortifiber.com/warranty.htm](http://www.fortifiber.com/warranty.htm) for details.



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for sales and technical assistance.**

**On the Internet visit [www.fortifiber.com](http://www.fortifiber.com).**





A step 3 component of the Fortifiber 1-2-3 Moisture Control System



## Henry® Moistop® Sealant



### Completely compatible moisture resistance

Designed to make weatherization easier and save time on the jobsite, **Henry® Moistop® Sealant** is both a moisture-resistant sealant and a flashing. Fully compatible with all Henry products, **Moistop Sealant** delivers excellent adhesion and moisture resistance on a wide range of building materials, surfaces and structures. It also provides flexible, gap-free flashing even around curved intrusions and can fill construction joints up to ½ inch thick.

Part of the Fortifiber® 1-2-3 moisture control system, **Moistop Sealant** is designed to withstand the rigors of the jobsite and the elements, and is backed by an industry-leading 15-year material PLUS labor warranty.

### Features and Benefits



Exceeds AAMA 808.3 and ASTM C920 standards



Optimal adhesion on most surfaces



Conforms to any shape and fills joints up to ½" wide



Paintable and durable



Excellent balance between water resistance and permeability

## Performance standards you can trust

**Moistop Sealant** is continually tested in accordance with AAMA and ASTM procedures. It provides an exterior perimeter sealing compound for windows and doors that is compatible with most commonly used building materials.

Physical/performance property	Typical value	Test method
<b>Peel adhesion:</b>	20 lb/in Pass	ASTM C794 AAMA 799
<b>Tensile maximum:</b>	200 psi (1.38 N/mm <sup>2</sup> )	ASTM D412
<b>Elongation:</b>	450%	ASTM D412
<b>Max VOC:</b>	9 g/l (.075 lbs/gal)	ASTM D3960
<b>Hardness:</b>	30 ±5	ASTM C661
<b>Service temperature:</b>	-40 °F to 180 °F (-40 °C to 82.2 °C)	-
<b>Application temperature:</b>	40 °F to 110 °F (4.4 °C to 43.3 °C)	-
<b>Tack time:</b>	<1 hour	1/4" (6.34 mm) diam. bead @ 77 °F (25 °C) 50% R.H.
<b>Cure time:</b>	24 hours	1/4" (6.34 mm) diam. bead @ 77 °F (25 °C) 50% R.H.
<b>Movement capability</b>	±25%	ASTM C719
<b>Liquid applied flashing:</b>	Pass	AAMA 714-15

\*Moistop is continually tested in accordance with ASTM procedures. The values shown are typical values obtained in these tests.

### Product characteristics

<b>Composition</b>	One component, moisture curing, non-sag, gun-grade elastomeric polymer for use as a sealant or liquid applied flashing.
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### Approximate coverage (Ln. Ft. per 10 oz.)

	Sealant	Liquid applied flashing	
		25 mil	40 mil
3/8" Bead	30'	-	-
4" width	-	15'	10'
6" width	-	10'	6'

### Product approvals and certifications

ASTM C920 Type S, Grade NS, Class 25, Use-NT, Use-A, Use-M, Use-G, Use-O
AAMA 808.3-92 (Exterior Perimeter Sealing Compound)
AAMA 714-15



Featuring a range of compatible weather barriers, flashings and sealants, the Fortifiber® 1-2-3 Moisture Control System by Henry® makes it easier than ever to build with confidence.

Henry, Fortifiber and Moistop are registered trademarks of the Henry Company

**Limitations:** Not recommended for unprimed masonry joints that will be subjected to continuous water immersion; joints that are contaminated with grease, wax, corrosion or cement laitance; horizontal joints in floor or decks where physical abuse is encountered; special architectural finishes without proper testing. Not compatible with solvent-based paints.

