

**Meets the requirements of ASTM D 6848, Type IV (Asbestos Free)**

## Features and Components

**Use:** As a reflective coating for smooth-surfaced built-up roofs, and can provide a UL® Class A rating in certain constructions\*.

**Type:** One-part roof coating that is a combination of aluminum flakes and non-asbestos reinforcing fibers suspended in an emulsified asphalt.

**Substrates:** Built up, SBS and APP modified Bitumen roofs, metal, concrete, stucco and masonry.

**Color:** Black (dries to a reflective silver color)

**Features:** Provides a layer of weathering asphalt and excellent reflectivity in a noncombustible roof surfacing.



Component

**CO**  
Coating

Type

**M**  
Membrane

**SU**  
Substrate

Multi-Ply

\* See UL Roofing Materials and Systems Directory

**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
<b>Compatible with all Multi-Ply systems</b>								

Single Ply	TPO		PVC		EPDM		
	MF	FA	MF	FA	MF	FA	BA
<b>Do not use in Single Ply systems</b>							

**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	152 g/l
Maximum VOS	1.27 lb/gal (0.15 kg/l)
Reflectance, Initial	0.51

## Physical Properties

Property		ASTM Test Method	TopGard Type A
Weight	Weight	D 2939	9.3 lb/gal (1.12 kg/l)
	Water % by Weight	—	64%
	Water % by Volume	—	72%
Installation	Solids % by Weight	D 2939	37%
	Brookfield Viscosity @ 77°F (25°C)	D 2939	5,000 - 8,000 cPs
	Specific Gravity @ 77°F (25°C)		1.11
	Heat Resistance	D 2939	No Sag
	Flash Point	—	212°F (100°C)
Flexibility, Low Temperature		D 2939	Pass

## Codes and Approvals



## Installation/Application



- Apply when temperature is 40°F (10°C) and rising.
- Please refer to detailed installation instructions on next page.

## Packaging and Coverage

Container Size	5 gal (18.9 l) pail
Shipping Weight (approx.)	47 lb [21.3 kg]
Coverage Rate* Fiber Glass Felts:	50 - 60 ft <sup>2</sup> /gal (1.23 - 1.47 m <sup>2</sup> /l)
Smooth-surfaced Emulsion:	50 - 70 ft <sup>2</sup> /gal (1.23 - 1.72 m <sup>2</sup> /l)

\* 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 RoofNav<sup>SM</sup> 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

## Installation/Application Instructions

When applying TopGard Type A, use a brush, medium nap roller (3/4" [19 mm]) or heavy-duty spray equipment, to apply a thick (0.030" [0.8 mm]) coating.

Emulsion-coated membranes can be coated as soon as the emulsion has dried. Built-up roof membranes should be allowed to oxidize for 30 days before coating. Do not apply over asphalt-glazed roofs that have not been allowed to weather through one full summer.

Repair all surface defects before application. Clean roof surface of dirt, debris and any oil or grease that may be present.

Do not apply within 24 hours of rain or when freezing weather is expected.

To ensure proper application and long-term results, it is essential that the aluminum particles be completely dispersed in the mixture before application. Anything less than complete mixing will result in an unsatisfactory application.

## 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.*