Viking® Type III Roofing Asphalt

TECHNICAL PRODUCT INFORMATION

BITEC's Viking Type III Roofing Asphalt, often referred to as "steep asphalt," is a high quality, premium grade oxidized asphalt used in the construction of built-up roofing (BUR) systems, typically for slopes where a harder asphalt is necessary. Viking Type III Roofing Asphalt provides excellent adhesion for ply felts and other roofing components. As part of a Viking BUR system, Viking Type III Roofing Asphalt is a trusted choice for durable, waterproof roofing systems.

FEATURES & BENEFITS

Viking Type III Roofing Asphalt also provides the following features and benefits:

- Meets or exceeds the criteria of ASTM D312 (Type III) Standard Specification for Asphalt Used in Roofing
- Proven performance for roofs with up to 1" in 12" slope (Contact BITEC Technical Services for guidelines on slopes greater than 1" in 12")
- Produced to BITEC's high standards with the same quality control on every batch

PACKAGING

Packaging: 100 lb cartons or 50 lb burpacks

Quantity per pallet: 18 cartons or 50 burpacks

Pallets per truckload (typical): 26 pallets (cartons) or 18 pallets (burpacks)

APPLICATION

Viking Type III Roofing Asphalt is designed to be used as an interply adhesive, waterproofing agent, and flood coat for an asphalt built-up roofing system. In addition, Viking Type III Roofing Asphalt can be used as an adhesive for insulation, cover panels, fleece-back single-ply and SBS modified bitumen roofing systems.

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

The flash point of Viking Type III Roofing Asphalt is 575°F (302°C). The temperature at the point of application must be the EVT (equiviscous temperature) ± 25°F (± 13.9°C). If EVT temperature at the point of application cannot be maintained due to cold weather, wind conditions, or delays, stop application and resume when conditions are favorable. The minimum required application rate is 25 lbs / 100 ft².

Viking Type III Roofing Asphalt shall not be heated closer than 35°F (19.4°C) of the material's flash point as noted on the factory packaging. To minimize "fall back," maintain the liquid asphalt at the lowest possible temperature for the shortest possible time prior to use. Other important guidelines are as follows:

- Maximum temperature shall not exceed 500°F (260°C)
- Product shall not be held at temperatures exceeding 475°F (246.1°C) for periods longer than 4 hours.

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

Viking Type III Roofing Asphalt should be stored securely or in closed tanks. Do not handle, store, or open near an open flame or any sources of ignition. Protect material from direct sunlight or extreme weather conditions. During prolonged periods of high temperature, ensure adequate ventilation in closed storage areas to avoid heat build-up. Do not double stack pallets. Store pallets only on firm, level surfaces. Keep out of reach of children and away from food and drink.

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.

Viking® Type III Roofing Asphalt

TECHNICAL PRODUCT INFORMATION

Technical Schedule
3rd Party Independent: (NEMO ETC | SGS SA | Element Materials Technology)

Characteristics	Specifications ASTM D312 Min	Max	Method
Softening Point	185°F (85°C)	205°F (96°C)	ASTM D36
Flash Point (C.O.C.)	575°F (302°C)		ASTM D92
Penetration @ 32°F (0°C) 200g, 60s	6 dmm	-	ASTM D5
Penetration @ 77°F (25°C) 100g, 5s	15 dmm	35 dmm	
Penetration @ 115°F (46°C) 50g, 5s	-	90 dmm	
Ductility @ 77°F (25°C) 5cm / min	2.5 cm	-	ASTM D113
Residue: Penetration @ 77°F (25°C) 100g, 5s (% of original)	80%	-	ASTM D5
Solubility in Trichloroethylene	99.0%	-	ASTM D2042
EVT 125cP (mopping)	-	430°F (221°C)	ASTM D4402
EVT 75 cP (mechanical)	-	470°F (243°C)	

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.

BITEC, Inc.
PO Box 497
#2 Industrial Park Dr
Morrilton, AR 72110
Phone: (800) 535-8597
Fax: (501) 354-3019
www.bitec.com

Revision Date 12/2025