

Blueskin[®] Weather Barrier

Self-Adhesive Membrane

Physical Properties

-Colour	Blue	-Low Temperature Flexibility @ -30°C	Pass
-Thickness	0.7 mm (25 mils)	CGSB 37-GP-56M)	
-Application Temperature	Minimum -12°C	-Water Vapour Transmission	2.8 ng/Pa.m ² .s
-Service Temperature	Minus 40°C to 70°C	ASTM E96	
-Elongation (ASTM D412 - modified)	180% Minimum	-Lap Peel Strength @ 4°C	1750 N/m width
-Tensile Strength (Membrane)	3.4 MPa minimum	ASTM D903 180° bend	
ASTM D412 - modified	40 MPa minimum	-Moisture Absorption	0.1%
-Tensile Strength (Film)		ASTM D570-81	
ASTM D882	178 N		
-Minimum Puncture Resistance (Membrane)			
ASTM E154			

Packaging

-Thickness	0.7 mm (25 mils)	-Top Surface	Blue Cross-Laminated Polyethylene
-Roll Length	15.1m (50ft)	-Bottom Surface	Siliconized Release Film
-Roll Width	225 mm (9")		
	150 mm (6")		
	100 mm (4")		

Description

Blueskin Weather Barrier is a self-adhered membrane consisting of an SBS rubberized asphalt compound which is integrally laminated to a blue cross-laminated polyethylene film. The membrane is specifically designed to be self-adhered to a prepared substrate.

Features

- SBS modified membrane can be applied in temperatures as low as -12°C.
- Excellent adhesion to prepared substrates of concrete, concrete block, primed steel, aluminum mill finish, anodized aluminum, galvanized metal, gypsum board and plywood.
- Impermeable to air, moisture vapour and water.
- Excellent compatibility with Bakor adhesives and liquid air barrier membranes.
- Self adhesive, no flame required.
- Factory controlled thickness.
- Membrane is self-sealing when penetrated with self tapping screws or nails.

Uses

Blueskin[®] Weather Barrier is designed for use as a concealed self-adhered barrier against moisture infiltration. Blueskin[®] Weather Barrier is commonly used to provide a weather tight seal around windows and doors, joints in sheathing, sealing around skylights and as a flashing in residential construction.

Storage

Store rolls on end, in original packaging. Protect from weather or store in an enclosed area not subject to heat over 49°C.

Surface Preparation

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[®] Weather Barrier** 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[®] Weather Barrier** is applied. Where curing compounds are used they must be clear resin based, without oil, wax or pigments.

For best adhesion on Oriented Strand Board (OSB), install the panel with the smooth side out.

For best possible adhesion results, (especially in cold weather), all surfaces to receive **Blueskin[®] Weather Barrier** must be primed with **Blueskin[®] Primer** (available in spray cans for ease of application), **Aquatac** or **Aquaprime**, applied by roller or brush at the rate of 1 litre per 2-6 m² depending on porosity and texture of surface and allowed to dry for 30 minutes before **Blueskin[®] Weather Barrier** is applied. Ensure that all primed surfaces receive **Blueskin[®] Weather Barrier** in the same day. **Aquaprime™** can be applied by garden sprayer. Allow to dry to a tacky film.

Tip: Dry Primer provides a firm bond to the substrate and cannot be easily rubbed off with your fingertip.

Application

Blueskin[®] Weather Barrier must be lapped a minimum of 50 mm on both side 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, apply firm pressure over entire surface to ensure full contact. When using membrane with brick ties, position membrane, press in place and cut for ties or projections. Orient laps shingle fashion to shed water. Membrane applied to the underside of the substrate (i.e. ceilings) require mechanical fastening through treated wood or galvanized metal strapping or have insulation mechanically fastened. Fastening must take place immediately after installation of membrane.

Limitations

Blueskin[®] Weather Barrier should not be used in direct contact with flexible PVC/vinyl membranes. **Blueskin[®] Weather Barrier** is for exposure of up to six weeks but is not designed for permanent exposure to ultra-violet light and should be covered as soon as practical after application. Some sealants may discolor if in contact with the asphalt compound or may soften the asphalt compound. Contact sealant manufacturer for more information. <>