



## VULKEM® 951 TOP COAT

Two-Component, Aliphatic, Low VOC, Polyurethane Deck Coating

### DESCRIPTION

Vulkem 951 Top Coat is an aliphatic two component polyurethane coating. Vulkem 951 has excellent durability, abrasion resistance, UV stability and chemical resistance. Vulkem 951 is available in a variety of standard and special colours.

### BASIC USES

Vulkem 951 is used as the intermediate layer or protective top coat in a variety of Tremco's waterproofing coating systems. These coating systems are designed for use on pedestrian decks, car parks, roof top and interior waterproofing applications.

### FEATURES & BENEFITS

- Fast cure through time allows for use 24 hr after installation.
- Low odour and low level of Volatile Organic Compounds (VOC) provides for use in neighbour friendly, inhabited structures.
- Mildew and fungus resistance safeguards concrete surfaces against environmental contaminants.
- Excellent durability and UV resistance extends the useful life of vehicular systems.
- Re-coatable and compatible with other Tremco sealants, which enhance waterproofing protection with full system compatibility.

### PACKAGING

Total of 17.4L kit –

Part A: 14.2L in a 18.9L pail

Part B: 3.2L in a 3.8L pail

### COLOUR

Vulkem 951 is available in Beige, Grey, Limestone, Black and Slate Grey. Made-to-order and special colours are also available upon request.

### COVERAGE

Coverage rates will vary depending on the thickness at which the Vulkem 951 is being applied.

- 0.37 mm WFT (15 mils) the coverage rate will be 0.37 litres/ m<sup>2</sup>
- 0.3 mm WFT (12 mils) the coverage rate will be 0.3 litres/ m<sup>2</sup>

### INSTALLATION

Vulkem 951 is a two component coating that requires mixing. Before adding the Pt B, mix the Vulkem 951 Pt A using a slow speed, high torque drill equipped with a jiffy type mixing paddle for 2-3 minutes. Take care to keep the paddle submersed 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. Once the Pt A has been mixed, add the full contents of the Pt B container to the Pt A container and mix for an additional 3-4 minutes. Again, take care to keep the mixing paddle submersed in the liquid. If there are still streaks in the material after 4 minutes of mixing, mix for an additional 2 minutes.

Refer to the appropriate method statement for the system being installed for the required application techniques, application rates, etc. The techniques involved may require modification to adjust to the jobsite conditions. Consult your Tremco Sales Representative or Tremco Technical Service for site conditions requirements.

### 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 Products. Tremco's sole obligation shall be, at its option, to replace or to refund the purchase price of the quantity of Tremco Products proven to be defective, and Tremco shall not be liable for any loss or damage.

PROPERTY	TEST METHOD	TYPICAL VALUE
Maximum V.O.C	Method 310	45 g/L
Flash Point	Set-A-Flash	> 93°C
% Solids (by weight)	ASTM D1353	80 to 85%
Drying Time @ 24°C, 50% RH	ASTM D1640	0.3 mm film, 2 to 4 hr
Open to vehicular traffic		24 hr after cure
Weathering	ASTM D822	No effect
Salt Spray	ASTM B117	No effect
Viscosity	Brookfield C&P	2500 cps
Elongation	ASTM D412	145%
Tensile Strength	ASTM D412	> 30 MPa
Hardness (Shore A)	ASTM D2240	85-90
Adhesion (Peel Strength)	ASTM D903	100% cohesive failure
Adhesion (Pull-off)	ASTM D4541	> 2 MPa
Abrasion Resistance (1000 cycles)	ATSM D4060	33 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](http://www.tremcocpg-asiapacific.com)

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