TECHNICAL DATA SHEET

Blueskin® ROOF RF 200

Self-Adhered Roof Underlayment

Physical Properties

-Colour	Blue	-Flow @ 90°C (ASTM D1970)	None
-Thickness	1.0 mm (40 mils)		
-Elongation at break (ASTM D1970)	100 %	-Adhesion to Plywood (ASTM D903)	725 N/m (5.0 lb./in.)
-Tensile Strength Membrane (ASTM D412)	4128 kn./m min. (600 psi min.)	-Flexibility at -29°C (ASTM D1970)	Pass
		-Water Vapour Transmission (ASTM E96)	0.88 ng/m².s 0.015 perms
		-Air leakage (ASTM E283)	Less than 0.01 l/m².s at 75 Pa. Pressure difference.

Packaging

-Thickness	1.0 mm (40 mils)	-Gross Coverage	18.12 m^2 (195 ft^2)
-Roll Length	19.8 m (65')	-Net Coverage	16.7 m^2 (179.4 ft^2)
-Roll Width	914 mm (36")	*Based on 70mm laps both side and end.	
-Top Surface	Slip Resistant Film		
-Bottom Surface	Siliconized release film		

Description

Blueskin® ROOF RF 200 is an SBS modified bitumen membrane reinforced with a blue polyethylene film. The membrane is specifically designed to be self-adhered on sloped roof surfaces.

Features

- Self-sealing when penetrated by mechanical fasteners or nails
- Fully adhered system prevents lateral moisture migration
- Premium anti-skid surface for applicator safety
- Non-granular surface eliminates concern for damage to architectural metal finish during application
- Split release backing for fast application

Uses

Blueskin® ROOF RF 200 is used as a self-adhered membrane designed to be adhered directly to roof decks or certain insulation panels prior to the application of finished roof coverings including architectural metal, shingles, cedar shakes or tile. Its main function is to serve as a secondary waterproofing layer, in both residential and commercial building, protecting the building's interior from damages caused by water infiltration as a result of ice dam formation and wind driven rain.

Limitations

Not resistant to oils and solvents. Not designed for permanent exposure. Good practice calls for the membrane to be covered as soon as practical. Provide adequate insulation and ventilation 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 which can attack and severely soften the **Blueskin® ROOF RF 200** bitumen compound. **Henry Canada** will not be held responsible.

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Storage

Store rolls on original pallets or elevated platform. Protect from weather or store in an enclosed area not subject to heat over 40°C or under -10°C. Double stacked pallets are not recommended. If double stacking is necessary, use a plywood sheet to distribute the load.

Preparation

Blueskin® ROOF RF 200 is designed to be adhered directly to the structural deck or to certain insulation panels such as polyisocyanurate. Acceptable substrates include plywood, 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 DensDeck®, concrete or masonry substrates or in cold weather. Prime with **Blueskin® Primer, Aquatac™ Primer or Hi-Tac™ Primer** 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 reprimed.

Note: Where furring strips or Z bars are installed immediately after installation of membrane, priming of substrate may be omitted.

Application

Optimum adhesion is achieved when ambient and surface temperature are above 4°C. For installation below 4°C contact your Henry Canada representative.

Apply **Blueskin® ROOF RF 200** in direction of slope or perpendicular to slope. When applied perpendicular to slope, apply **Blueskin® ROOF RF 200** beginning at low point of and proceed in shingle fashion. Position sheet to achieve correct overlap and alignment. Release upper first half of 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 70mm (2.75") for all applications.

Roof Edge Applications: When **Blueskin® ROOF RF 200** is folded over the roof edge, it must be covered by flashing, gutter or metal edge. Apply **Blueskin® ROOF RF 200** 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 **Blueskin® ROOF RF 200**. Slowly peel first half of release film. Press firmly in place beginning at centre of ridge or valley. Repeat with second half of film. Overlap at ends and sides a minimum of 75mm (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 **Blueskin® ROOF RF 200** 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.

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