



#1 CHOICE OF PROFESSIONALS®

Blueskin® SA LT

Low Temp Self-Adhesive Air/Vapor Barrier Membrane

Physical Properties

-Color	Blue	-Low Temperature Flexibility @ -22°F (CGSB 37-GP-56M)	Pass
-Thickness	1.0 mm (40 mils)	-Water Vapor Transmission (ASTM E96)	1.6 ng/Pa.s.m ² (0.03 perms)
-Application Temp	Minimum 10°F	-Lap Peel Strength @ 39°F (ASTM D903 180° bend)	1225 N/m width
-Service Temp	Minus 104°F to 158°F	-Moisture absorption (ASTM D570-81)	0.18%
-Elongation (ASTM D412-modified)	200% minimum	-Air Leakage @ 75 Pa (ASTM E283-91)	0.0001 CFM/ft ²
-Tensile Strength (Membrane) (ASTM D412- modified)	3.4 MPa minimum	-Air Leakage After 3000 Pa Test (ASTM E330-90)	No change
-Tensile Strength (Film) (ASTM D882)	40 MPa minimum		
-Minimum Puncture Resistance – Membrane (ASTM E154)	178 N		
-Watertightness (CAN/CGSB-37.58-M86)	Pass		

Packaging

-Thickness	1.0 mm (40 mils)	-Gross Coverages	
-Roll length	75 ft.	36"	225 ft ²
-Roll width	36", 18", 12", 9", 6", 4"	18"	112.5 ft ²
-Top Surface	Blue Cross-Laminated Polyethylene	-Net Coverages*	
-Bottom Surface	Siliconized Release Film	36"	212 ft ²
		18"	100 ft ²

Description

Blueskin® SA LT is a self-adhered membrane consisting of an SBS rubberized asphalt compound, integrally laminated to a blue polyethylene film.

Features

- SBS modified membrane, flexible at low temperatures.
- Impermeable to air, moisture vapor and water.
- No flame required. Thickness controlled at point of manufacture.
- Excellent adhesion to prepared substrates of concrete, concrete block, primed steel, aluminum mill finish, anodized aluminum, galvanized metal, gypsum board and plywood.
- Excellent compatibility with most Henry adhesives and liquid air barrier membranes.
- Membrane is self-sealing when penetrated with self-tapping screws.

Uses

Blueskin® SA LT is designed for use as a self-adhered sheet air and vapor barrier. Its principal application is on walls of either masonry, concrete or gypsum board. It can also be used as a transition sheet in conjunction with **Henry Liquid Membranes** where greater movement is anticipated, due to its high strength. **Blueskin® SA LT** is also used for tying into metal on curtain walls, windows and doorframes.

Storage

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

REVISION: 01/01/05

Limitations

Not designed for permanent exposure. Good practice calls for covering as soon as practical. Not to be used in direct contact with flexible PVC/vinyl membranes or gaskets. Some sealants may discolor if in contact with the asphalt compound or may soften the asphalt compound. Contact sealant manufacturer for more information.

Surface Preparation

Acceptable substrates are precast concrete, cast-in place concrete, concrete block, primed steel, aluminum mill finish, anodized aluminum, galvanized metal, gypsum board including Dens Glass Gold.

All surfaces to receive **Blueskin® SA LT** 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® SA LT** is applied. Where curing compounds are used, they must be clear resin based, without oil, wax or pigments.

All surfaces to receive **Blueskin® SA** must be primed with **Blueskin® Primer**, applied by lambs wool roller, brush or spray equipment at the rate of 1 liter per 2-6 m² depending on porosity and texture of surface and allowed to dry for 30 minutes before **Blueskin® SA** is applied. Ensure that all primed surfaces receive **Blueskin® SA** in the same day. Alternatively, prime with **Aquatac™**. Allow to dry to a tacky film.

Application

Refer to **Blueskin® SA LT** Guide Specification for detailed application information.

Material should be conditioned at room temperature for ease of application. **Blueskin® SA LT** must be lapped a minimum of 2" on both sides and end laps. Position membrane for alignment with protective film in place. Roll back; remove protective film and press firmly in place. When membrane is entirely in place, roll membrane including seams with a counter top roller to ensure full contact. When using membrane with brick ties, position membrane, press in place and cut for ties or projections. Seal around any openings and at leading edge at the end of the days work with **Henry 570-05 Polybitume, Air-Bloc 21, or Air-Bloc 21 FR**. Seal end of membrane where it meets the substrate, at the end of the days work. Use application of **Henry 570-05 Polybitume or Air-Bloc 21** to affect seal. Membrane applied to the underside of the substrate (i.e. ceilings) requires mechanical fastening through treated wood or galvanized metal strapping, or have insulation mechanically fastened. Fastening must take place immediately after installation of membrane. Space strapping on 9" centers, running perpendicular to the side laps.

Detail work must be carefully carried out to ensure continuous air tightness of the membrane. It is recommended that mechanical attachment be made to all window and doorframes, or a properly designed sealant joint be provided.

Insulation Application of Membrane

The use of mechanical fasteners along interior corners may be required by some insulation manufacturers. Consult insulation manufacturer prior to the installation of the insulation.

Insulation Clips: Insulation clips should be mechanically fastened through the membrane into the substrate with a self-tapping screw. Apply number of insulation clips as recommended by the insulation manufacturer.

Insulation Adhesive: **Air-Bloc 21** should be applied to insulation boards in a serpentine pattern to restrict movement of air behind the insulation. Alternatively, a full coat notched trowel application of **Henry Air-Bloc 21** may be applied to the back of the board. Press insulation firmly in place.

Limited Warranty

We, the manufacturer, warranty 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 be defective within 12 months of purchase, provided it has been applied in accordance with our written directions for uses we recommended as suitable for this product. Proof of purchase must be provided. **DISCLAIMER OF WARRANTIES:** The Limited Warranty is IN LIEU OF any other warranties express or implied including but not limited to any implied warranty of MERCHANTABILITY or fitness for a particular purpose, and we, the manufacturer, shall have no further liability of any kind including liability for consequential or incidental damages resulting from any defects or any delays caused by replacement or otherwise. <>