

# Blueskin<sup>®</sup> Roof Low Temp RF200LT

## Physical Properties

<ul style="list-style-type: none"> <li>- Colour.....Blue</li> <li>- Product Thickness.....1 mm (40 mils)</li> <li>- Application Temperature.....-10°C (14°F) and above</li> <li>- Elongation at Break (ASTM D 1970).....200% MD 55% XD</li> <li>- Maximum Load (ASTM D1970) kN/m (lbf/in)..... .6.1 (35) MD 7.7 (44) XD</li> <li>- Flow @ 70°C (158°F) (ASTM D 1970) max 3mm.....none</li> <li>- Low Temperature Flexibility @ -29°C (-20°F) (ASTM D 1970).....Pass</li> <li>- Water Vapour Transmission (ASTM E 96)..... 0.88 ng/m<sup>2</sup>.s (0.015 perms)</li> </ul>	<ul style="list-style-type: none"> <li>- Adhesion to Plywood (ASTM D 1970) lbf/in               <ul style="list-style-type: none"> <li>24°C (75°F).....1.6</li> <li>4.4°C (40°F).....2.5</li> <li>-10°C (14°F).....1.4</li> </ul> </li> <li>- Lap Peel Strength (ASTM D1876) lbf/in               <ul style="list-style-type: none"> <li>24°C (75°F).....4.8</li> <li>4.4°C (40°F).....9.9</li> <li>-10°C (14°F).....3.1</li> </ul> </li> <li>- Tear Resistance (ASTM D 1970) N (lbf).....222 (50) MD 205 (46) XD</li> <li>- Air Leakage @ 75 Pa.....&lt;0.004 cfm/ft<sup>2</sup> (ASTM E 2178)</li> <li>- Sealability around nail (ASTM D 1970).....Pass</li> </ul>
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## Description

**Blueskin<sup>®</sup> Roof Low Temp** is an SBS modified bitumen roofing membrane underlayment reinforced with a superior skid-resistant polyethylene surface film. The product uses a compound specially designed for better performance and handling in cold temperatures. It is intended for use as a secondary waterproofing layer in sloped roof applications.

### Features

- Meets ASTM D1970 standard
- Self-gasketing when penetrated by mechanical fasteners or roofing nails
- Fully adhered system prevents lateral moisture migration
- Cold temperature compound allows application in colder conditions (down to 14°F / -10°C)
- Premium skid-resistant textured blue film surface
- Split released backing for fast application

### Uses

**Blueskin<sup>®</sup> Roof Low Temp** is a self-adhered rubberized waterproof roofing membrane underlayment. It is used as a secondary waterproofing layer on slope roofs, in both residential and commercial buildings, protecting the building's interior from damage caused by water infiltration as a result of ice dams or wind-driven rain. It is designed to be adhered directly to wood, gypsum decks or certain insulation panels prior to the application of finished roof coverings including architectural metal, shingles, cedar shakes or tile.

### Limitations

Not resistant to oils and solvents. New dimensional lumber decks may contain knots with resin levels that can attack and severely soften the **Blueskin<sup>®</sup> Roof Low Temp** bitumen compound. Henry will not be responsible for these areas. Not designed for permanent exposure. In moderate temperatures (above 40°F / 4.4°C), good practice calls for the membrane to be covered within 90 days. In cold temperatures (below 40°F / 4.4°C) if final roof covering does not promptly follow membrane application, secure membrane in place with mechanical fasteners as a precaution against wind damage and uplift. Provide adequate insulation and ventilation in roofing systems or attic in cold climate areas.

Thin films of dust, water, frost, or ice will affect the skid resistance of this product. Do not use in contact with flexible PVC (Poly Vinyl Chloride) membranes.

## Packaging

**Plastic shrink-wrapped rolls:** 3 feet wide X 65 linear feet = 195 square feet per roll. 30 rolls per pallet

## Storage

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

## Surface Preparation

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**Blueskin® Roof Low Temp** is designed to be adhered directly to the structural deck or to certain insulation panels such as polyisocyanurate. Acceptable substrates include plywood, OSB, wood plank, wood composition, concrete, gypsum board sheathing, glass faced gypsum sheathing, metal, and masonry.

All substrates are to be free of dust, oil, dirt, debris, and moisture. Product should not be applied if frost is present on substrate. All protrusions must be removed to provide a smooth surface. On re-roofing applications, remove old shingles, nails, and other loose materials.

Priming is recommended over Dens Deck™ concrete or masonry substrates. On most other substrates, priming is not required at temperatures above 14°F / -10°C. Good building practice dictates a primer should be used if temperature is below 20°F / -6.7°C and falling, or on complex details or vertical applications. Consult with your Local Henry Representative for further details on proper priming recommendations and products.

**Blueskin® Roof Low Temp** should not be left exposed in extremely cold temperatures for prolonged periods of time. In cold conditions (below 40°F / 4.4°C) where the product may be left exposed for more than 24 hours, mechanical fastening such as furring strips, Z bars, or back-nailing should be installed immediately after installation of membrane.

## Application

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Apply membrane parallel or perpendicular to slope. When applied perpendicular to slope, apply membrane beginning at low point and proceed in shingle fashion. Position the sheet to achieve correct overlap and alignment. Release upper half of release film by peeling off at 90° angle, then peel back second half of lower release film. Overlap on to clear film on sides and at ends a minimum of 2.75" for all applications. Apply firm hand pressure, or pressure with feet to press the membrane onto the substrate.

**Roof Edge Applications:** When membrane is folded over the roof edge, it must be covered by flashing, gutter, or metal edge. Apply membrane far enough up the roof deck to meet local codes and to prevent leaks caused by ice dam formations.

**Ridge & Valley Applications:** Roll out and align manageable lengths of membrane. Slowly peel first half of release film. Press firmly in place beginning at center of ridge or valley. Repeat with second half of release film. Overlap at ends and sides a minimum of 3". Apply in shingle fashion on valleys.

**Vertical Termination Seals:** Seal the top edge of vertical installations with a termination bead of **POLYBITUME® 570-05 Polymer Modified Sealing Compound** or **HE925 BES Sealant®**.

## Protection of Membrane

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See limitations. Not designed for permanent exposure. Apply finish-covering materials as soon as practical following membrane application. If final roof covering does not promptly follow membrane application, secure membrane in place with mechanical fasteners as a precaution against wind damage and uplift. Protect membrane from excessive traffic during application and until final roof covering is in place.

## Caution

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**Blueskin Roof Low Temp** has a slip-resistant poly surface however there may be jobsite conditions of steep slope, excess water, debris or thin films of ice that will affect the slip-resistance of the product and must be avoided. [In all conditions follow OSHA safety requirements.](#)

### **Limited Warranty**

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We, the manufacturer, warrant 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 AND LIMITATION OF LIABILITY: THIS LIMITED WARRANTY IS IN LIEU OF ANY OTHER WARRANTIES EXPRESS OR IMPLIED INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FOR A PARTICULAR PURPOSE. MANUFACTURER SHALL HAVE NO LIABILITY OF ANY KIND BEYOND PRODUCT REPLACEMENT, INCLUDING FOR CONSEQUENTIAL OR INCIDENTAL DAMAGES RESULTING FROM ANY DEFECTS OR ANY DELAYS CAUSED BY REPLACEMENT OR OTHERWISE. THIS LIMITED WARRANTY PROVIDES THE PURCHASER'S EXCLUSIVE REMEDY FOR ANY DEFECT IN THE PRODUCT.**

### **Statement of Responsibility**

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