

# Method Statement

## Trafficguard UR100

### Section A : General Comments

#### High temperature working

It is suggested that, for temperatures above 35°C, the following guidelines are adopted as good working practice:

- (i) Store unmixed materials in a cool (preferably temperature controlled) environment, avoiding exposure to direct sunlight.
- (ii) Keep equipment cool, arranging shade protection if necessary. It is especially important to keep cool those surfaces of the equipment, which will come into direct contact with the material itself.
- (iii) Try to avoid application during the hottest times of the day, arrange temporary shading as necessary.
- (iv) Make sufficient material, plant and labour available to ensure that application is a continuous process.

#### Equipment

It is suggested that the following list of equipment is adopted as a minimum requirement

|                              |   |   |
|------------------------------|---|---|
| <i>Protective clothing</i>   | : | <i>Protective overalls</i>  |
|                              | : | <i>Good quality gloves, goggles and face mask</i>   |
| <i>Preparation equipment</i> | : | <i>Suitable equipment/materials to ensure proper preparation of the substrate (see section 1.0)</i> |
| <i>Mixing equipment</i>      | : | <i>1 KW slow speed drill, 400 or 500 rpm,</i>   |
|                              |   | <i>Plus Fosroc mixing paddle and suitably sized mixing vessel</i>                                   |
| <i>Application equipment</i> | : | <i>Notched trowel or squeegee</i>   |
|                              | : | <i>Nap roller, or similar</i>   |

#### Application - points of note

Fosroc operates a policy to encourage the use, where possible, of approved or licensed applicators. This ensures that repairs are completed satisfactorily so that the long term performance of the materials is assured.

## Section A : General Comments

### 1.0 Surface preparation

Attention to full and proper preparation of the substrate is essential for complete repair adhesion.

- 1.1 New concrete, or cementitious substrates should be at least 28 days old and have moisture content not exceeding 5%.
- 1.2 Existing concrete floors, which require refurbishment, must be prepared to ensure a strong adhesive bond between the flooring system and the existing floor.
- 1.3 The substrate (new or existing) should be clean, sound and free from contamination such as mortar and paint splashes curing compounds, oil and grease. Excess laitance deposits are best removed by light mechanical scabbling, grinding or grit/captive blasting followed by vacuum cleaning to remove dust debris. All preparation equipment should be of a type approved by Fosroc.
- 1.4 All blowholes and other surface undulations greater than 1 mm in depth should be repaired using Nitomortar FC(B).
- 1.5 Oil and grease contamination must be completely removed by grinding down to sound, clean concrete. Alternatively, captive/grit-blasting techniques can be used to provide the required substrate.
- 1.6 Where these methods are considered impracticable, alternative methods may be considered but a clean, sound and dry substrate must still result. In particular it is essential that the substrate does not suffer from conditions of rising damp. Fosroc must approve any alternative preparations prior to commencement of work, as Fosroc will not accept responsibility under any other condition.

### 2.0 Substrate Priming

- 2.1 Immediately prior to priming, the substrate should be thoroughly cleaned to remove any remaining traces of dust or other loose material.
- 2.2 Apply Trafficguard UR100 Primer to the prepared surface at a wet film thickness of 200 microns - this will equate to a theoretical coverage rate of 5 m<sup>2</sup>/litre.
- 2.3 Whilst Trafficguard UR100 Primer is still wet, seed with Fosroc Antislip Grain No. 3 and allow curing for 24 hours.

### 3.0 Membrane

- 3.1 For best results Trafficguard UR100 Membrane should be applied using a notched trowel or squeegee.
- 3.2 Apply Trafficguard UR100 Membrane to the primed surface at a wet film thickness of 900 microns - this will equate to a theoretical coverage rate of 1.1m<sup>2</sup>/litre.
- 3.3 Allow curing for 16 hours prior to applying the wear course.

### 4.0 Base Coat

- 4.1 For best results Trafficguard UR100 Base Coat should be applied using a notched trowel or squeegee.
- 4.2 Apply Trafficguard UR100 Base Coat to the primed surface at a wet film thickness of 750 microns - this will equate to a theoretical coverage rate of 1.3m<sup>2</sup>/litre.
- 4.3 Whilst the base coat is still wet, apply Fosroc Antislip Grain No. 1, and backroll immediately with a 9 mm (3/8") nap roller. Allow curing for 12 hours prior to applying the wear course.

### 5.0 Wear Course

- 5.1 Apply Trafficguard UR100 Wear Coat to the primed surface at a wet film thickness of 225 microns - this will equate to a theoretical coverage rate of 4.4m<sup>2</sup>/litre.
- 5.2 Allow curing for 72 hours @ 35°C prior to trafficking.

### 6.0 Cleaning

- 6.1 Tools and equipment should be cleaned immediately using Fosroc Solvent 102

## Section C : Approval and Variations

This method statement is offered by Fosroc as a 'standard proposal' for the application of Trafficguard UR100. It remains the responsibility of the Engineer to determine the correct method for any given application.

Where alternative methods are to be used, these must be submitted to Fosroc for approval, in writing, prior to commencement of any work. Fosroc will not accept responsibility or liability for variations to the above method statement under any other condition.