

Vulkem 350/351 NF

**NEIGHBOUR FRIENDLY - LOW ODOUR/NO
V.O.C. PEDESTRIAN DECK
COATING SYSTEM**

Vulkem 351 NF Topcoat - Part A & B
Part A - Base - 19L Pail
Part B - Curing Agent - .47L cans.

USAGE GUIDELINES

Key Benefits Summary

- Low Odour
- Classified Non-Hazardous
- Abrasion Resistant
- Decorative

INSTALLATION

Concrete shall be water cured and in place for at least 14 days, preferably 28 days. Concrete finish shall be a light steel trowel followed by a fine hair broom, or equivalent finish. New or existing slabs must be dry, clean, sound and free of all contaminants which may interfere with adhesion or proper curing. Chemical and/or mechanical surface preparation may be required.

PRODUCT INFORMATION

DESCRIPTION

Vulkem 350/351NF is a Neighbour Friendly updated version of Tremco's original Vulkem 350/351 Pedestrian Deck Coating System. The Vulkem 350/351 NF is an attractive composite deck waterproofing system, composed of tough curing liquid applied polyurethane rubber. The aggregate laden topcoat provides a skid resistant profile suitable for pedestrian traffic.

Plywood decks must be firm and well fastened, with proper consideration given to joints and movement. All surfaces shall be made free of defects which may telegraph and show through the coating. Vulkem 350 NF Base coat is normally applied at the rate of 1.22-1.47 square metres per litre, yielding approximately .64mm - .76mm thickness. The coating is squeegee applied, followed by back rolling to evenly distribute the material.

Vulkem 350 NF is a one part, no V.O.C., low odour, polyurethane base coat which possesses tenacious adhesion to clean, dry concrete, wood and metal. Vulkem 350 NF forms a seamless, monolithic waterproof membrane capable of bridging a 1.6mm crack without compromising the waterproof integrity of the system.

The Vulkem 351 NF Topcoat is applied with a medium nap roller at the rate of 2.95 - 3.19 square metres per litre to yield approximately .3mm wet thickness. Silica sand is immediately broadcast into the wet topcoat and back rolled to evenly distribute the aggregate. For a moderate non-slip finish, use .5Kg per Litre. For a more textured profile use .9Kg per Litre of 351 NF.

Vulkem 351 NF is a two component, no V.O.C., low odour, aliphatic, polyurethane topcoat, which when used in conjunction with the recommended aggregate, creates a tough, aesthetically appealing, abrasion resistive, wearing surface that forms a strong interlaminar bond to the Vulkem 350 NF base coat.

Refer to Vulkem 350/351 NF Application instructions for specific application details. The techniques involved may require modification to adjust to job site conditions. Consult your Tremco representative for specific design requirements.

BASIC USES

The Neighbour Friendly Vulkem 350/351 NF system has been specifically formulated for odour sensitive application adjacent to occupied areas. Vulkem 350/351 NF is ideal for plazas, pool/recreation decks, roof terraces, balconies, mechanical rooms, stadiums and similar applications requiring an elastomeric waterproofing system.

TECHNICAL INFORMATION

Vulkem 350 NF Base Coat

LIMITATIONS

Do not apply to damp or contaminated surfaces.
Do not use on Parking Garage Decks.
Use with adequate ventilation.

Property	Result	Test Method
Tensile	550psi	ASTM D-412
Elongation	600%	ASTM D-412
S ₁₀₀	100psi	ASTM D-412
Hardness, Shore A	40	ASTM C-661
Peel Strength	13.6Kg, 100% coh	ASTM C-794
Permeability	0.12 metric perms	E-96
Viscosity , cps	8-10,000	Brookfield HBT
Cure Time at 25oC	48Hrs max.	
	50% R.H.	

COLOUR

Vulkem 351 NF is available in Beige, Grey, Limestone, Maple, Slate Grey and White.

PACKAGING

Vulkem 350NF Base Coat - 19 Litre pails, 208L Drums.

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Vulkem 350/351NF



Vulkem 350/351NF

Vulkem 351 NF Top Coat

Property	Result	Test Method
Tensile	2600psi	ASTM D-412
Elongation	130%	ASTM D-412
S ₁₀₀	240psi	ASTM D-412
Hardness, Shore A	90	ASTM C-661
Peel Strength	100% coh to 350NF	ASTM C-794
Permeability	0.12 metric perms	E-96
Viscosity , cps	2-3,000	Brookfield HBT
Cure Time at 25oC	48Hrs max.	
50% R.H.		

AVAILABILITY

Vulkem 350/351 NF is available through your nearest Tremco office.

HEALTH AND SAFETY PRECAUTIONS

Material Safety Data Sheet must be read and understood before use.

TECHNICAL SERVICE

TREMCO has a team of qualified Technical Sales Representatives who provide assistance in the selection and specification of products. For more detailed information or service and advice call Customer Service on (02) 9638 2755 or fax (02) 9638 2955.

GUARANTEE/WARRANTY

We warrant our products to be free of defects and manufactured to meet published physical properties when tested according to applicable specifications and TREMCO standards.

Under this warranty we will provide at no charge, product to replace any product proven to be defective when applied in accordance with our written instructions and in applications recommended by TREMCO as being suitable for this product.

All claims concerning product defects must be made within 12 months of shipment. Absence of such claims in writing during this period will contribute a waiver of all claims with respect to such product. This warranty is in lieu of any and all other warranties expressed or implied.

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