

# VIKING™ 250 SPMC

## PRODUCT DESCRIPTION

Viking 250 SPMC membrane is a high strength, puncture and fatigue resistant, rubber modified roofing membrane designed for use as the waterproofing and reinforcement layer of a modified built-up roofing system. It consists of polyester reinforcing fabric reinforcement sandwiched by Styrene-Butadiene-Styrene (SBS) rubber in a high penetration index asphalt mixture.

## PRODUCT ADVANTAGES

**Security in Multi-Ply Construction** - Viking 250 SPMC membrane is the top component of a multi-ply roof system. It combines the inherent advantages and proven performance of multi-ply protection with the strength, flexibility and elongation of elastomeric systems. This unique combination eliminates dependence on perfect workmanship, contact adhesive seaming, etc.

**Factory Formulation Reduces Labor Expense** - Viking 250 SPMC membrane is coated at the factory with reflective mineral granules. Consequently, there's no need to flood coat and gravel or aluminize the membrane's surface. Roof projects can be completed in a timelier manner. The end result is substantial labor expense savings.

**Superior Strength** - The Viking 250 SPMC membrane is reinforced with polyester fabric. The superior strength provided by the scrim resists the movement created by today's modern buildings. In addition, the polyester fabric scrim in Viking 250 SPMC membrane provides superior tensile strength. This translates to long-term resistance to splits and tears in the completed Viking 250 SPMC roof system.

## USES

Viking 250 SPMC membrane is designed for use as the top component in a roofing system. It can also be used in conjunction with other Viking Products Group products, as well as with conventional glass base sheets or fiberglass roofing felts. Specifications are available for either hot applied systems. In addition, Viking 250 SPMC membrane can be used as the top ply in a two-ply flashing system. It can also be used to repair splits, cracks, and other deteriorated areas in existing asphalt based roofing systems.

## APPLICATION

Viking 250 SPMC membrane can be used with ASTM D 312, Type III or IV asphalt. Two plies of ASTM D 2178, Type IV or VI fiberglass felt are solidly bonded to the approved substrate. Viking 250 SPMC is then solidly adhered to these base layers with mopping asphalt.

Technical Data	Viking 250 SPMC
Softening Point (ASTM D-36) Reinforcement	250° F (120° C) Trevira polyester fabric
Penetration (ASTM D5)	40 dmm @ 77° F (25° C)
Slide (UNI-8202)	< 1 mm
Cold Flexibility (UNI-8202)	passed - 13° F (-25° C)
Water Tightness (CGSB 37-GP-56M)	passed
Dynamic Puncture (CGSB 37-GP-56M)	passed
Static Puncture (CGSB 37-GP-56M)	passed
Tensile Strength (ASTM D 5147)	MD = 120 lbf./in. XMD = 85 lbf./in.
Elongation (ASTM D 5147)	MD = 60% XMD = 60%
Load Strain Product (CGSB 37-GP-56M)	MD = 64,054 N XMD = 45, 372 N
Nominal Thickness	4mm
Nominal Weight	105 lbs.
Nominal Coverage Rate	97 FT <sup>2</sup>

Test Method ASTM D 6164 (Type I, Grade G) is tested at 2 in./min. @ 73.4 +/- 3.6° F (50 mm/min. @ 23 +/- 2° C)

For specific application recommendations, please contact your local / Bitec Representative.