

Fosroc Trafficguard Intermediate Coat



constructive solutions

Epoxy polyurethane based Intermediate 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 Intermediate 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.

Trafficguard Intermediate coat is applied to a dry surface, as a single coat of between 200 and 500 microns wet film thickness, which will cure to give a finished dry film thickness of between 150 and 350 microns. Additional coats may be required for extreme exposure conditions.

Design criteria

Trafficguard Intermediate coat is designed for application in one coat. However a second coat may be required on porous concrete surfaces.

Properties

Elongation (ASTM D412)	: > 300%
Tensile Strength (ASTM D412)	: 4 N/mm ²
Tear Resistance (ASTM D624)	: 15 N/mm
Crack Bridging ability (ASTMC1305)	: Pass

Instructions for use

Surface preparation

It is essential that Trafficguard Intermediate 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 for 2 to 3 minutes, until homogeneous.

Coating

Apply the mixed Trafficguard Intermediate 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 Intermediate Coat	:	18 litre packs
Fosroc Solvent 102	:	5 litre packs

Coverage

Trafficguard Intermediate Coat	:	2 to 5 m ² /litre
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Storage

Shelf life

Trafficguard Intermediate Coat has a shelf life of 12 months if kept in original unopened containers at temperatures between 5°C and 30°C in a dry environment.

Precautions

Health and safety

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

Flash points

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

† See separate data sheet



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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