

Designed for waterproofing a variety of structural surfaces, Viking Tar Armor uses a blend of asphalt, refined coal tar pitch, aromatic solvents, and thermoplastic polymers to form a strong, flexible, monolithic, seamless membrane. It can also be used as a compatible adhesive with both coal tar pitch and asphalt roofing systems. Viking Tar Armor is ideal for low or even no slope roofs due to its ponding resistance and is also highly resistant to chemical and ultraviolet attack. It is cold-applied and cures to a tough and long lasting protective barrier.

### FEATURES & BENEFITS

- Provides a seamless, elastomeric surfacing for new or aged roofing and waterproofing systems.
- As a waterproof resurfacing over asphalt BUR or gravel surfaced coal tar BUR

### PACKAGING

Viking Tar Armor is available in 5-gallon pails (36 / pails / pallet). It is black in color.

### STORAGE & HANDLING

Store Viking Tar Armor should be stored locked up in a well-ventilated location and kept cool. Contents and/or containers should be disposed of in accordance with local, regional, and national regulations.

### APPLICATION

All surfaces must be clean, free of heavy dirt, dust, debris, oils, loose gravel, un-adhered coatings, scaling rust, deteriorated membranes, and other contaminants that may result in a surface that is not sound. Surface must be free of frost, snow, and ice. Aggregate may need to be spud away to provide a proper work surface. Fasteners must be repaired and/or replaced, as needed.

Viking Tar Armor should be stored at 70°F (21.1°C) to 80°F (26.7°C) for 24 hours prior to application in cold weather. An OSHA approved pail/drum heater may be used if available.

If using as a coating / adhesive over metal or modified bitumen roofing systems, apply at a rate of 2-4 gallons (7.6-15.1 liters) per 100 ft<sup>2</sup>. For a gravel surfaced roof, apply at a rate of 6-8 gallons (22.7-30.3 liters) per 100 ft<sup>2</sup>.

If embedding gravel surfacing, ensure the material is still wet when embedding is done. If embedding granules, apply the first coat at 3-4 gallons (11.4-15.1 liters) per 100 ft<sup>2</sup>. Allow enough cure time for foot traffic. Apply a second coat at 2-3 gallons (7.1-11.4 liters) per 100 ft<sup>2</sup>, then disperse granules into the Viking Tar Armor at a rate of 50-70 lbs (22.7-31.8 kg) per 100 ft<sup>2</sup>. Collect all loose granules for re-use once the system has sufficiently cured.

If using a reflective coating, a polyester reinforcing scrim /

fabric should be installed with Viking Tar Armor. Allow the system to cure for the equivalent of 30 summer days then properly clean the surface and prime with a BITEC approved primer prior to installation of the reflective coating.

### PRECAUTIONS

Do not use with or on 100% rubber or plastic substrates. Do not apply if rain is expected within 12 hours of application. Do not use where this product may come into contact with potable water. Cover fresh air intakes during application and curing to reduce the potential for odors entering the building. Do not thin this product. Viking Tar Armor is for exterior use only and not for residential use.

Safety first! The roofing contractor and employees are the key to success regarding safety. Safety should always be first! Read all label information, SDS, and precautions before using. For safety information on our products, please visit [www.bitec.com](http://www.bitec.com).

Technical Schedule	
<b>Weight</b> (ASTM D6511)	7.6-7.8 lbs / gal
<b>Color</b> Uncured & Cured	Black
<b>Total Solids</b> (D6511) % by weight	62-64
<b>Total Solids</b> (D6511) % by volume	56-58
<b>Viscosity</b> (Brookfield)	9,000-12,000 cps
<b>Tensile Strength</b>	190 psi
<b>Elongation</b>	2000%
<b>Flash Point</b> PMCC	105°F (40.6°C)
<b>Dry Time (touch)</b> @ 70°F (21.1°C) / 50% R.H.	4 hours
<b>Shelf Life</b> @ 70°F (21.1°C) / 50% R.H.	12 months
<b>VOC</b>	<350 g / L

*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.*

