



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



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-resistive 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.

Physical/performance property	Typical value	Test method
Moisture vapor permeance	33 perms (WVT)	ASTM E96 Procedure A
Air permeance	< 0.02 l/m ² @ 75Pa	ASTM E2178
Average dry breaking force	MD - 55 lb/245N CD - 48 lb/214N	ASTM D5034
Accelerated aging	Pass 25 cycles	ICC-ES AC48
Cycling and elongation	Pass 100 cycles at -20 °F (-29 °C)	ICC-ES AC48
Application temperature, min	20 °F (-7 °C)	-
Service temperature range	-40 °F to 180 °F (-40 °C to 82 °C)	-
Flame spread index	5, Class A	ASTM E84
Water penetration resistance around nails	Pass	AAMA 711 ASTM D1970 mod

**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 E 84 – Standard Test Method for Surface Burning Characteristics of Building Materials
ASTM E96 – Water Vapor Transmission of Materials
ASTM D5034 – Standard Test Method for Breaking Strength and Elongation of Textile Fabrics (Grab Test)
ASTM E 2178 – Standard Test Method for Air Permeance of Building Materials



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.

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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 website. 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.

Varied installation methods such as vertical application of **Blueskin VP100** and "Method B" flashing installation for integral flanged windows are acceptable as long as the appropriate lap dimensions are maintained and the laps are installed in a sequential overlapping weatherboard method where applicable. Refer to **Blueskin VP100** Installation Guidelines for detailed instructions.

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.

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.