

Product Description

Vulkem® 801 is a liquid-applied, single-component, heavy duty, aluminized 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 a variety of waterproofing applications that require a weather-resistant coating.

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 may be used in cooling water tanks* where a high performance protective coating is required that can handle both horizontal and vertical application.

Vulkem 801 has excellent resistant to ponded water. It can be used in gutter and rainwater applications.

Vulkem 801 is often used as a repair to built-up roof decks where a temporary fix is required prior to full roof replacement. It is also used to connect inverted roof waterproofing membranes to the exposed parapet that still requires waterproofing, as it features good UV stability.

*Please call technical service to discuss tank suitability.

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

Concrete surface shall be properly cleaned so that the surface to receive the coating is free of mold, paint, sealers, coating, curing agents, loose particles and other contamination or foreign matter which may interfere with the adhesion. Job site conditions may require the use of a Vulkem primer. 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 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). Concrete surfaces require 60 wet mils of Vulkem 801 at a rate of 25 ft²/gal to obtain proper coverage and to produce a smooth surface. If spraying, refer to the Vulkem 801 Spray Guide located on the Vulkem 801 product page at www.tremcosealants.com.

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.

Tremco requires that any possible recoating job be reviewed and approved by your Sales and/or Technical Representative prior to installation.

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 (Shore A) | ASTM D2240 | 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 |
| % Solids (By Weight) | ASTM D1353 | 96.83% |

0319/801DS-DC



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