

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 sandwiched by SBS rubber in a high penetration index asphalt mixture. 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 branded products, as well as with conventional glass base sheets or fiberglass roofing felts.

FEATURES & BENEFITS

Viking 250 SPMC also provides the following features and benefits:

- Can be used as the top ply in roofing or 2-ply flashing systems
- Can be used to repair splits, cracks, and other deteriorated areas in existing asphalt based roof systems
- Factory coated with reflective mineral granules, eliminating the need to flood coat, gravel, or coat the membrane's surface
- Reinforced with polyester fabric scrim for superior tensile strength for long term resistance to splits and tears

PACKAGING

Roll package: Paper wrap

Rolls per pallet: 20

Pallets per truckload (typical): 18

APPLICATION



Viking 250 SPMC can be hot mopped in ASTM D 312, Type III, or Type IV asphalt. Please refer to the BITEC Roofing Products Installer's Guide for detailed application guidelines.

Product application should be suspended immediately and our technical service personnel contacted if the results being obtained are less than desirable.

BITEC generally does not specifically recommend the type of asphalt to be used for any particular roof system. The selection of the asphalt type to be used must be made by the specifier based on many variables including, but not limited to: roof slope, weather conditions, type of construction, and local roofing practices.

Please refer to the BITEC Roofing Products Installer's Guide for detailed application guidelines.

As with any roofing project, good roofing practices should always be followed.

STORAGE & HANDLING

Store the Viking 250 SPMC rolls in their original containers with labels unbroken in a clean, dry, protected location and within the temperature range required to provide for proper application. Keep rolls stored upright on their original pallet. Never lay rolls down or stack materials on top of the rolls. Avoid dropped rolls on the edges to avoid potential deformation that can affect their ability to roll out evenly. Handle and place roofing materials and equipment in a manner to avoid permanent deflection of the deck.

BITEC highly recommends that installers using roofing asphalt take proper classes in safely handling and installing hot materials. Contents and/or containers should be disposed of in accordance with local, regional, and national regulations.

PRECAUTIONS

During applications using molten asphalt, it is essential that all safety procedures be followed. In all cases, follow NRCA and all applicable safety guidelines, keep a properly maintained fire extinguisher within reach, and designate an employee to perform a fire watch for a minimum of 2 hours after application has ended.

Additional consideration should always be given to working with molten asphalt, which can cause severe burns. For personal and property protection, make sure the area being covered has been sealed properly to prevent seepage or spillage.

Safety first! Read all label information, SDS, and precautions before using. For safety information on our products, please visit www.bitec.com.

Technical Schedule 3rd Party Independent: (NEMO ETC SGS SA Element Materials Technology)		
Softening Point	250°F (120°C)	ASTM D36
Reinforcement	Trevira polyester fabric	
Penetration @ 77°F (25°C)	40 dmm	ASTM D5
Slide	< 1mm	UNI-8202
Cold Flexibility	Passed @ -13°F (-25°C)	
Water Tightness	Passed	CGSB 37-GP-56M
Dynamic Puncture	Passed	
Static Puncture	Passed	
Load Strain Product	MD=64,054 N, XMD=45,372 N	
Tensile Strength	MD=120 lbf/in, XMD=85 lbf/in	
Elongation	MD=60%, XMD=60%	
Nominal Thickness	4 mm	
Nominal Weight	105 lbs	
Nominal Coverage Rate	97 ft²	

All information is given in good faith but normal tolerances of manufacture and testing will apply. BITEC reserves the right to improve and change its products at any time without prior notice or advice. The use of BITEC products is determined by local conditions and individual requirements of each contract. In consideration of the many factors involved, BITEC cannot be held responsible for the improper application of its products and for conditions beyond its control. All claims filed against BITEC warranties will be subject to the provisions set forth at the date of the warranty issuance, and any addendum thereto. Under no circumstances will BITEC be held liable for any damage, whether personal injury or property damage, which occur during or after the application of any BITEC products.

