**Henry® Blueskin® VP100**

Self-Adhered Water-Resistive Barrier

**Picks up where traditional house wraps leave off**

Blueskin® VP100 delivers next-generation air and water barrier protection for wood-framed residential and multi-family construction. Engineered to eliminate water and moisture intrusion while allowing walls to breathe, Blueskin VP100 is a self-adhered, vapor permeable, water-resistant air barrier membrane. Combining an engineered film and a patented, permeable adhesive technology with split-back poly-release film, Blueskin VP100 protects buildings, budgets and peace of mind.

Part of the Fortifiber® 1-2-3 moisture control system, Blueskin VP100 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**

- Self-seals around nails and fasteners for lasting watertightness
- Can contribute up to 50% energy savings*
- Self-adheres directly to your structure’s exterior, eliminating air gaps that can lead to increased heating and cooling costs
- Exceeds even the strictest building codes, providing long-lasting performance

* Based on Hot2000 Simulation, Denver, CO; for a two-story, 2,000 sq. ft. home. Based on energy modeling.
Performance standards you can trust

**Henry Blueskin VP100** is a residential and multi-family self-adhered vapor permeable, water-resistive air barrier membrane consisting of an engineered film and a patented, permeable adhesive technology with split-back poly-release film. **Blueskin VP100** is fully adhered to the wall substrate in a ‘weatherboard’ method without mechanical attachment.

<table>
<thead>
<tr>
<th>Physical/performance property</th>
<th>Typical value</th>
<th>Test method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Moisture vapor permeance</td>
<td>33 perms (WVT)</td>
<td>ASTM E96 Procedure A</td>
</tr>
<tr>
<td>Air permeance</td>
<td>&lt; 0.02 l/m² @ 75Pa</td>
<td>ASTM E2178</td>
</tr>
<tr>
<td>Average dry breaking force</td>
<td>MD - 55 lb/245N CD - 48 lb/214N</td>
<td>ASTM D5034</td>
</tr>
<tr>
<td>Accelerated aging</td>
<td>Pass 25 cycles</td>
<td>ICC-ES AC48</td>
</tr>
<tr>
<td>Cycling and elongation</td>
<td>Pass 100 cycles at -20 °F (-29 °C)</td>
<td>ICC-ES AC48</td>
</tr>
<tr>
<td>Application temperature, min</td>
<td>20 °F (-7 °C)</td>
<td>-</td>
</tr>
<tr>
<td>Service temperature range</td>
<td>-40 °F to 180 °F (-40 °C to 82 °C)</td>
<td>-</td>
</tr>
<tr>
<td>Flame spread index</td>
<td>5, Class A</td>
<td>ASTM E84</td>
</tr>
<tr>
<td>Water penetration resistance around nails</td>
<td>Pass</td>
<td>AAMA 711 ASTM D1970 mod</td>
</tr>
</tbody>
</table>

*Blueskin VP100 is continually tested in accordance with ASTM procedures. The values shown are typical values obtained in these tests.*

**Product characteristics**

- **Composition**: An engineered film and a patented, permeable adhesive technology with split-back poly-release film
- **Roll size**: 4", 6", 9", 12", and 48" x 100'

**Product approvals and certifications**

- Complies with the International Code Council Evaluation Services Acceptance Criteria for Water Resistive Barriers (AC 38)
- Complies as an alternative to the water-resistive barrier specified in Section 1404.2 of the 2012 and 2015 International Building Code® and Section 1403.2 of the 2018 International Building Code®
- Complies as a water-resistive barrier specified in Section 2510.6 of the International Building Code®
- Complies as an alternative to the water-resistive barrier specified in Section R703.2 of the International Residential Code®
- Complies as water-resistive barrier specified in Section R703.6.3 of the 2012 International Residential Code® and Section R703.7.3 of the 2015 and 2018 International Residential Code®
- ICC Evaluation Service Report 2975
- ASTM E96 – Water Vapor Transmission of Materials
- ASTM D5034 – Standard Test Method for Breaking Strength and Elongation of Textile Fabrics (Grab Test)

**Limitations**: Membrane must be rolled after application to ensure adhesion to substrate and laps. Not designed for permanent exposure, protect installed membrane as soon as possible. Maximum exposure not to exceed 150 days. Excessive moisture in substrate or laps can inhibit adhesion or result in loss of adhesion prior to installation of cladding. Do not expose the backside of the substrate to moisture or rain. Protect exposed back-up walls against wet weather conditions during and after application of membrane, including wall openings and construction activity above completed air barrier installation.

Where adhesion of Blueskin VP100 is not adequate, use Henry Aquatac Primer to provide additional adhesion. For installations between 20 °F (-4 °C) and 40 °F (5 °C), Henry Aquatac Primer is always required for all substrates. For more information, please review the Henry Blueskin VP Cold Weather Application Tech-Talk which is available on the Henry website or contact your local Henry representative.

**Installation**: Refer to Blueskin VP100 Installation Guidelines for detailed application information available at www.henry.com. Blueskin VP100 must be installed in a consecutive weatherboard method starting at bottom or base of wall and working up; providing minimum of 2-in (5cm) side laps and 3-in (7.6cm) end laps. Cut to manageable lengths, position membrane for alignment, remove protective poly-film using split release and firmly apply pressure to ensure adhesion. Eliminate all fishmouths, wrinkles or gaps, roll entire membrane surface (including seams) with a counter top or “J-roller” with adequate pressure to ensure full contact and adhesion. Seal membrane terminations, heads of mechanical fasteners, masonry tie fasteners, around penetrations.

**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.

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