



VULKEM® 351

Single Component Polyurethane Top Coat

DESCRIPTION

Vulkem 351 Top Coat is an aliphatic, single-component polyurethane coating, which when used in conjunction with the recommended aggregate, creates a tough, aesthetically appealing, skid resistant, wearing surface that forms a strong interlaminar bond to the Vulkem 350NF basecoat.

BASIC USES

Vulkem 351 is used as the protective top coat in a variety of Tremco's waterproofing coating systems. These coating systems are designed for use on pedestrian decks, roof top and interior waterproofing applications.

FEATURES & BENEFITS

- Fast cure through time allows for use 24 hr after installation.
- Mildew- and fungus- resistance safeguards surfaces against environmental contaminants.
- Excellent durability and UV resistance extends the useful life of pedestrian systems.
- Re-coatable and compatible with Tremco sealants, which enhances waterproofing protection with full system compatibility.

PACKAGING

18.9L Pail or 208L Drum

COLOURS

Available in Beige, Grey, Limestone, Maple and Slate Grey.

COVERAGE

Coverage rates will vary depending on the thickness at which the Vulkem 351 is being applied.

- 0.37 mm WFT (15 mils) the coverage rate will be 0.37 litres/ m²
- 0.3 mm WFT (12 mils) the coverage rate will be 0.3 litres/ m²

INSTALLATION

Even though Vulkem 351 is a single component product it still requires some mixing to make sure that any liquid and pigment separation that may have occurred during shipping or storage is eliminated. Before use, mix the Vulkem 351 using a slow speed, high torque drill equipped with a jiffy type mixing paddle for 2-3 minutes. Take care to keep the paddle submerged in the liquid during mixing. Raising the paddle in and out of the liquid can introduce air into the coating which can lead to pinholes in the cured coating.

Please refer to the Method Statement for the coating system being applied for detailed installation instructions including recommended thicknesses, detailing work etc.

LIMITATIONS

- Do not apply to damp or contaminated surfaces.
- Use with adequate ventilation.

APPLICABLE STANDARDS

Conforms to ASTM C957 and has a UL 790 Class A rating for non-combustible substrates when used in the tested Vulkem Coating systems. Consult your local Tremco sales representative or Tremco Technical Services for the details of these systems.

WARRANTY

Tremco warrants its Products to be free of defects in materials but makes no warranty as to appearance or colour. Since methods of application and on-site conditions are beyond our control and can affect performance. Tremco makes no other warranty, expressed or implied, including warranties of MERCHANTABILITY and FITNESS FOR A PARTICULAR PURPOSE, with respect to Tremco Membranes. Tremco's sole obligation shall be, at its option, to replace, or refund the purchase of the quantity or Tremco Membranes proved to be defective and Tremco shall not be liable for any loss or damage.

PROPERTY	TEST METHOD	TYPICAL VALUE
Permeability	E-96	0.06 metric perms
Flash Point	Set-A-Flash	29°C
% Solids (by Weight)	ASTM D1353	72%
Drying Time @ 24°C, 50% RH	ASTM D1640	0.37mm, 6 to 8 hr
Open to foot traffic		24 hr after cure
Weathering	ASTM D822	No effect
Salt Spray	ASTM B117	No effect
Viscosity	Brookfield C&P	2,000 – 3,000 cps
Elongation	ASTM D412	120%
Tensile Strength	ASTM D412	> 18MPa
Hardness (Shore A)	ASTM D2240	85 to 95
Adhesion (Peel Strength) to Vulkem 350NF base coat	ASTM C794	> 3 N/mm
Adhesion (Pull-Off) to Vulkem 350NF base coat	ASTM D4541	1.5 - 2.5 MPa
Abrasion Resistance (1000 cycles)	ASTM D4060	< 50 mg
Accelerated Aging	ASTM D573	No loss of elongation or tensile strength

To find your local office address and contact details, visit

www.tremcocpg-asiapacific.com

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