Physical property | Typical value | Test method |
--- | --- | --- |
Color | Yellow | - |
Thickness, nominal | 40 mils (1.0 mm) | - |
Application temperature, min | Min. 20 °F (-7 °C) | - |
Service temperature | -40 °F to +212 °F (-40 °C to +82 °C) | - |
Elongation | 200% Minimum | ASTM D412 Die C |
Tensile strength (membrane) | 800psi (55 bar) Minimum | ASTM D412 Die C |
Tensile strength (film) | 5000psi (344.7 bar) Minimum | ASTM D882 |
Puncture resistance (membrane) | 134lbf (61 kgf) | ASTM E154 |
Waterlightness | Pass | CAN/CGSB-37.58-M86 |
Low temperature flex at -22°F | Pass | CGSB37-GP-56M |
Water vapor permeance | 0.03 perms (1.6 ng/Pa.s.m⁻²) | ASTM E96 Method B |
Tear resistance initiation | 45 lbf (20 kgf) MD | ASTM D1004 |
Propagation | 17 lbf (7.7 kgf) MD | ASTM D1938 |
Lap peel strength at 25°F | 5.0 lbf/in. (0.56 Nm) width | ASTM D1876 |
Adhesion to concrete | 5.0 lbf/in (8.75N/cm) width | ASTM D903 |
Moisture absorption | 0.1% max | ASTM D570-81 |

Description

Blueskin® TWF is a self-adhered membrane consisting of an SBS rubberized asphalt compound which is integrally laminated to a tough, yellow cross-laminated polyethylene film. The membrane is specifically designed for use as a thru-wall flashing. Available in standard: 12", 18", 24" and 36" widths. Custom widths also available.

Features and benefits

- Impermeable to air, moisture, vapor, and water
- Flexible at low temperatures
- Excellent adhesion to prepared substrates
- Excellent compatibility with Henry adhesives, waterproofing, and liquid air barrier membranes
- Exceptional puncture and abrasion resistance
- Membrane is self-gasketing when penetrated with self-tapping screw

Usage

Used as a thru-wall flashing membrane in conjunction with Henry Air Barrier and Waterproofing Systems.

Application

Surface Prep: Acceptable substrates are precast concrete, cast-in place concrete, concrete block, primed steel, aluminum mill finish, anodized aluminum, galvanized metal, gypsum board and wood. All surfaces to receive Blueskin® TWF must be clean of oil, dust and excess mortar. Strike masonry joints flush. Concrete surfaces must be smooth and without large voids, spalled areas or sharp protrusions. Concrete must be cured a minimum of 14 days and must be dry before Blueskin® TWF is applied.

Apply Blueskin® Primer, Spray Prep or Aquatac™ Primer by brush or roller at the rate of approximately 300 ft²/gal, depending on porosity and texture of surface and allow to dry for a minimum of 30 minutes before Blueskin® TWF is applied. Allow additional time for primer to set if wet to the touch or can be easily rubbed off. Ensure that all primed surfaces receive Blueskin® TWF in the same day or re-priming may be required.

Apply: Material should be conditioned at room temperature for ease of application.
Cut the desired length of **Blueskin® TWF** and remove siliconized release paper. Position into place and apply positive pressure using a roller. Use care to avoid blisters or wrinkles. Overlap all joints by 2”. Keep **Blueskin® TWF** back ½” to 1” from outside face of wall or veneer. At all laps, seams, penetrations, and along top edges of membrane apply a continuous bead of **HE925 BES Sealant** or **Polybitume** as termination seal. Form end dams as required with same sealant.

**Limitations:** Non-resistant to oils and solvents not designed for permanent exposure. Yellow surface film may release on extended exposure to U.V. Good practice calls for covering as soon as possible. Do not extend **Blueskin® TWF** beyond face of exterior wall or veneer. With exception of Henry HE925 BES Sealant: avoid sealant contact with the underside (compound side) of Blueskin TWF. Some sealants other than HE925 BES Sealant may discolor if in contact with asphalt compound or may soften the asphalt compound. Contact sealant manufacturer other than Henry for more information on compatibility with TWF.

Top or leading edge of **Blueskin® TWF** should be sealed with a **HE925 BES Sealant** or **Polybitume® 570-05** to help avoid rainwater from migrating behind the membrane.

Not to be used in direct contact with flexible PVC/vinyl membranes or gaskets.

Some sealants other than **HE925 BES Sealant** may discolor if in contact with the asphalt compound or may soften the asphalt compound. Contact sealant manufacturer other than Henry for more information on compatibility with TWF.

**Product size/packaging**

<table>
<thead>
<tr>
<th>Size</th>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>12' x 75'</td>
<td>(30.5 cm x 22.9 m)</td>
</tr>
<tr>
<td>18' x 75'</td>
<td>(45.7 cm x 22.9 m)</td>
</tr>
<tr>
<td>24' x 75'</td>
<td>(61.0 cm x 22.9 m)</td>
</tr>
<tr>
<td>36' x 75'</td>
<td>(91.4 cm x 22.9 m)</td>
</tr>
</tbody>
</table>

**Storage**

Store rolls on end, in original cartons on pallets or elevated platform. Protect from weather or store in an enclosed area not subject to heat over 120°F.

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For more information, visit www.henry.com or for technical assistance call us at 800-486-1278. For more information on the **Henry®** product warranty and liability disclaimer please visit www.henry.com/warranty. Refer to the Safety Data Sheet prior to using this product. The Safety Data Sheet is available at www.henry.com or by emailing **Henry® Product Support** at productsupport@henry.com or by calling 800-486-1278.

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Covered by US patent 6,901,712; Canadian patent 2,413,550.

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