Method Statement

Brushbond RFX

Section A : General Comments

High temperature working

It is suggested that, for temperatures above 35^{0}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

Protective clothing	:	*Protective overalls*
	:	*Good quality gloves, goggles and face mask*
Preparation equipment	:	*Electric or pneumatic breaker*
Mixing equipment	:	*1 KW slow speed drill, 400 or 500 rpm, plus Fosroc propeller agitator*
Application equipment	:	*Stiff brush*
	:	*Suitable spray equipment*

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.

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 dry and 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 repair system.

1.4 All surfaces to be treated with Brushbond RFX **MUST** be pre-soaked with clean water.

2.0 Priming

2.1 Application of Brushbond RFX on hot substrates, i.e. over 40°c surface will need the application of a primer coat.

2.2 Brushbond RFX mixed with potable water in a slurry like consistency should be used as a primer.

3.0 Mixing

3.1 Pour Brushbond RFX from plastic container into the metal drum provided.

3.2 For Brush application, mix powder component to liquid component using a propeller agitator attached to a slow speed drill (500 rpm).

3.3 For spray application, the nozzle size should be 3-4mm and pressure of 6-8 bars should be used.

3.4 While mixing, ensure that the powder component is added gradually to the liquid to avoid lump formation and mix for 2 to 4 minutes.

3.5 Mix material usable within the pot life.

3.6 Keep mixing Brushbond RFX during the application.

4.0 Application

4.1 Surface to be treated with Brushbond RFX should be pre-soaked with clean water and should be touch dry during application.

4.2 Ensure correct rates of application are followed, to obtain best results.

4.3 For brush applications, short stiff brush, preferably 120 - 200mm width is best suitable.

4.4 Apply the number of coats as specified

4.5 Areas subjected to light foot traffic should receive at least 1mm thickness of Brushbond RFX and 2mm should be applied if conditions are moderate to heavy pedestrian traffic.

5.0 Spray application

5.1 In hot climatic conditions, spray application is the best for exterior decorative finishes.

5.2. Correct mixing ratio has to be maintained to obtain satisfactory consistency.

5.3 The spray equipment should have a nozzle size of 3-4mm and pressure of 6-8 bars, to obtain optimum consistency.

6.0 Hot substrate application

6.1 Brushbond RFX should be applied over the primer whilst it is still wet.

7.0 Cleaning

7.1 Brushbond RFX must be removed from tools and equipment with clean water immediately after use.

Section C : Approval and variations

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