

# Blueskin® WP200

## Self-Adhered Waterproofing Membrane

### Physical Properties

-Color	Blue	-Flexibility at -15°F (ASTM D1970)	Pass
-Thickness	60 mils (1.5 mm)	-Water Vapor Transmission (ASTM E96)	0.02 perms (1.14 ng/Pa.s.m <sup>2</sup> )
-Application Temp	23°F (-5°C) and above	-Lap Peel Strength @ 40°F (ASTM D1876)	3.3 lbf/in (580 N/m)
-Elongation (ASTM D412)	300% (To ultimate failure of rubberized asphalt)	-Hydrostatic Head (ASTM D5385)	231 feet (70 m of water)
-Tensile Strength (Membrane) ASTM D412 – modified	325 psi (2.24 Mpa)	-Moisture Absorption (ASTM D570-81)	0.1% maximum
-Peel Strength (ASTM D903)	9 lbs/in (1576 N/m)		
-Minimum Puncture Resistance – Membrane (ASTM E154)	50 lbs (222 N/m) minimum.		

### Packaging

-Thickness	60 mils (1.5 mm)	-Gross Coverage	36" 200 ft <sup>2</sup>
-Roll Length	66.7 ft.	-Net Coverage*	36" 186 ft <sup>2</sup>
-Roll Width	36"		
-Top Surface	Blue, cross-laminated polyethylene (HDPE)		
-Bottom Surface	Siliconized Release Film		

\*Based on 65 mm laps both sides and end laps.

### Description

**Blueskin® WP200** is a self-adhering waterproofing membrane consisting of SBS rubberized asphalt compound, which is integrally laminated to a blue, tough, high-density cross-laminated polyethylene film. The membrane is specifically designed to be self-adhered to a prepared substrate providing a high-performance waterproofing barrier even under hydrostatic head pressures to 231 feet.

### Features

- 60 mil thick, SBS modified membrane
- Excellent cold weather application properties
- No VOC's and low odor
- CCMC listed
- Unique side-lap feature offers superior water-tightness
- Factory controlled thickness
- Fully adhered systems prevents lateral water movement
- Resists up to 231 feet of positive-side head pressure

### Limitations

Non-resistant to oils and solvents. Not designed for use in direct contact with potable water or permanent exposure and must be covered to prevent damage from sunlight. Good practice calls for the membrane to be covered immediately following application. Refer to minimum cure time requirements of sealant and mastics prior to applying polystyrene insulation. Do not use in contact with flexible PVC/vinyl products. Use only **Henry 925 BES Sealant** for terminations and penetration sealant to assure sealant compatibility. Using solvent-based primers in below-grade applications is not recommended to avoid possible hazardous fume accumulations.

### Storage

Store in original cartons, on pallets or elevated platform. Protect from weather or store in an enclosed area below 120°F. Double stacked pallets are not recommended. If double stacking is necessary, use a plywood sheet to distribute the load.

### Uses

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**Blueskin® WP200** is designed for use as a self-adhered sheet waterproofing membrane in above or below grade applications. Principal application is on concrete foundation walls, plaza decks, tunnels, and parking decks in both vertical and horizontal orientations. **Blueskin® WP200** is an ideal membrane for use in interior applications such as mechanical rooms, laboratories and wet-rooms. Combined with **Aquatac** water based primer, offers excellent performance in ICF applications.

### Surface Preparation

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Acceptable substrates are cast-in-place concrete, precast concrete, wood, concrete block, and polystyrene insulation form foundations. Parging of concrete blocks is not required. All surfaces to receive **Blueskin® WP200** must be clean of oil, dust and excess mortar. Concrete surfaces must be smooth and without large voids, spalled areas or sharp protrusions. Concrete must be allowed to cure a minimum of 7 days and must be dry and free from frost before **Blueskin® WP200** is applied. Structural lightweight concrete must be cured 14 days. Where curing compounds are used, they must be clear resin based, without oil, wax or pigments. Prime substrate using **Aquatac™** applied by spray or roller at a rate of 300ft²/3.78L and allow to dry thoroughly before applying **Blueskin® WP200**. Primed surfaces not covered by membrane during the same working day must be reprimed.

### Application

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Refer to **Blueskin® WP200** Guide Specification for detailed application information.

Joint and Crack Treatment: All cracks in concrete 1/16" to 1/8" wide are to be pre-treated with a flush application of **Henry 925 BES Sealant** filling crack. Alternately, apply a 6" wide strip of **Blueskin® WP200** centered over crack. Provide 3" end laps. Horizontal to vertical inside corner transition areas are to be pre-treated with an **Henry 925 BES Sealant** fillet extending ¾" vertically and horizontally from the corner. Apply a minimum 9" strip of **Blueskin® WP200** membrane centered at the joint. All outside corners are to be pre-treated with a minimum of 9" strip of **Blueskin® WP200** membrane centered at the joint. Drains: At drains, apply waterproofing membrane collar centered on drain and extend 6" beyond flange onto deck. Apply field membrane in full width centered over drain. Apply clamping ring in a 60-mil bed of **925 BES Sealant**. Projections: Extend **Blueskin® WP200** membrane tight to projection and seal with **925 BES Sealant** extending 2" along projection and 2" onto **Blueskin® WP200** membrane.

Vertical Applications: Apply **Blueskin® WP200** waterproofing membrane to prepared substrate in lengths of 8' or less. Provide 2 ½" laps at both sides and ends. Position for alignment and remove protective film. Press firmly into place. Promptly roll all laps with a counter top roller to effect seal. If more than one length is required on a vertical surface, apply a shingle fashion. Terminate membrane using **925 BES Sealant**, termination bar, reglet or counter flashing as indicated. Refer to manufacturers standard details. All laps within 12" of 90° change in plane are to be sealed with **925 BES Sealant**.

Horizontal Applications: Apply **Blueskin® WP200** waterproofing membrane to prepared substrate beginning at the low point of the surface and working to the high point in a shingle fashion. Provide 2 ½" side and end laps. Roll membrane immediately over entire surface to ensure best seal. At all terminations and T-joints, seal laps using **925 BES Sealant**. All laps within 12" of a 90° change in plane are to be sealed with **925 BES Sealant**.

For optimal adhesion on applications below 40°F, **Blueskin® WP200** waterproofing membrane should be applied within one hour of the primer application.

### Protection of Membrane

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Protection board and/or **Henry DB Drain Boards** are recommended over all below-grade **Blueskin® WP200** applications.

## **Limited Warranty**

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