

Method Statement

Nitoproof 600 Standard

Section A : General Comments

High temperature working

It is suggested that, for temperatures above 35⁰C, the following guidelines are adopted as good working practice:

- (i) Store unmixed and unopened 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>Stiff Wire Brush</i>
<i>Application equipment</i>	:	<i>Brush / trowel / squeegee / Graco spray</i>
	:	<i>Short hair synthetic pile roller</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 B : Application Method

1.0 Preparation

- 1.1 Clean all surfaces free of dust, laitance, foreign matter etc, by stiff wire brushing. Oil and grease should be cleaned using a chemical degreaser and wash with clean water and allow to dry.

- 1.2 Remove all high spots from concrete surfaces and attain a light steel-trowel followed by a fine hair broom finish.
- 1.3 Remove moss and lichen manually and treat surface with a fungicide. Wash the surface thoroughly with clean water and allow to dry.
- 1.4 Metal surfaces should be cleaned free of all paint, oils, rust and other contaminants. Abrade the surface well to expose bright finish and wipe the surface with a cloth dipped in Fosroc Solvent 102.

2.0 Priming

- 2.1 Normal sound & clean surfaces need not be primed.
- 2.2 Porous concrete substrates will have to be primed using a 1:1 mixture of Nitoproof 600 Standard and Fosroc Solvent 102.
- 2.3 Bituminous surfaces should be primed using Nitoprime 32.

3.0 Movement Joints

- 3.1 Seal all expansion and movement joints with recommended sealant and allow to cure.
- 3.2 Apply De-bonding Tape to the top surface of sealant.
- 3.2 Overcoat the joint with 1.3 mm thick application of Nitoproof 600 Standard which should extend 150 mm on each side of the de-bonding tape.
- 3.3 Allow the overcoating to cure before commencing general application.

4.0 Cracks

- 4.1 Treat all shrinkage and non-moving structural cracks with a 1.3 mm coating of Nitoproof 600 Standard extending 75 mm on either side of the crack.
- 4.2 Allow the coating to cure overnight prior to commencing general application.

5.0 Right angle bends

- 5.1 Install a cant strip or coving detail on all right angle bends.
- 5.2 Form the cant strip or coving in either sand & cement or Plastijoint and it must be bedded into a layer of Nitoproof 600 Standard. Follow it by a reinforcing pretreatment by application of a 1.3 mm thick coat of Nitoproof 600 Standard extending 150 mm on either side of the coving. **Whilst wet**, embed a 150 mm wide strip of Nitoproof Scrim into the Nitoproof 600 Standard as the reinforcement.

5.3 Allow the pretreatment to cure overnight prior to commencing general application.

6.0 Application

6.1 Apply Nitoproof 600 Standard using a brush, trowel, squeegee or Graco spray pump.

6.2 The application of Nitoproof 600 Standard should achieve the minimum d.f.t. as specified in the Data Sheet.

6.3 On vertical surfaces, the film build of 1.3 mm is achievable in two coats. Apply the second coat at right angle to the first.

7.0 Flood Test

7.1 Ensure that the membrane is fully cured before conducting the flood test.

7.2 Flood the surface to a minimum depth of 50 mm of water for a period of 24 hours.

8.0 Curing and Protection

8.1 Nitoproof 600 Standard should be cured for a minimum of 24 hours before placing protection.

8.2 Apply a dust coat of cement on the cured membrane to prevent adhesion to the board.

8.3 For exposed applications coat all exposed areas of Nitoproof 600 Standard with Brushbond TI Flexicoat to ensure maximum resistance to UV radiation.

9.0 Cleaning

9.1 Clean all tools and equipment with Fosroc Solvent 102, immediately after use.

Section C : Approval and variations

This method statement is offered by Fosroc as a 'standard proposal' for the application of Nitoproof 600 Standard. 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.