



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
Watertightness	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 <sup>2</sup> )	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 lb/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 ft<sup>2</sup>/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.

## Blueskin® TWF Self-Adhered Thru-Wall Flashing Membrane

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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.

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### Product size/packaging

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12" x 75' (30.5 cm x 22.9 m)  
18" x 75' (45.7 cm x 22.9 m)  
24" x 75' (61.0 cm x 22.9 m)  
36" x 75' (91.4 cm x 22.9 m)

### Storage

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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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