



VULKEM[®] OC810 COATING

ONE-COAT, LOW-ODOR, LOW-VOC DECK COATING FOR LIGHT PEDESTRIAN APPLICATIONS

DESCRIPTION

The Vulkem[®] OC810 Coating is a high-solid, aliphatic urethane membrane designed to be applied in one 35-40-mil coat as a waterproofing system. Vulkem OC810 **must be used with Tremco Rubber Aggregate 12-20 mesh.**

BASIC USES

Vulkem OC810 Coating is ideal for light pedestrian traffic areas such as balconies, roof terraces and mechanical rooms. It also can be used as waterproofing for window eyebrow applications.

FEATURES

- Easy, one-coat application
- Fast cure
- Low odor and less than 30 g/L of Volatile Organic Content (low VOC)
- Mildew and fungus resistant
- Excellent durability and UV resistance
- Recoatable and compatible with other Tremco sealants
- Aesthetically pleasing

BENEFITS

- Reduce time and labor with single day installation.
- Reduces risk of application failure
- Neighbor friendly for areas near inhabited structures
- Safeguards concrete surfaces against environmental contaminants
- Enhances waterproofing protection with full system compatibility
- Extends the useful life of pedestrian systems
- Five-year warranty when installed according to Tremco Application Instructions

PACKAGING

5 US Gallon (18.9 L) pail

STANDARD COLORS

Gray, Beige, Maple, Slate Gray and Limestone

COMPATIBILITY AND CONNECTIVITY

Vulkem OC810 requires the use of Tremco Rubber Aggregate as well as primers for full system installation.

Surface preparation also may require the use of approved Tremco sealants to repair the substrate prior to coating. Compatible materials include:

- Vulkem 931 Polyurethane Sealant
- Vulkem 116 Polyurethane Sealant
- Dymeric 240FC Polyurethane Sealant
- Vulkem 45SSL Polyurethane Sealant
- Vulkem Primer No. 191 (Low-VOC Primer)
- TREMprime Multi-Surface Urethane Primer
- TREMprime Non-Porous Primer

LIMITATIONS

- Vulkem OC810 Coating is not intended for use in vehicular applications.
- Do not apply over damp or contaminated surfaces.
- Use with adequate ventilation.

INSTALLATION

Please refer to the Vulkem OC810 Coating Application Instructions for complete installation details. The techniques involved may require modification to adjust to the job-site conditions. Consult your local Tremco Sales Representative or Tremco Technical Services for specific site conditions and requirements.

TECHNICAL SERVICE

Technical advice or suitability of material for specific application and end-use requirements is available from the manufacturer. Refer to Material Safety Data Sheet (MSDS) 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 superseded by changes in performance characteristics. These changes, should they occur, will not be to the detriment of the product.

WARRANTY

Tremco warrants its Coatings 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 Coatings. Tremco's sole obligation shall be, at its option, to replace or refund the purchase 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 Value
Weight % Solids		90%
VOC		< 30 g/L
Flash Point		> 100 °C
Viscosity @ 75%		4,000 – 6,000 cps
Vertical Hold	ASTM G154	35 – 40 mils
Skin Time: 50° F (10° C), 50% RH 75° F (24° C), 50% RH 95° F (35° C), 50% RH		6 – 8 hr 1-1/2 – 2-1/2 hr 30 – 60 min
Through Cure @ 40 wet mils: 50° F (10° C), 50% RH 75° F (24° C), 50% RH 95° F (35° C), 50% RH		24 – 36 hr 12 – 20 hr 8 – 12 hr
Moisture Vapor Transmission	ASTM E96	3.0 perms
Crack Bridging	ASTM C836, 1/16 in.	Pass
Adhesion in Peel Concrete with primer Aluminum with primer	ASTM C794	> 15 pli > 15 pli
Tensile Strength	ASTM D412	1,700 – 2,200 psi
Elongation	ASTM D412	250 – 350%
Accelerated Weathering	ASTM G154	> 2000-hr Q-UVB and Xenon Arc weathering with no yellowing or cracking
Abrasion-Resistance-Taber	ASTM D4060	< 90 mg
Pull-Off Strength to Concrete	ASTM D4541	> 250 psi