**Installation:** Moistop Sealant should be applied when temperatures are between 40 °F and 112 °F. Do not apply to frost-bearing surfaces or when temperatures have been below freezing for more than 24 hours immediately prior to installation. Tooling techniques using solvents or soapy solutions are not recommended; sealant cannot be cleaned/tooled uncured with solvents (isopropyl alcohol is recommended). All surfaces must be evaluated for adhesion prior to product acceptance.

**Compatibility and Adhesion:** It is expected that Moistop Sealant will adhere and perform in uncontaminated joints with most common construction substrates. Substrates include but are not limited to concrete, exterior gypsum, stucco, EIFS, aluminum, galvanized surfaces, glass, wood and polyvinyl chloride (PVC). Due to the vast numbers and types of surface coatings and treatments available, Henry recommends pretesting Moistop Sealant on the surface in question. Sealant compatibility testing is not required for Henry's full line of flashing products and weather-resistive barriers. All surfaces should be clean and clear of any surface contamination. In the case of some exotic coatings, priming or other surface treatment may be necessary.

**Shelf Life:** Moistop Sealant will exhibit a ten (10) month shelf life when stored at temperatures not exceeding 75 °F. "Use by" date is printed on each tube.

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

**Precautions:** IF THIS PRODUCT IS USED IN DIRECT CONTACT WITH ANY OTHER SEALANT OR ELASTOMER, A COMPATIBILITY TEST MUST BE CONDUCTED BY PURCHASER OR USER, PRIOR TO ACCEPTANCE. MOISTOP SEALANT AND LIQUID FLASHING IS NOT COMPATIBLE WITH OXIME CONTAINING SILICONE SEALANTS. The suitability of this product, for each intended use, must be determined by the purchaser prior to acceptance. Avoid skin contact. On contact, uncured sealant could cause irritation to the skin and eyes. In the case of eye contact, flush immediately with warm water for at least 15 minutes and call a physician. For skin contact, remove with a towel and wash the affected area with a citrus-based hand cleaner. If swallowed, do not induce vomiting; call a physician. This product is manufactured for industrial use only. Refer to Safety Data Sheet (SDS) on the company's website at [www.henry.com](http://www.henry.com) for further information. For medical emergency call Henry Technical Support at 800-773-4777.

**Henry Product Warranty Information:** This product may be eligible for the 15-year Fortifiber 1-2-3 Moisture Control System Warranty when used in conjunction with other products. See <https://us.henry.com/warranty> for details.

We, the manufacturer, warrant only that this product is free of defects, since many factors which affect the results obtained from this product – such as weather, workmanship, equipment utilized, and prior condition of the substrate – are all beyond our control. We will replace at no charge any product proved to have a material defect within 12-months of purchase, provided it has been applied in accordance with our written directions for uses we recommend as suitable for this product. Proof of purchase must be provided.

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This warranty language supersedes any language found elsewhere, including product labels, sell sheets and/or technical documents.

# Henry®

**Building Envelope Systems®**  
Wall & Window | Roof | Foundation

Ask us today about other Henry® solutions that help manage the flow of water, air, vapor and energy.

# FORTIFIBER® PRIMER

When installing self-adhesive flashing, good adhesion is essential. Substrate materials, surface contamination and low temperature conditions can all interfere with proper adhesion. A primer is sometimes needed to help the self-adhesive flashing material bond to the substrate. Fortifiber Building Systems Group® offers Fortifiber Primer, a polymer emulsion based primer specially formulated to be compatible with all Fortifiber products.

“*Fortifiber Primer is specially formulated to be compatible with all Fortifiber products.*”

The primer works with masonry, concrete, non-treated wood, drywall, metal and fiberglass mat

gypsum board, including DensGlass®. It's easily applied by brush, roller, or spray equipment, and is specially formulated to provide a high level of tack on vertical surfaces.

