

RamProof GC

Single-Component Bitumen-Modified Green Concrete Waterproofing Membrane



Description

RamProof GC (Green Concrete) is a user-friendly, high solids, single component, liquid applied membrane for cured or green concrete. The system uses two coats of a modified urethane coating and protection board to create an elastomeric system designed to expand and contract with normal structural movements.

RamProof GC is easy to use and can be applied immediately after green concrete forms have been removed, providing a quick return-to-service window during application. It also acts as an aggressive barrier against harsh chemicals, abrasive wear, and heavy impact.

Features & Benefits

- Single Component
- High Solids
- Quick Return-to-Service
- Low VOCs
- Expands and Contracts
- Easy to Use
- Apply Upon Forms Removal
- Labor Saving

Uses

- Green Concrete
- Warehouses
- Masonry
- Storage Areas
- Plaza Decks
- Foundation Walls
- Bathrooms/Restrooms
- Parking Decks

Coverage

<u>Wet Mil Thickness</u>	<u>Sq Ft/Gal</u>
215	7.5
120	13
90	18
60	25



5 gal (18.9 liter) pail

Properties

<u>Description</u>	<u>Vertical Measurement</u>	<u>Horizontal Measurement</u>	<u>Test Method</u>
Hardness	45 ± 5 (Shore A)	50 ± 5 (Shore A)	ASTM D2240
Tear Resistance, Die C	35 ± 10 pli (14 ± 2 kNm)	40 ± 20 pli (21 ± 3.5 kNm)	ASTM D624
Tensile Strength	350 ± 50 psi (2.41 ± 0.3 MPa)	350 ± 50 psi (3.45 ± 0.3 MPa)	ASTM D412
Ultimate Elongation	300 ± 50%	300 ± 50%	ASTM D412
Specific Gravity	1.23	1.32	
Total Solids by Weight	92 ± 3%	92 ± 3%	ASTM D2369
Total Solids by Volume	90 ± 3%	90 ± 3%	ASTM D2697
Viscosity @80°F (27°C)	40,000 ± 20,000 cps	5,000 ± 2,000 cps	
Service Temperature	-25°F to 200°F (-31.7°C to 93.3°C)	-25°F to 200°F (-31.7°C to 93.3°C)	
Volatile Organic Compounds	0.83 lb/gal (100 gm/liter)	0.83 lb/gal (100 gm/liter)	ASTM D2369-81

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