

Vulkem[®] 951NF

NEIGHBOUR FRIENDLY – LOW
ODOUR/LOW V.O.C. TOPCOAT

USAGE/PURPOSE

KEY BENEFITS SUMMARY

- Low odour
- Quick turnaround time
- Extremely tough topcoats
- Reduced number of coats for both the medium and heavy duty system
- Topcoats need only 24 hours cure time prior to vehicular traffic, 12 hours cure time prior to foot traffic
- Petrol and oil resistant
- Cold applied

MEDIUM DUTY

Consists of a 0.65 mm coat of Vulkem[®] 360NF and a 0.325mm top coat of Vulkem[®] 951NF with back rolled aggregate.

HEAVY DUTY

Consists of a 0.65 mm coat of Vulkem[®] 360NF and **two coats** of Vulkem[®]951NF, at 0.325mm each and with back rolled aggregate in the top coat.

These deck coating systems are designed for waterproofing;

- Roof decks
- Plaza decks
- Pool decks
- Balconies
- Mechanical rooms
- Stadiums
- Parking stations
- Plywood decks
- Roof tennis courts

PRODUCT INFORMATION

DESCRIPTION

Vulkem[®] 951NF is a low odour, low V.O.C. compliant water cured, rapid setting polyurethane topcoat. It is a high-performance, Neighbour Friendly, two-part polyurethane coating for vehicular (heavy duty) and pedestrian (medium duty) application where low odour and extremely durable coatings are desired.

Vulkem[®] 951NF Topcoat can be used both as an intermediate coat for the Tremco heavy duty system and a topcoat for interior applications.

The recommended basecoat for use with Vulkem[®] 951NF is Vulkem[®] 360NF. Vulkem[®] 360NF is a low odour V.O.C. compliant, water cured, rapid setting polyurethane base coat that has exceptional adhesion to clean dry concrete, wood and metal.

COLOUR

Grey
Beige
Slate Grey

PRODUCT CODE

215795
215796
215797

PACK SIZE

Part A 14.2 litres in a 19 litre pail.
Part B 3.2 litres

USAGE GUIDELINES

SURFACE PREPARATION

Concrete shall be water cured in 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 from all contaminates which may interfere with adhesion. Chemical and/or mechanical surface preparation may be required. Refer to Vulkem[®] 360NF product data sheet for specific application details. The techniques involved may require modification to adjust to the job site conditions. Consult your Tremco Representative for specific design requirements.

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APPLICATION

- ❑ Ensure adequate, thorough ventilation during and after application to ensure proper film formation.
- ❑ Vulkem® 360NF should have a slightly tacky surface to aid adhesion of Vulkem® 951NF. If the surface has been exposed for more than 24 hours it should be cleaned and prime coated with Vulkem® Primer 191. *Contact your local Tremco representative in this situation.*
- ❑ Premix Vulkem® 951NF base component, Part A to assure no settlement and consistent colour.
- ❑ Empty contents of curative, Part B into Part A. With a low speed electric mixer, mix components for 3 minutes, scrape the sides of the drum and mix for a further 2 minutes.
- ❑ Take care not to entrap air into the mixture. Mix and use one pail at a time.
- ❑ Apply Vulkem® 951NF at 3.2m²/litre (0.325mm)
- ❑ For a nonslip finish broadcast sand into wet surface and back roll.
- ❑ For Heavy Duty applications allow the first coat of Vulkem® 951NF to cure for 6 – 24 hours.
- ❑ Allow the system to cure 12 hours prior to foot traffic and 24 hours for vehicular traffic (25°C and 50% RH)
- ❑ To determine the correct amount of slip resistance a sample patch should be prepared and accepted by the customer.

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

TREMCO products are manufactured to rigid standards of quality. Any product which has been applied (a) in accordance with TREMCO written instructions and (b) in any application recommended by TREMCO, but which is proved to be defective, will be replaced free of charge.

Any information provided by TREMCO in this document in relation to TREMCO's goods or their use is given in good faith and is believed by TREMCO to be appropriate and reliable. However, the information is provided as a guide only, as the actual use and application will vary with application conditions which are beyond our control. TREMCO makes no representation, guarantee or warranty relating to the accuracy or reliability of the information and assumes no obligation or liability in connection with the information. To the extent permitted by law, all warranties, expressed or implied are excluded.

PROPERTY	TEST METHOD	VULKEM® 951NF
Tensile	ASTM D-412	35MPa
Elongation	ASTM D-412	300%
Hardness	ASTM C-661	50 Shore D
Cure Time at 25°C, 50%RH	ASTM D-1640	24 hours, traffic
Solids Content	ASTM C-792	>98%
Peel Strength to Base Coat	N/A	100% c.f.
Abrasion Resistance	800kpa cycles	100,000

PRECAUTIONS

- ❑ Do not apply to damp or contaminated surfaces
- ❑ Use with adequate ventilation

HEALTH & SAFETY PRECAUTIONS

The Material Safety Data Sheet (MSDS) must be read and understood prior to use.