

## Blueskin® PE 200 HT

### **What is it?**

Blueskin® PE 200 HT is a self-adhered membrane consisting of a high softening point SBS rubberized asphalt compound, integrally laminated to a blue, pebbled, high density, cross-laminated polyethylene film.

### **Where is it used?**

Blueskin® PE 200 HT is used as a watertight underlay membrane in architectural metal roofing systems as well as a part of various tile and asphalt shingle systems.

### **What is the purpose of its use?**

Blueskin® PE 200 HT serves as a secondary line of defense against water infiltration under the primary roofing system. It also gets the building watertight in a hurry during construction and serves as a temporary roof.

### **So, the membrane and the laps are watertight?**

The self-adhesive compound bonds quite well to the film right away. It gets incredibly strong over time. In addition, both sides of the membrane incorporate Bakor's unique "edge bead" design for even greater security. At the "inseam" portion of the lap, you get a compound to compound seal, on the outer edge, another edge bead "sealant".

### **Can you walk and work on this membrane?**

Yes, working and walking over this membrane is *no problem*. The unique blue, pebbled surface on Blueskin® PE 200 HT creates a non-slip walking surface that won't scratch metal. The surface is also very tough - so tough that it can be applied directly over the flutes of a metal roof deck and take foot traffic *without puncture*. Where gypsum board is not needed by fire regulations, "direct to deck" application can result in considerable time and construction costs savings.

### **What if surface gets wet?**

All surfaces become more "slippery when wet". In addition, frosty, snowy, or dusty films make membranes more slippery. However, Blueskin® PE 200 HT *is the most slip resistant film surfaced membrane available*.

### **Where should Blueskin® PE 200 HT be located within the roof assembly?**

Blueskin® PE 200 HT is designed for application *under* insulation acting as an air/vapour barrier in cold climates or *over* rigid insulation in warm climates as an air/vapour barrier when placed on top of the insulation.

### **Does that allow it to be used in all metal roof situations in North America?**

That's a difficult question to answer because each roof is different. Blueskin® PE 200 HT resists flow at temperatures up to 110°C - that's 230°F. Many factors are involved in calculating the ultimate roof temperature. Geographic location, slope, elevation, walls and valleys, colour of metal panel and insulation all need to be taken in to account. These issues are best in the hands of designers.

### **What about cold temperature applications?**

Blueskin® PE 200 HT is designed for application at temperatures above 5°C (40°F). Colder temperatures reduce the adhesive quality. If the application is to be carried out in colder temperatures, install the primary roof system over top, on the same day. Alternately, mechanically fasten the membrane where the primary roofing is to be installed at a later date. Adhesion to the deck and at laps will occur when ambient and solar temperatures increase.

### **How is the material installed?**

Blueskin® PE 200 HT is applied by rolling out and lining up manageable lengths, then peeling back the release paper and pressing the membrane firmly in place. Blueskin® PE 200 HT can be applied in either direction - parallel or perpendicular to the slope. The most important issue is to ensure that the overlaps are shingle fashion.

***Is primer required?***

Bakor recommends the use of Aquatac™ Primer on surfaces of masonry, concrete, oriented strand board (OSB), and Dens Deck®. The primer helps to bind up loose dust or fibres and leaves a tacky residual film to help the self-adhesive membrane bond permanently.

***What happens if the membrane is not pressed firmly in place?***

Lack of pressure to ensure complete contact could result in poor adhesion. Applying pressure shortly after application will result in a bond. If the backside of the membrane is allowed to "dry out", pick up dust, or is no longer tacky, the easiest remedy is: Spray apply Blueskin® Primer aerosol, allow to tack up, then apply pressure to achieve a full bond.

***Is Blueskin® PE 200 HT self-sealing?***

Blueskin® PE 200 HT is self-sealing when cleanly penetrated by self-tapping screws, when holes are pre-drilled and an oversized screw is installed or when cleanly penetrated by nails.

***How long can Blueskin® PE 200 HT be left exposed?***

As indicated on our product's data sheet, Blueskin® PE 200 HT is not designed for permanent exposure and should be covered within 6 weeks. <>