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### PRODUCT DESCRIPTION

Vulkem® 350/351 is a composite waterproofing system comprised of tough-curing liquid polyurethane. It cures to form a rubber membrane surface that provides a lasting and easy-to-clean coating. Textured surfaces for pedestrian traffic will use an aggregate-laden top membrane to aid in wear and slip resistance. Vulkem 350/351 may be used to apply a seamless monolithic waterproof membrane to concrete and primed metal surfaces.

Vulkem 350 Base Coat is a single-component urethane membrane that bonds firmly to clean, dry concrete and metal. It retains its integrity even if substrate movement causes hair-line cracks of up to 1/16" (1.5 mm). If cut or damaged, Vulkem 350 will prevent water migration between itself and the substrate. Vulkem 350 is available in roller (R) and in self-leveling (SL) grade for vertical and horizontal application.

Vulkem 351 Top Coat is an aliphatic, single-component polyurethane, which when used in conjunction with the recommended aggregate, creates a tough, aesthetically appealing, skid resistant, wearing surface that forms a strong interlaminar bond to the Vulkem 350 basecoat.

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### BASIC USES

Vulkem 350/351 is ideal for plazas, recreation decks, balconies, mechanical rooms, stadiums, athletic surfaces, and similar applications requiring an elastomeric waterproofing system.

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### FEATURES & BENEFITS

- Fast cure through time allows for use 24 hr after installation.
- Mildew- and fungus- resistance safeguards concrete surfaces against environmental contaminants.
- Excellent durability and UV resistance extend the useful life of pedestrian systems.
- Recoatable and compatible with other Tremco sealants, which enhances waterproofing protection with full system compatibility.

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### AVAILABILITY

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

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### PACKAGING

Vulkem 350: 5-gal (18.9-L) pails, 55-gal (208.2-L) drums

Vulkem 351: 5-gal (18.9-L) pails; 55-gal (208.2-L) drums

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### COLORS

Vulkem 351 is available in Beige, Gray, Limestone, Maple, Slate Gray, White, Charcoal, and \*Black. Special colors are available upon request.

\*Denotes special color.

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### INSTALLATION

Concrete shall be water-cured and attain a 3000 psi minimum compressive strength. Concrete finish shall be a light steel trowel followed by a fine-hair broom, or equivalent ICRI #2-#4 finish. Moisture content in the concrete must be lower than 4.5% as measured using a Tramex CME 4 Moisture Meter. Depending on concrete construction and job site location, additional concrete testing may be required. Please contact your local Tremco Sales or Technical Representative.

## LIMITATIONS

- Do not apply to damp or contaminated surfaces.
- Use with adequate verification.
- Substrate must be at least 5 °F (3 °C) above the measured dew point temperatures to avoid dew point conditions.

## WARRANTY

A repair or replacement warranty is available on all Tremco products. Visit <https://www.tremcosealants.com/warranties/> for details.

## TYPICAL PHYSICAL PROPERTIES

PROPERTY	TEST METHOD	VULKEM 350	VULKEM 351
Flash Point	Set-A-Flash	112 °F (44.4 °C)	85 °F (39 °C)
% Solids (by Weight)	ASTM D1353	79%	72%
Drying Time @ 75 °F, 50% RH	ASTM D1640	25-40 mil film, 12 hr	15 mil film, 6 to 8 hr
Open to foot traffic		N/A	N/A
Weathering	ASTM D822	N/A	No effect
Salt Spray	ASTM B117	N/A	No effect
Viscosity	Brookfield C&P	8000 to 10000 cps	2000 to 3000 cps
Elongation	ASTM D412	1040%	120%
Tensile Strength	ASTM D412	320 psi	2800 psi
Hardness (Shore A)	ASTM D2240	60	85 to 95
Adhesion (Peel Strength)	ASTM D903	Unprimed concrete 30 pli, 100% cohesive	100% cohesive failure
Adhesion (Pull-Off)	ASTM D4541	280 psi	400 psi
Abrasion Resistance (1000 Cycles)	ASTM D4060	N/A	50 mg
Accelerated Aging	ASTM D573	No loss of elongation or tensile strength	No loss of elongation or tensile strength

\*Accelerated aging test. 1 daily cycle of UV and water spray greatly exceeds 1 day of real world exposure. Contact Tremco Technical Service or your local sales representative for more information.

Please refer to our website at [www.tremcosealants.com](http://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.**

V350351-DS/0323

Tremco Construction Products Group (CPG) brings together the Commercial Sealants & Waterproofing and Roofing & Building Maintenance divisions of Tremco CPG Inc.; Dryvit and Willseal brands; Nudura Inc.; Prebuck LLC; Tremco Barrier Solutions, Inc.; Weatherproofing Technologies, Inc.; Weatherproofing Technologies Canada, Inc.; and Pure Air Control Services, Inc.



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