

# Blueskin® ROOF RF 200

## Ice & Water Barrier

### Physical Properties

|  |                                |                                       |  |
|--|--------------------------------|---------------------------------------|--|
| -Colour                                | Blue                           | -Flow @ 90°C (ASTM D1970)             | None                                     |
| -Thickness                             | 1.0 mm (40 mils)               | -Adhesion to Plywood (ASTM D903)      | 725 N/m (5.0 lb./in.)                    |
| -Elongation at break (ASTM D1970)      | 100 %                          | -Flexibility at -29°C (ASTM D1970)    | Pass                                     |
| -Tensile Strength Membrane (ASTM D412) | 4128 kn./m min. (600 psi min.) | -Water Vapour Transmission (ASTM E96) | 0.88 ng/m <sup>2</sup> .s<br>0.015 perms |
|  |                                | -Air leakage @ 75 Pa (ASTM E2178)     | <0.004 cfm/ft <sup>2</sup>               |

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

### Packaging

|                 |                          |  |  |
|-----------------|--------------------------|--|--|
| -Thickness      | 1.0 mm (40 mils)         | -Gross Coverage                        | 18.12 m <sup>2</sup> (195 ft <sup>2</sup> )  |
| -Roll Length    | 19.8 m (65')             | -Net Coverage                          | 16.7 m <sup>2</sup> (179.4 ft <sup>2</sup> ) |
| -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 superior skid resistant blue polyethylene surface film. The membrane is specifically designed to be self-adhered on sloped roof surfaces.

### Features

- Self-gasketing 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 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 which can attack and severely soften the bitumen compound, causing flow. **Henry Canada** will not be held responsible.

### **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® 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 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.

**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.

**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**

---

The technical and application information herein is based on the present state of our best scientific and practical knowledge. As the information herein is of a general nature, no assumption can be made as to a product's suitability for a particular use or application and no warranty as to its accuracy, reliability or completeness either expressed or implied is given other than those required by law. The user is responsible for checking the suitability of products for their intended use. Henry Company data sheets are updated on a regular basis; it is the user's responsibility to obtain and to confirm the most recent version. Information contained in this data sheet may change without notice.