The key to protecting both building integrity and builder reputation is to utilize effective moisture control solutions. Toward that end, Fortifiber Building Systems Group® offers WeatherSmart Drainable, a scientifically-designed weather-resistant barrier that provides the optimum combination of water resistance, breathability and high-performance drainage.

WeatherSmart Drainable represents the next generation in housewrap technology, offering architects, specifiers and builders a smart housewrap solution – one that delivers the ideal balance between breathability and water protection, so it can be used in any climate and behind most exterior claddings. WeatherSmart Drainable takes the protection of your structure to the next level, with patented technology that actually channels liquid away from the wall assembly and to the ground.

With a perm rating of 15, the WeatherSmart Drainable design provides architects and builders with the ideal level of vapor permeability – so it’s the smart choice behind fiber cement siding, brick, vinyl and wood siding. Manufactured from spunbond polypropylene fabric with a non-perforated breathable barrier layer, the product is embossed for drainage efficiency. Its design provides a highly reliable air infiltration barrier that is incredibly durable and UV stable. It resists tears, abrasions and punctures.

WeatherSmart Drainable’s patented technology channels liquid away from the wall assembly...”

Part of a Complete Moisture Control System
The product is part of a complete Moisture Control System for walls engineered by the Fortifiber Building Systems Group, which has been chosen by builders and architects to protect over eight million homes and commercial buildings from the problems caused by water intrusion. When integrated into the building envelope, our products help manage and eliminate moisture-related problems – including water-related structural failures, mold and mildew.

Decades of Proven Performance
WeatherSmart Drainable 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.
Product Description: WeatherSmart Drainable is a scientifically advanced housewrap designed for use within a variety of exterior wall assemblies. It provides excellent protection from wall damage due to water intrusion and condensation.

Composition: WeatherSmart Drainable is a spunbond polypropylene fabric with a non-perforated breathable barrier layer. The product is embossed for drainage efficiency.

Size & Weight: WeatherSmart Drainable is available in 5’x125’, 9’x125’, and 10’x125’ rolls. Product weight is approximately 2.25 lbs/100 sq. ft.


Complies as an alternative to the water-resistive barrier specified in Section 1404.2 of the International Building Code®.

Complies as an alternative to the weather-resistant sheathing papers specified in Section R703.2 of the International Residential Building Code®.


American Society for Testing & Materials (ASTM):
- ASTM D 5034 - Standard Test Method for Breaking Strength and Elongation of Textile Fabrics (Grab Test)

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

Table 1 - Physical Properties

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>Test Method</th>
<th>Results</th>
<th>Industry Standard</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drainage Efficiency</td>
<td>ASTM E 2273</td>
<td>&gt;95% Pass</td>
<td>&gt;90%</td>
</tr>
<tr>
<td>Moisture Vapor Transmission</td>
<td>ASTM E 96 Procedure A (Desiccant Method)</td>
<td>105 g/sm/day (15 perms)</td>
<td>35 g/sm/day (minimum)</td>
</tr>
<tr>
<td>Air Permeance at 75 Pascals</td>
<td>ASTM E 2178</td>
<td>&lt;0.02 L/s/sqM</td>
<td>&lt;0.02 L/s/sqM</td>
</tr>
<tr>
<td>Dry Breaking Force</td>
<td>ASTM D 5034 (Grab Test)</td>
<td>MD - 51 lb, CD - 40 lb</td>
<td>MD - 40 lb, CD - 35 lb</td>
</tr>
<tr>
<td>Water Resistance</td>
<td>ASTM D 779</td>
<td>&gt;60 min</td>
<td>10 min (minimum)</td>
</tr>
<tr>
<td>Flame Spread Smoke Developed</td>
<td>ASTM E 84</td>
<td>Class A</td>
<td>Class A</td>
</tr>
<tr>
<td></td>
<td>ASTM E -84</td>
<td>0 - Pass</td>
<td>0-25</td>
</tr>
<tr>
<td></td>
<td></td>
<td>20 - Pass</td>
<td>0-450</td>
</tr>
</tbody>
</table>

Limitations: Product should be covered within six months. To ensure maximum exposure time, store unused product in an area not exposed to sunlight. Inspect product to insure it is free of any protrusions or damage which may detract from the water-resistant barrier integrity. Holes, tears or punctures should be sealed with Moistop® Sealant and Liquid Flashing or Fortifiber Sheathing Tape. This product is not recommended for horizontal, roofing or below grade applications. Ensure that a layer of Super Jumbo Tex® 60 minute is used to separate WeatherSmart Drainable and Portland cement stucco or mortar used in masonry veneer walls.

Installation: WeatherSmart Drainable should be installed in accordance with the local applicable building code. Weather-resistive barriers should be applied horizontally, with the upper layers overlapping the lower layer by a minimum of 6", and all vertical joints should be lapped a minimum of 12”. Consult your design professional where necessary.

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 secondary weather protection behind exterior cladding to prevent moisture penetration and condensation in exterior wall assemblies.

WEATHER-RESISTIVE BARRIER: WeatherSmart Drainable is a spunbond polypropylene fabric with a non-perforated breathable barrier layer. The product is embossed for drainage efficiency.