TECHNICAL DATA SHEET

Blueskin® RF200

Ice & Water Barrier

Physical Properties

– Color	Blue
– Thickness	40 mils
– Elongation at break	100% (ASTM D1970)
– Tensile Strength	600 psi min. Membrane (ASTM D41 2)
– Maximum V.O.C	0 grams/liter
– Flow @ 200°F (ASTM D5147)	None
– Softening Point-compound	212 - 230°F

-Adhesion to Plywood (ASTM D903)	5.0 lb/inch
-Flexibility at –29°C (ASTM D1970)	pass
-Water Vapor Transmission (ASTM E96)	0.015 perms
-Air Leakage @ 75 Pa (ASTM E2178)	<0.004 cfm/ft²

Underwriters Laboratories LLC verified to ICC – ES: ESR-1930

Description

Blueskin® RF 200 is an SBS modified bitumen roofing membrane underlayment reinforced with a superior skid-resistant polyethylene surface film. The membrane is specifically designed to be self-adhered on sloped roof surfaces.

Features

- Meets ASTM D1970 standard and is ICC listed
- Self-gasketing when penetrated by mechanical fasteners or roofing nails
- Fully adhered system prevents lateral moisture migration
- Premium skid-resistant textured blue film surface
- Split released backing for fast application
- High temperature (230°F) compound

Uses

Blueskin® RF 200 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 damages 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. Not designed for permanent exposure. Good practice calls for the membrane to be covered within 90 days. 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.

New dimensional lumber decks may contain knots with resin levels that can attack and severely soften the **Blueskin® RF 200** bitumen compound. Henry will not be responsible for these areas. Use **Blueskin PE200HT** under all copper roofs or metal roofing in desert southwestern climates.

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Packaging

3 feet wide X 65 linear feet = 195 square feet per roll. 30 rolls per pallet

Storage

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

Blueskin® RF 200 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. All protrusions must be removed to provide a smooth surface. On re-roofing applications, remove old shingles, nails, and other loose materials.

Priming is generally not required but is recommended over Dens Deck™, concrete or masonry substrates, or in cold weather. Prime with **Blueskin® Adhesive, Aquatac™ Primer**, or **Hi-Tac™ Adhesive** applied as per application and handling guidelines outlined in specific data sheets. Allow primer to dry to a tacky film. Primed surfaces not covered by membrane during the same working day must be re-primed.

Note: Where furring strips or Z bars are installed immediately after installation of membrane, priming of substrate may be omitted. Optimum adhesion is achieved when ambient and surface temperature are above 40°F. For installation below 40°F contact your Henry representative.

Application

Apply membrane parallel or perpendicular to slope. When applied perpendicular to slope, apply membrane beginning at low point and proceed in shingle fashion. Position 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.

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.

Lap End Seals: Alternatively, seal end laps with **POLYBITUME® 570-05 Polymer Modified Sealing Compound** or **HE925 BES Sealant.**

Protection of Membrane

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

Blueskin RF 200 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.

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Limited Warranty

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.
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REVISION: 04/22/14

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