

Product Description

Vulkem® 801 is a liquid applied one-part polyurethane coating system that has been formulated to have high tensile strength, tear strength and elongation, all in a viscosity grade that can be used horizontally and vertically. This coating forms a tough, weather resistant, waterproof, elastomeric coating for application on decks that require a weather-resistant coating but will receive minimal abrasive wear. In addition, Vulkem 801 is also used as a tank-lining for non-potable applications such as fire suppression cisterns as well as a lining membrane in cooling towers, among other applications.

Basic Uses

Vulkem 801 is suitable for application to substrates that have had loose materials completely removed and major defects repaired and leveled by conventional methods.

Vulkem 801 is also often used on tanks and ducts where a high performance protective coating is required that can handle both horizontal and vertical application as well as immersion.

Vulkem 801 has excellent resistance to ponded water and to most acids, alkalis, salts, fats and solvents. Can be used in gutter and rainwater applications.

Availability

Immediately available for your local Tremco Sales Representative, distributor or warehouse.

Packaging

1-gal (3.8-L), 2-gal (7.6-L) and 5-gal (18.9-L) pails. Also available in 55-gal (208.2-L) drums.

Colors

Gray

Installation

Remove all loose substrate. Sweep or vacuum to remove dirt and trash. Repair all major defects using conventional techniques and allow to cure. Correct any structural defects or damages. Examine drains, scuppers and flashing and repair defects or replace as necessary.

Clean metal surfaces that will receive Vulkem 801 by wire brushing and solvent wipe with Xylol or MEK. Prime metal with TREMprime® Non-Porous Primer and allow to dry.

Apply Vulkem 801 with conventional airless spray equipment or with a medium nap (3/8") solvent-resistant roller. On smooth flat surfaces apply at the rate of 35 ft²/gal (.8 m²/L) yielding 45 wet mils (1.14 mm), and on smooth sloped surfaces apply at a rate of 50 ft²/gal (1.2 m²/L) yielding 30 wet mils (.8 mm). Rougher surfaces will require an extra thickness of Vulkem 801 to obtain proper coverage and to produce a smooth surface.

On surfaces that will see constant immersion or exposure to water, 60 wet mils (25 ft²/gal) must be applied.

The techniques involved may require modifications to adjust to job site conditions as Vulkem 801 has many uses. Consult your Tremco representative for specific design requirements.

Maintenance

Damaged coating can be repaired. Consult your Tremco Distributor or Representative for repair procedures.

Limitations

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

Warranty

Tremco warrants its Products to be free of defects in materials, but makes no warranty as to appearance or color. 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 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.

Please refer to our website at www.tremcosealants.com for the most up-to-date Product Data Sheets.

NOTE: All Tremco Safety Data Sheets (SDS) are in alignment with the Globally Harmonized System of Classification and Labelling of Chemicals (GHS) requirements.

TYPICAL PHYSICAL PROPERTIES

PROPERTY	TEST METHOD	TYPICAL VALUES
Tensile Strength	ASTM D412	280 psi (1.9 MPa)
Elongation	ASTM D412	375%
Hardness "A"	ASTM C836	75
Artificial Weathering	ASTM G23	Excellent
Water Absorption	ASTM C739	Nil
Extension/Compression	ASTM C957	Passes
% Recovery	ASTM C957	94%
Permeability	ASTM E96	.095
Cure Time	ASTM D1640	10-12 hr

0316/801DS-DC



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