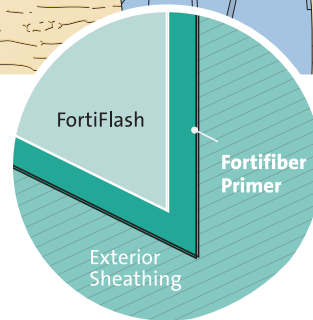
Once applied, Fortifiber Primer quickly sets to a highly tacky film that provides increased adhesion for self-adhesive flashing membranes. It's water-based, so there are no harsh solvents, and it's non-flammable while wet. It also has low VOC content, at less than 50 grams per liter.

Fortifiber Primer integrates with Fortifiber's complete system of flashing products and accessories, Moistop Sealant® and our entire line of weather-resistive barriers to form a comprehensive weatherization system that protects homes and buildings from moisture intrusion problems. Designed through the use of building science and perfected in the field, this is the only complete moisture control system available in the industry 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

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



*Fortifiber Primer is designed to provide a high level of tack.*

- QUICK DRYING
- EASILY APPLIED BY SPRAY, BRUSH OR ROLLER
- LOW VOC CONTENT
- NON-FLAMMABLE
- WATER-BASED, NO HARSH SOLVENTS



# FORTIFIBER PRIMER

**Product Description:** Fortifiber Primer is a polymer emulsion based primer for self-adhered membranes.

**Packaging:** Fortifiber Primer is packaged in .9 gallon (3.78 liter) and 4.75 gallon (18 liter) pails.

**Uses:** Used as a primer for self-adhered membranes such as FortiFlash when applied to masonry, concrete, non-treated wood, drywall and metal.

**Preparation:** Surfaces must be dry and free from dust, dirt, grease, oil or other foreign matter.

**Application:** Apply by roller at a rate up to 500 sq. ft. per gallon depending on the porosity and texture of the surface and allow to dry. Airless, air assist, or air spray equipment may also be used. Not suitable for use with a garden type sprayer. Pour primer from container into sprayer and spray fine mist over entire substrate. Allow primer to dry thoroughly before applying membrane. Primed surfaces not covered by membrane during the same working day must be reprimed. Fortifiber Primer is intended to be used as supplied and should not be diluted.

**Shelf Life:** Fortifiber Primer has a limited shelf life of 12 months. Check expiration date printed on pail.

**Precautions:** Apply under dry conditions above 25°F. Protect from freezing. If frozen, allow to thaw at room temperature and mix prior to use. Do not heat container or store at temperatures greater than 120°F (49°C). Close container after each use. Dispose of container and unused contents in accordance with Local, State and Federal regulations.

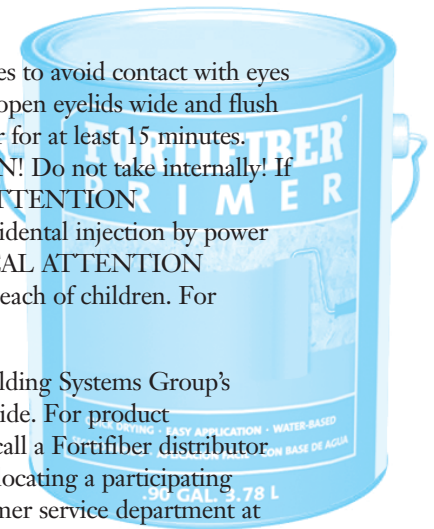
**Clean Up:** For uncured film use water. For cured films use mineral spirits.

**Caution:** Use protective measures to avoid contact with eyes and skin. In case of eye contact, open eyelids wide and flush immediately with plenty of water for at least 15 minutes. GET MEDICAL ATTENTION! Do not take internally! If swallowed, GET MEDICAL ATTENTION IMMEDIATELY! In case of accidental injection by power spray equipment, GET MEDICAL ATTENTION IMMEDIATELY! Keep out of reach of children. For exterior use only.

**Availability:** The Fortifiber Building Systems Group's 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 call our customer service department at 1-800-773-4777.

