

# Fosroc Trafficguard Wear Course



constructive solutions

## Polyurethane based Chemical, UV resistant and water resistant Wear Course for Trafficguard System

### Uses

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

### Advantages

- **Low cost in service** - due to combination of excellent UV and chemical resistance properties.
- **Labour saving** - can be applied directly onto fully cured epoxy coatings, without need for priming system.
- **Superior surface finish achievable** - allows use of powerful detergent cleaners where necessary.
- **Enhanced performance** - protects concrete and allows the easy removal of unsightly graffiti
- **Water resistant** - resists water

### Description

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

Trafficguard Wear Course is applied to a dry surface, as a single coat of between 95 and 145 microns wet film thickness, which will cure to give a finished dry film thickness of between 50 and 75 microns. Additional coats may be required for extreme exposure conditions.

### Design criteria

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

### Properties

<b>Specific gravity</b>	: 1.3 (mixed)	
<b>Solids by volume @ 25°C</b>	: 52% (mixed)	
<b>Weathering (30 days) (ASTM G53)</b>	: No change in original appearance	
<b>Corrosion Resistance (ASTM B117)</b>	: No change in original appearance	
<b>Humidity Resistance (water Fog exposure)</b>	: No change in original appearance	
	<b>@ 20°C</b>	<b>@ 35°C</b>
<b>Pot life</b>	: 2 hours	1 hour
<b>Drying time</b>	:	
<b>touch dry</b>	4 hours	2 hours
<b>recoatable</b>	4 hours	2 hours
<b>full cure</b>	7 days	3 days

### Comments:

Good **Chemical resistance** properties  
**Abrasion resistance** > 40 mg when used with 1kg CS17wheel

### Instructions for use

#### Surface preparation

It is essential that Trafficguard Wear Course 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.

#### 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

The mixed Trafficguard Wear Course should be applied to clean, prepared surface, using a brush or lambs wool roller. Ensure that the area is completely coated and that 'ponding' of the material does not occur. A second may also be required if the concrete is porous.

#### 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

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**Trafficguard Wear Course** : 20 litre packs

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**Fosroc Solvent 102** : 5 litre packs

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### Coverage

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**Trafficguard Wear Course** : 4.7 m<sup>2</sup>/litre

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## Storage

### Shelf life

Trafficguard Wear Course 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 Wear Course 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

Fosroc Solvent 102 is flammable. Do not use near a naked flame.

### Flash points

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**Fosroc Solvent 102** : 33°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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