

method statement

Brushbond FLXIII

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>	:	Protective overalls
	:	Good quality gloves, goggles and face mask
<i>Preparation equipment</i>	:	Water jetting or
		Proprietary blasting equipment
<i>Mixing equipment</i>	:	1 KW slow speed drill, 400 or 500 rpm, plus
		Fosroc propeller agitator
<i>Application equipment</i>	:	Stiff brush
	:	Suitable spray equipment
		Roller

Application - points of note

Fosroc operates a policy to encourage the use, where possible, of approved or licensed applicators. This ensures that coatings are completed satisfactorily so that the long-term performance of the materials is assured. For contractors who wish to apply the materials themselves Fosroc is also able to offer technical assistance and training, either on-site or at its Training Centre in Dubai

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Section B : Application Method

1.0 Surface preparation

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

- 1.1 All surfaces should be free from contamination such as oil, grease, loose particles, decayed matter, moss, algal growth, laitance, and all traces of mould release oils and curing compounds. This is best achieved by lightly grit blasting the surface.
- 1.2 Treatment with a proprietary biocide should be carried out after the grit blasting, in areas where moss, algae or similar growths have occurred.
- 1.3 Spalled and deeply disintegrated concrete should be removed to sound concrete and repaired with a Fosroc's Renderoc repair system.
- 1.4 Pre-soak the substrate with potable water and ensure the substrate is in a damp condition before the application of Brushbond FLXIII begins.

2.0 Priming

- 2.1 Application of Brushbond FLXIII on hot substrates, i.e. over 40°C surface will need the application of a primer coat.
- 2.2 Brushbond FLXIII mixed with potable water in a slurry like consistency should be used as a primer.

3.0 Mixing

- 3.1 Pour Brushbond FLXIII liquid concentrate from plastic container into the metal drum provided.
- 3.2 Add the powder component gradually to the liquid to avoid lump formation and mix for 4 to 5 minutes.
- 3.3 Use the material within 1 hour (pot life) of mixing.
- 3.4 Keep mixing Brushbond FLXIII during the application.

4.0 Application

- 4.1 Surface to be treated with Brushbond FLXIII should be pre-soaked with clean water and should be damp during application.
- 4.2 Ensure correct rates of application are followed, to obtain best results.
- 4.3 Apply like a paint using short stiff brush, preferably 120 - 200mm width.
- 4.4 Apply two coats at 500microns thickness, to achieve Total wet film thickness 1mm.



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5.0 Hot substrate application

5.1 Brushbond FLXIII should be applied over the primer whilst it is still wet.

6.0 Porous substrate (Gypsum board) application

6.1 Before application on porous substrate like Gypsum board. Nitobond PVA should be applied in order to seal the surface properly.

7.0 Cleaning

7.1 Brushbond FLXIII must be removed from tools and equipment with clean water immediately after use. Hardened material can only be removed mechanically.

Section C : Approval and variations

This method statement is offered by Fosroc as a 'standard proposal' for the application of Brushbond FLXIII. 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.