**Warranty:** 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.

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**SPECIFICATION SUMMARY:** Provides high tack adhesion on treated substrates to improve adhesion of self-adhesive flashing membranes.

**PRIMER:** Fortifiber Primer is a polymer emulsion based primer for self-adhered flashing membranes.

*Table 1- Physical Properties*

CHARACTERISTIC	RESULTS
Color	Aquamarine
Solids by Volume	53%
Weight	8.3 lbs./gal
Application Temperature	25°F to 104°F
Coverage	Up to 500 ft <sup>2</sup> /gal. depending on porosity and texture of surface
Maximum VOC	50 g/l
Drying Time @50% R.H. 68°F Dry Substrate	2 hours
Service Temperature	-40°F to 150°F
Flammability	Wet: Non-Flammable Dry: Combustible



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



MEMBER  
AMERICAN  
ARCHITECTURAL  
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ASSOCIATION

Call 1-800-773-4777 or 1-775-333-6400 for sales and technical assistance. On the Internet visit [www.fortifiber.com](http://www.fortifiber.com).

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# New Moisture Management Solutions from the Fortifiber Building Systems Group®

Fortifiber announces the availability of L7 Flashing®, our high-performance solution to flashing electrical boxes, vents, and other through-wall penetrations. Pre-sized in convenient “L” shaped pieces, and fabricated from advanced butyl adhesive and coated woven facer, L7 Flashing provides a simple, cost-effective way to flash critical intersections.

## L7 Flashing

This revolutionary product simplifies the flashing of electrical outlets in a cost-effective manner. Pre-cut in a standardized “L” shape, the flashing easily accommodates utility boxes of a variety of sizes.

Installation is straightforward and is easily integrated with the water-resistant barrier and other flashing products. First, Moistop neXT® or Moistop PF® flashing is applied as a bib beneath the utility box. Then a bead of Moistop® Sealant is applied around the base of the utility box, filling the gap between it and the sheathing. The lower flashing is then installed, followed by the upper flashing. Finally, a second bead of sealant is applied to the perimeter of the box.

L7 Flashing’s butyl adhesive 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.



## Size & Packaging

L7 Flashing measures 9" x 9", with 3" wide legs. It is packaged in 10 count bags and 50 count cartons.

## Applicable Standards

- ASTM E-2112  
“Standard Practice for Installation of Exterior Windows, Doors and Skylights”

This product is manufactured by the Fortifiber Building Systems Group. With more than a seventy-five year history of proven performance, technical expertise and practical know-how, the company has established itself in the building industry as a trusted partner.



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# New Moisture Management Solutions from the Fortifiber Building Systems Group®

Fortifiber announces the availability of FortiSeal® through-wall flashing boot, a pre-sized superior polyolefin membrane for flashing multiple size pipe penetrations. FortiSeal provides a quick, clean and economical way to prevent leaks at through-wall penetrations.

## FortiSeal

Building on more than a decade of success with The Boot® for concrete applications, Fortifiber introduces FortiSeal through-wall flashing boot.

Manufactured from a high-strength, high-stretch polyolefin, FortiSeal is an abuse-resistant solution for the ultimate in moisture protection. With a vapor permeance of .02 perms and a tensile strength and puncture resistance that outperforms even thicker membranes, the flashing is extremely durable and puncture resistant. It is also more cost-effective than bitumen or butyl products, and helps save time on the job.

FortiSeal is offered in ½", ⅝", ¾", 1 ½" and 2" sizes, which can accommodate a wide range of pipe sizes. Installation requires just a utility knife and Fortifiber Sheathing Tape.

## Size

FortiSeal is sized 6" x 6", with one fitting per sheet. Thickness is 10 mils.

## Product Packaging

The product is available in 25 count bags and 100 count cartons.



FortiSeal is a product manufactured by the Fortifiber Building Systems Group. With more than a seventy-five year history of proven performance, technical expertise and practical know-how, the company has established itself in the building industry as a trusted partner.



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