

LowSlope™ Two Ply Self-Adhered Roofing System (SBS Granulated Membrane)

Physical Properties: ULC Class "C" Fire Rating. CGSB GP 56M, Type 1, Class A, Grade 1.

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|----------------------|--|---|-----------------------------|
| -Breaking Strength | MD 632N/5cm (142 lbf/in.) XD 582N/5cm (131 lbf/in.) | -Water Vapour Transmission | 0.21g/m ² 24 hr. |
| -Ultimate Elongation | MD 17% XD 21% | Dynamic Impact (Puncturing) | Passed |
| -Load Strain Product | MD 2414 XD 2751 | -Static Puncturing | Passed |
| -Water Resistance | 0.59g | - Lap Joint Strength | |
| Water Absorption | MD 0.05% XD 0.09% | After 5 days at 73°F | 128 lb |
| Dimensional Change | | After 5 days at 122°F (H ₂ O) | 123 lb |
| -Low Temperature | No sign of cracking. | After 5 days at 122°F (H ₂ O) & 5 cycles of freeze thaw | 113 lb |
| Flexibility | Pass water tightness. | -Granule Embedment | 0.8g loss |
| at -30°C (-22°F) | | Accelerated Weathering | Pass |
| | | 1080 2h cycles | >10 cycles |
| | | -Crack Bridging | at -20°C (-4°F) |

Packaging

| | | | |
|-----------------|---|-------------------|---|
| -Thickness | 3.3 mm (130 mils) | -Top Surface | Ceramic Granules |
| -Roll Length | 10.9 m (35' 9") | -Bottom Surface | Release Film |
| -Roll Width | 914 mm (36") | -Standard Colours | Black, Cool Grey, Tan and Weathered Wood |
| -Gross Coverage | 9.9 m ² (106.6 ft ²) | | |
| -Net Coverage | 4.65 m ² (50 ft ²) | | |

Description

Bakor LowSlope™ Two Ply Self-Adhered Roofing System is a modified bitumen roofing membrane with a fibrous glass reinforcement. This self-adhering membrane has a granulated top surface.

Uses

LowSlope™ Two Ply Self-Adhered Roofing System is used as a two ply roofing sheet designed for exposure to weather elements.

Features

- Can be applied on any slope above ½" in 12"
- Easily applied, immediately waterproof
- Nailed for extra security
- No hot asphalt or other adhesives required
- Self-sticking lower surface; end laps bonded with rubberized mastic
- Non-woven fibreglass reinforcement
- Permanently flexible even at low temperatures
- No primers required
- Cold application; no possibility of fires
- Designed for application on nailable decks of oriented strand board (OSB), plywood, mill lumber and over granule or smooth surfaced built-up roof surfaces
- Classified by Underwriters Laboratories Canada for Fire Resistance, Class C Roof Cover (CAN/ULC-S 107-M)

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Limitations

Non-resistant to oils and solvents. Refer to manufacturer for specific chemical resistance. Application is limited to ambient temperatures exceeding 5°C (40°F).

Designed for decks with a minimum slope of ½" in 12.

Must be installed using cap nails with a minimum 25mm (1") head diameter.

Must be used with an asphalt-compatible sealant, such as **Bakor LowSlope™ Sealant, HE925 BES Sealant or Bakor POLYBITUME® 570-05 Polymer Modified Sealing Compound.**

Storage: Store rolls of **LowSlope™ Two Ply Self-Adhered Roofing System** on original pallets or elevated platform. Protect from weather elements 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

All substrates must be free of dust, oil, dirt, debris and moisture. Remove old shingles, nails and other loose materials to provide a clean, smooth substrate. On new roofs create starter strip by cutting an ungranulated strip from a full sheet of **Bakor LowSlope™ Two Ply Self-Adhered Roofing System** and nail in place. (Set granule surfaced strip aside for flashing.) Apply starter sheet by reversing sheet so that self-adhering strip faces up and is aligned at eave. Nail 300 mm (12") on centres, on a line immediately adjacent to self-adhesive strip, 50 mm (2") from top edge.

Application

Unroll **LowSlope™ Two Ply Self-Adhered Roofing System** completely and allow to relax for a minimum of 20 minutes. Stack sheets adjacent to work station for relaxing. Pull relaxed sheet into place for proper alignment. Nail in place using 25mm (1") head diameter cap nails, in a staggered pattern 300mm (12") on centres as per diagram on the package, without removing release paper.

Fold back full sheet. Remove release film from lower surface of full sheet and from adhesive strip on starter sheet. Carefully unfold into place.

Seal under starter strip and at rake with bead of **Bakor LowSlope™ Sealant, HE925 BES Sealant, or Bakor POLYBITUME® 570-05 Polymer Modified Sealing Compound.** Overlap on end laps 150 mm (6") and apply **POLYBITUME® 570-05 Polymer Modified Sealing Compound** or rubberized mastic over overlapping area and fill "step" created by overlapping membrane. Roll seams or use weight of foot avoiding sliding motion.

Flashing Installation: Refer to **Bakor LowSlope™ Two Ply Self-Adhered Roofing System** Installation Guide for full details.

Availability

SBS roofing products and systems are marketed throughout Canada and the United States. Samples, warranties and additional information available upon request, contact your **Henry Canada** representative for details.

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Limited Warranty

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