

Fosroc Trafficguard Top Coat



constructive solutions

Epoxy Polyurethane based Hard wearing, skid resistant, flexible Top Coat for Trafficguard System

Uses

Provides a high grade protection system, to trafficguard flooring system exposed to aggressive environments.

Advantages

- Flexible and bridges dynamic cracks
- Suitable for all zones in a car park
- Seamless and watertight
- Rapid application, reliable and safe

Description

Trafficguard Top coat is a high quality, polyurethane, protective coating which is applied as a topcoat in trafficguard floor system. It is supplied as a two pack material in pre-weighed quantities ready for on-site mixing and use.

Apply Trafficguard Topcoat to the primed surface at an application rate of 0.2 to 0.5 ltr/m² per coat. For best results the Trafficguard Topcoat should be applied with a short haired lambswool roller. General recommendation which will vary according to the project is a minimum coverage rate of 0.2 ltr/m² for parking and thoroughfare; 0.5 ltr/m² for ramps.

Prior to trafficking allow the following cure periods:

Foot traffic : 24 hrs @ 25°C or 18 hrs @ 35°C
Vehicle traffic : 5 days @ 25°C or 72 hrs at 35°C

Traffic marking lines may be applied using Trafficguard Line Marking Paint (TLMP) after five days from time of application.

Design criteria

Trafficguard Top coat is designed for application in one coat on primed surface.

Properties

Elongation

(ASTM D412) : > 200%

Tensile Strength

(ASTM D412) : 9 N/mm²

Tear Resistance

(ASTM D624) : 25 N/mm

Shore A Hardness

(ASTM D2240) : > 90

Overcoating time at 35°C : 16 hours

Crack Bridging ability

(ASTMC1305) : Pass

Instructions for use

Surface preparation

It is essential that Trafficguard Top coat is applied to sound, clean substrates in order to achieve maximum adhesion between the sealer and the substrate.

Clean the surface and remove any dust, unsound material, plaster, oils, paint, grease, corrosion deposits or algae. Roughen the surface and remove any laitance by light scrubbing or grit blasting.

Oil and grease deposits should be removed by steam cleaning, detergent scrubbing or the use of proprietary degreaser. The effectiveness of decontamination should then be assessed by pull-off test.

Application

Mixing

The two components should be mixed using a heavy duty slow speed drill and approved mixing paddle together 2 to 3 minutes, until homogeneous.

Coating

Apply the mixed Trafficguard Top Coat to the primed surface at an application rate of 0.2 to 0.5 ltr/m² per coat. For best results the Trafficguard Top Coat should be applied with a short haired lambswool roller.

Cleaning

Tools and equipment should be cleaned immediately after use with Fosroc Solvent 102.

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Technical support

Fosroc offers a comprehensive range of high performance, high quality repair, maintenance and construction products. In addition, Fosroc offers a technical support package to specifiers, end-users and contractors, as well as on-site technical assistance in locations all over the world.

Estimating

Supply

Trafficguard Top Coat	:	18 litre packs
Fosroc Solvent 102	:	5 litre packs

Coverage

Trafficguard Top Coat	:	0.2 - 0.5 litre/m ²
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Storage

Shelf life

Trafficguard Top Coat has a shelf life of 6 months if kept in original unopened containers at temperatures between 5°C and 30°C in a dry environment.

Precautions

Health and safety

Trafficguard Top Coat should not come into contact with skin and eyes or to be swallowed. Some people are sensitive to resins and solvents so gloves and a barrier cream such as Kerodex Antisolvent, Rozalex Antipaint, Debba-Wet Work or similar should be used when handling these products.

Remove contamination from the skin with soap and water or a resin removing cream such as Kerocleanse Standard Grade Skin Cleanser or Rozaklens Industrial Skin Cleanser. Follow by washing with soap and water. **Do not** use solvent.

The use of goggles is recommended but should accidental eye contamination occur, wash thoroughly with plenty of water and seek medical treatment immediately.

If swallowed, seek medical attention immediately - **Do not** induce vomiting.

Fire

Trafficguard Top Coat and Fosroc Solvent 102 are flammable. Do not use near a naked flame.

Flash points

Trafficguard Top Coat	:	23°C
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* Denotes the trademark of Fosroc International Limited

† See separate data sheet



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Important note

Fosroc products are guaranteed against defective materials and manufacture and are sold subject to its standard Conditions for the Supply of Goods and Service. All Fosroc datasheets are updated on a regular basis. It is the user's responsibility to obtain the latest version.

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