FortiFlash waterproof flashing membrane is part of a complete Moisture Control System for walls engineered by the Fortifiber Building Systems Group®. When integrated into the building envelope, Fortifiber solutions help manage and eliminate moisture-related problems including water-related structural failures, mold and mildew. Proper flashing is an integral component and can help avert costly call-backs and potential litigation. The design of FortiFlash reflects our commitment to building a product that meets all ASTM, AAMA and field standards.

**Premium Self-Adhesive Flashing Membrane**
FortiFlash 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. Yet, its price makes FortiFlash the price/performance solution for the most challenging construction requirements.

Reinforced by an incredibly strong cross-laminated high-density polyethylene film, FortiFlash can be installed around protrusions and into the tightest corners without delaminating or tearing. Its rubberized asphalt adhesive stays in place in even the most punishing weather conditions, and self-seals around fasteners.

FortiFlash is available in 4, 6, 9, 12, 18 and 36 inch widths, in both 25 and 40 mil thicknesses – so you can protect both vertical and non-roof horizontal conditions. FortiFlash 25 is ideal for working in tight corners, while FortiFlash 40 is suited for those situations where a thicker product is required.

**Part of a Complete Moisture Control Solution**
FortiFlash integrates with Fortifiber's complete system of flashing products and accessories, Moistop® Sealant and Liquid Flashing and our entire line of weather-resistant 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-resistant barriers that work together and deliver performance you can count on.

**Decades of Proven Performance**
FortiFlash 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 is a premium 25 mil and 40 mil self-adhesive waterproof membrane designed for use as a concealed flashing in frame construction where a waterproof membrane is required.

**Composition:** FortiFlash is composed of an asphalt adhesive that self-seals around fasteners. It is laminated to a cross-laminated, high-density polyethylene film reinforcement with a siliconized paper release sheet.

**Size & Weight:** FortiFlash is supplied in convenient 4", 6", 9", 12", 18" and 36" widths by 75' long rolls. 25 mil weight is approximately 3.8 (4"), 5.7 (6"), 8.5 (9"), 11.4 (12"), 15 (18") and 30 (36") lbs. per roll; 40 mil weight is approximately 5.7 (4"), 8.6 (6"), 13 (9"), 17 (12"), 26 (18") and 52 (36") 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 2001 International Building Code,® Section R703.8 of the International Residential Code® and Section 1402.2 of the 1997 Uniform Building Code™.

American Society for Testing & Materials (ASTM):
- 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 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 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 siding. FortiFlash 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-resistant 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 FortiFlash’s installation guide. Please follow installation guide recommendations regarding location and amount of sealant to be used. FortiFlash 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 FortiFlash 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.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 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 is a self-adhesive SBS modified asphalt waterproof membrane that self-seals around fasteners. It is laminated to high density, cross-laminated polyethylene film reinforcement.

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

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### Table 1 - Physical Properties

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>Test Method</th>
<th>25 mil</th>
<th>40 mil</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Application Temperature</strong></td>
<td>–</td>
<td>40°F to 120°F (4.4°C to 48.9°C)</td>
<td>40°F to 120°F (4.4°C to 48.9°C)</td>
</tr>
<tr>
<td><strong>Service Temperature</strong></td>
<td>–</td>
<td>-40°F to 158°F (-40°C to 70°C)</td>
<td>-40°F to 158°F (-40°C to 70°C)</td>
</tr>
<tr>
<td><strong>Lap Adhesion</strong></td>
<td>ASTM D903</td>
<td>9.3 lb./inch</td>
<td>10 lb./inch</td>
</tr>
<tr>
<td><strong>Puncture Resistance</strong></td>
<td>ASTM E154</td>
<td>40 lbf.</td>
<td>40 lbf.</td>
</tr>
<tr>
<td><strong>Water Vapor Permeance</strong></td>
<td>ASTM E96</td>
<td>&lt;0.08 perms</td>
<td>&lt;0.05 perms</td>
</tr>
<tr>
<td><strong>Water Resistance</strong></td>
<td>ASTM D779</td>
<td>&gt;200 hours</td>
<td>&gt;200 hours</td>
</tr>
</tbody>
</table>