

Vulkem 801

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Vulkem® 350NF/345/346 *	Vulkem® 350NF/351	Vulkem® 360NF/950NF/951NF	Vulkem® OC810
			
BLACK	BLACK	BLACK	
			
MAPLE	MAPLE	MAPLE	MAPLE
			
BEIGE	BEIGE	BEIGE	BEIGE
			
SLATE GRAY	SLATE GRAY	SLATE GRAY	SLATE GRAY
			
GRAY	GRAY	GRAY	GRAY
			
LIMESTONE	LIMESTONE	LIMESTONE	LIMESTONE
			
WHITE	WHITE	WHITE	

* colors indicated are for Vulkem 346

Vulkem® 801



GRAY

- Color chart can be used for Vulkem 351NF.
- Color deposits shown here are approximate and may not reflect sheen or shade precisely as varied amounts of aggregate added will alter light-reflecting properties. Tremco always recommends a test-patch be done to gain final color approval.
- Custom colors available. Minimum quantities apply.



CLEAR (Vulkem 951NF only)

Vulkem® 801

Heavy Duty, Aluminized Coating

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 resistant to ponded water and to most acids, alkalis, salts, fats and solvents. Can be used in gutter and rainwater applications.

Packaging

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

Standard Color

Gray

Installations

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 sq. ft. per gallon (.8m²/L) yielding 45 wet mils (1.14mm), and on smooth sloped surfaces apply at a rate of 50 sq. ft. per gallon (1.2m²/L) yielding 30 wet mils (.8mm). 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 sq ft/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.

Availability

Immediately available for your local Tremco Field Representative, Tremco Distributor or Tremco Warehouse.

Limitations

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

Warranty

Tremco warrants its Coatings to be free of defects in material, 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 Coatings. Tremco's sole obligation shall be, at its option, to replace, or refund the purchase of the quantity of Tremco Coating proved 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.

TYPICAL PHYSICAL PROPERTIES

Property	Test Method	Typical Value
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 Hours





March 11, 2014

RE: Vulkem 801 - Green Building Product Information (LEED® Information)

Tremco, as an organization, is committed to quality, responsive to both internal and external customers, our employees, our community and environment, and we will treat all with respect and good stewardship.

Material Manufacturing Location:

Vulkem 801 is manufactured in Cleveland, Ohio. Should your job site be within 500 straight-line miles of Cleveland, this material will help contribute positively towards the Locally Manufactured Material Credit.

Raw Material Extraction Information:

No single extracted material is used to produce the majority of this product. Additionally, all raw materials come from one of several sources which in-turn come from one of several raw material feed stocks. As such, point source for the raw materials cannot be determined.

Rapidly Renewable Raw Material Information:

Vulkem 801 contains 0% rapidly renewable raw material content by weight.

Recycled Content Information (by weight: All in Packaging):

1 Gal Bucket	1.73% (1.44% Post Industrial, 0.29% Post Consumer)
2 Gal Bucket	2.1% (1.75% Post Industrial, 0.35% Post Consumer)
5 Gal Bucket	2.16 (1.8% Post Industrial, 0.36% Post Consumer)
1 x 55 Gal Drum	6.8% (All Post Industrial)

VOC Content Information:

Vulkem 801 has a VOC content of 49g/L equaling 3% by weight. These levels are below those for Concrete/Masonry Sealers or Waterproofing Sealers as defined by SCAQMD.

Additional Information:

Should you have any questions or require additional information, please do not hesitate to contact Technical Services or your local Tremco Field Representative.

Sincerely,

A handwritten signature in blue ink, appearing to read "Amy Woodard".

Amy Woodard
Product Steward
Compliance and Regulatory

CERTIFICATION LETTER

Tremco certifies that the Vulkem[®] 801 Elastomeric Coating System has been tested with the following Typical Physical Properties.

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Cure Time	ASTM D1640	10-12 Hours