

Meets the requirements of: ASTM D 1227, Type II, Class 1 (Asbestos Free); ASTM 1187, Type I; SS-R-1781, MIL-R-3472A

Features and Components

Use: Protective coating over built-up, SBS and APP modified bitumen roofs, and approved substrates.

Type: One-part, asphalt-based, clay emulsion roof coating.

Substrates: Metal, corrugated, concrete and wood.

Color: Black

Features: Water based, low VOC, and UV resistant.
Mineral-fiber reinforced.
Breathable; allows water vapor to escape.



Component
CO
Coating

Type
M
Membrane

SU
Substrate

Multi-Ply

System Compatibility This product may be used as a component in the following systems. Please reference product application for specific installation methods and information.

Multi-Ply	BUR		APP		SBS			
	HA	CA	CA	HW	HA	CA	HW	SA
Compatible with all Multi-Ply systems								

Single Ply	TPO		PVC		EPDM		
	MF	FA	MF	FA	MF	FA	BA
Do not use in Single Ply systems							

Key: HA = Hot Applied CA = Cold Applied HW = Heat Weldable SA = Self Adhered MF = Mechanically Fastened FA = Fully Adhered BA = Ballasted

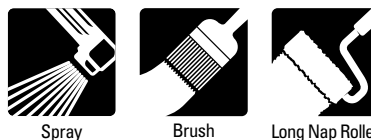
Energy and the Environment

Maximum VOC	20 g/l (calculated)
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Physical Properties

Property		Asphalt Emulsion Roof Coating
Weight	Weight	8.9 lb/gal (1.06 kg/l)
	Residue by Evaporation	51%
	Ash Content of Residue	10% (max.)
	Water Content	47%
Installation	Consistency @ 77°F (25°C) dmm Grease Cone Pen	50 gm
	Firm Set, hours	24 (max.)
	Heat Set	no sagging or blistering
	Resistance to Water	no blistering or re-emulsification
	Flash Point	no spontaneous fire potential
	Flexibility	no cracking or flaking at 32°F (-2°C) +1°F (-17°C)

Installation/Application



- Apply when temperature is 45°F (7°C) and rising. Do Not Thin
- Please refer to detailed installation instructions on next page.

Packaging and Coverage

Container Size	4.75 gal (17.9 l) pail
Shipping Weight (approx.)	42.3 lb (19.2 kg)
Coverage Rate*	3 - 4 gal/100 ft ² (11 - 15 l/9.29 m ²)

* Coverage, open and dry time rates can vary dramatically depending on the particular substrate and environmental conditions. Coverage rates stated herein are approximate only. If FM Global® or UL® approval is required, consult specific RoofNavSM or the UL Certifications Directory for specific application rates.

Storage

Shelf Life	12 months from manufacture date
Storage Conditions	Clean, dry, indoor environment in an unopened or tightly sealed container.
Temperature Range	40°F to 90°F (4.4°C to 32°C) - Protect from freezing



ASPHALT EMULSION ROOF COATING

Installation/Application Instructions

Apply when temperature is 45°F (7°C) and rising. Do Not Thin.

All surfaces must be swept clean and free from oil, grease, rust, scale, loose paint and dirt. Prime dusty or porous masonry, old roofs and all metal with a bituminous primer before applying the coating.

Stir in the container before applying. Apply with a good quality roof brush, long-napped roller or commercial grade spray equipment.

Apply two coats. The first coat must be thoroughly dry before applying the second coat. The coating should not be applied when rain or frost is forecasted within 24 hours.

Precautions

Avoid prolonged contact with skin • Avoid contact with eyes • Do not take internally • Keep container closed when not in use • Keep out of reach of children.