



VULKEM® 801

HEAVY DUTY, ALUMINIZED COATING

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.

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.

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.

PACKAGING

5 US Gallon (18.9L) Pails
55 US Gallon (208L) Drums

COLOR

Gray

INSTALLATIONS

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 (0.8 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 (0.8 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.

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

TECHNICAL SERVICE

Technical advice or suitability of material for specific application and end-use requirements is available from the manufacturer. Refer to Safety Data Sheet (SDS) and label for precautionary information.

TREMCO QUALITY

Tremco reserves the right to continue to improve its product technology. Information contained in the Data Sheet could be superceded by changes in performance characteristics. These changes, should they occur, will not be to the detriment of the product.

LIMITATIONS

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

WARRANTY

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



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	0.095
Cure Time	ASTM D1640	10 – 12 hours

