

Product Information

Kemperol SBS Cap SA

SBS Modified Bitumen Polyester Reinforced Self-Adhered Granulated Cap Sheet

Product Description

Kemperol SBS Cap SA is a high quality 3.5 mm (140 mil) self-adhered granule surfaced Styrene Butadiene Styrene (SBS) modified bitumen asphalt roofing membrane. The membrane is reinforced with a polyester reinforcement providing high tensile strength and puncture resistance. The SBS asphalts and product composition offer long-term dimensional stability and flexibility. Standard granule color is white. The bottom surfaces of the cap sheet contains a proprietary self-adhesive compound.

Use

Kemperol SBS Cap SA provides a cleaner application, improved application speed and removes the need for torches, hot asphalt or bonding adhesives on the job site. Intended as the top layer in a multi-ply assembly, or beneath the Kemperol cold liquid-applied, fully reinforced membrane system. The membrane is free of granules along the selvage edge.

Yield

1 square roll - 100 s.f. (9.3 m²) net coverage

Storage

Rolls shall be stored on end on raised platforms and protected from the weather. Store rolls in a well-ventilated area far away from any heat source.

Product Information

| Sustainability Information | |
|---------------------------------|-------------------------|
| Rapidly renewable resource | n/a |
| Recycled content % (post / pre) | 5 / n/a |
| Manufacture location | Various, inquire within |

| Membrane Properties | | |
|-----------------------------|---------------|---------------------------------|
| Physical Properties | Temp | Values MD/XMD |
| Tensile Strength | 0 °F 73 °F | 138/88 lbf/in. 80/56 lbf/in. |
| Elongation | 0 °F 73 °F | 52/64 % 53/65 % |
| Ultimate Elongation | 73 °F | 84/93 % |
| Tear Resistance | 73 °F | 129/83 lbf |
| Cold Flex | 0 °F | Pass |
| Dimensional Stability [max] | | 0.3/0.6 % |
| Compound Stability [max] | 215°F | Pass |
| Adhesion to Plywood | 40 °F | 4.7 lbs/ft |
| | 75 °F | 31.0 lbs/ft |

Test Method: ASTM D 5147

Application

1. Apply Kemperol SBS Cap SA membrane only in dry weather and when air and surface temperature are 40 °F (5 °C) and rising.
2. Apply over clean, dry, dust and debris-free substrates. Prime concrete decks prior to application with Kempertec Asphalt Primer.
3. Install the Kemperol SBS Cap SA membrane from the low point on the roof. When applying over a base ply, install in the same direction by shingling or by strapping with the slope of the roof deck.
4. Unroll the material and allow to relax then re-roll the membrane once relaxed.
5. Start by removing the first 18–24" of release film and press the membrane into place with firm and even pressure. Roll the edges with a silicone hand roller to ensure complete adhesion.
6. Gradually remove the remaining release film applying pressure from the center to the edges as you go.
7. Position successive rolls providing a minimum 5" end lap and 3" granule free side lap.
8. After installation of the entire roof surface, roll with an 80# split-face linoleum roller. Take care on sloped roofs by securing the roller and applicator with the appropriate safety equipment.
9. Details and flashings are to be done with the Kemperol cold liquid-applied, fully reinforced membranes.

Disposal

Kemperol SBS Cap SA may be disposed of in standard landfills.

Certifications

ASTM D6164 Type I, Grade G

**Ordering
Information**

Kemperol SBS Cap SA

Item#:

KMB-SCS-SA1

Item Description:

1 square roll, 20 rolls/pallet; Approx. 1,680 lbs (762 kg)