

Blueskin® PE 200 HT

High Temperature Roof Underlayment

Physical Properties

<ul style="list-style-type: none"> -Color.....Blue -Thickness.....40 mils -Application Temperature..... 40°F and above -Elongation..... 250% minimum (ASTM D412 Die C Modified) (To ultimate failure of rubberized asphalt) -Tensile Strength Membrane... 600 psi min. (ASTM D412) 	<ul style="list-style-type: none"> -Adhesion to Plywood..... 850 N/m (ASTM D903) -Flexibility at -45°F..... Pass (ASTM D1970) -Water Vapor Transmission..... 0.05 perms -Air Leakage @ 75 Pa <0.004 cfm/ft² (ASTM E 2178)
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-Top Surface Blue-Cross laminated Polyethylene (hot melt coated)
 -Bottom Surface Siliconized Kraft Paper

Description

Blueskin® PE 200 HT is a self-adhered roofing underlayment consisting of a high softening point, SBS rubberized asphalt compound, which is integrally laminated to a blue cross-laminated polyethylene film with slip-resistant coating. **Blueskin® PE 200 HT** is specifically designed to provide an exceptionally high temperature & performance roofing underlayment. Designed to be adhered directly to roof decks or certain insulation panels prior to the application of finished roof coverings including architectural metal, shingles or tile. Its main function is to serve as a full coverage-waterproofing layer in the composition of architectural metal roof assemblies.

Features

Henry's highest service temperature underlayment

- Meets ASTM D1970
- Suitable for use in all geographic regions under metal
- Compound-to-compound selvage edge for optimal sealing
- SBS compound with high softening point for high temp applications often found under metal
- Self-gasketing when punctured by mechanical fasteners or roofing nails
- Premium slip-resistant surface
- Tough, "heel puncture" resistant film for use on fluted steel decking
- Non-granular surface eliminates concern for damage to architectural metal finish during application

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® PE 200 HT** bitumen compound. Henry will not be responsible for these areas.

Not designed for permanent exposure. **Blueskin® PE 200 HT** is designed to withstand exposure up to 90 days, however, good practice calls for the membrane to be covered as quickly as possible. **Blueskin® PE 200 HT** is a vapor barrier. Provide adequate insulation and ventilation in cold climate areas. Avoid thin films of debris, water, frost or ice as these will affect the slip resistance of this product. Do not use in contact with flexible PVC (Poly Vinyl Chloride) membranes.

Blueskin® PE 200 HT Self-Adhered Roof Underlayment

Storage

Store rolls on original pallets or elevated platform. Protect from weather or store in an enclosed area not subject to heat over 120° F.

Packaging

36" wide x 65 linear feet = 195 sq. feet

Preparation

Blueskin® PE 200 HT is designed to be adhered directly to the structural deck or to certain insulation panels such as polyisocyanurate. Acceptable substrates include metal decks, plywood, wood plank, wood composition, concrete, gypsum board sheathing, glass faced gypsum sheathing 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 required only on DensDeck®, oriented strand board (OSB), concrete or masonry substrates. Prime with **Aquatac™** applied by garden sprayer or roller at a rate of up to 500 ft²/gal and allow to dry to a tacky film. Primed surfaces not covered by membrane during the same working day must be re-primed.

Application

Ambient and surface temperature should be above 40°F to achieve optimum adhesion. Lower temperatures cause self-adhesive layer to lose adhesive quality until warmed above 40°F.

Metal Deck Applications: Apply **Blueskin® PE 200 HT** beginning at low point of deck and proceed in shingle fashion. Overlap at ends and sides a minimum of 2 1/2". Run membrane parallel to the flutes of the deck with side laps positioned on the top or "crest" flute for optimum adhesion. Fasten a strip of metal over flutes to provide support for end laps. Alternately, seal end laps with **Henry #925 BES Sealant**.

Applications over Insulation: Apply **Blueskin® PE 200 HT** in direction of slope or perpendicular to slope. When applied perpendicular to slope apply membrane beginning at low point of and proceed in shingle fashion. Overlap at ends and sides a minimum of 2 1/2" for all applications.

Roof Edge Applications: Roll out and align manageable lengths of **Blueskin® PE 200 HT** with the lower roof edge, pebbled film surface up. Slowly peel release paper away from membrane in 2' to 3' lengths. Press firmly in place while proceeding along roof edge. Overlap at ends and sides a minimum of 2 1/2". When **Blueskin® PE 200 HT** is folded over the roof edge, it must be covered by flashing, gutter or metal edge. Apply **Blueskin® PE 200 HT** far enough up the roof deck to meet local codes and to prevent leaks caused by ice dams.

Ridge & Valley Applications: Roll out and align manageable lengths of **Blueskin® PE 200 HT**, pebbled film surface up. Slowly peel release paper or film away from **Blueskin® PE 200 HT** in 2' to 3' lengths. Press firmly in place beginning at center of ridge or valley. Overlap at ends and sides a minimum of 2 1/2". Apply in shingle fashion on valleys.

Caution

Blueskin® PE 200HT has a slip-resistant film 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.

Protection of Membrane

See limitations. Not designed for permanent exposure. Apply finish-covering materials as soon as possible following membrane application. If final roof covering does not promptly follow membrane application, secure **Blueskin® PE 200 HT** in place with mechanical fasteners as a precaution against wind damage and uplift. Protect membrane from excessive traffic during application.

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.

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