

method statement

Nitomortar FC(B)

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.
- (v) Where mixing water is required in the application of a product, it is advised to maintain such water at a maximum of 20°C

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>	:	Wire brush
	:	Proprietary blasting equipment
	:	Proprietary Degreaser
<i>Mixing equipment</i>	:	Measuring jug
	:	1 KW slow speed drill, 400 or 500 rpm
	:	+ Fosroc MR4 mixing paddle
	:	+ suitably sized mixing vessel, for single bag mixing
<i>Application equipment</i>	:	Hand application trowel Or
	:	Scraper Or
	:	Filling knife
	:	Finishing sponge

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Application - points of note

Fosroc operates a policy to encourage the use, where possible, of registered applicators, since the long-term performance of the materials is dependent upon proper application. 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.

Section B : Application Method

1.0 Surface preparation

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

- 1.1 The surface of the substrate should be thoroughly cleaned to remove all traces of dust, oil, paint, curing compounds, grease, corrosion deposits, algae or any unsound material which might affect subsequent bond between Nitomortar FC(B) and the substrate.
- 1.2 Oil and grease deposits are best removed by steam cleaning, detergent scrubbing or the use of a proprietary degreaser.

2.0 Mixing

- 2.1 Care should be taken to ensure that Nitomortar FC(B) is thoroughly mixed to produce a fully homogeneous, trowellable mortar.
- 2.2 The hardener and base components should be stirred thoroughly in order to disperse any settlement before mixing them together.
- 2.3 The entire contents of the hardener and base can should be emptied into the mixing vessel and thoroughly mixed for 3 minutes. The two components should be mixed in 1:1 ratio
- 2.4 **Under no circumstances** should part packs be used.

3.0 Application

- 3.1 Due to the easy workability of the product, the mixed material can be taken directly from the mixing vessel or subdivided onto spot boards for individual applicators.
- 3.2 Apply the mixed Nitomortar FC(B) to the substrate using any of the application instruments; such as trowel, scraper, filling knife and squeegee.
- 3.3 Nitomortar FC(B) can be overcoated with epoxy coatings after a minimum curing period of 24 hours.

4.0 Cleaning

- 4.1 Nitomortar FC should be removed from tools with Fosroc Solvent 102, immediately after use.



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Section C : Approval and variations

This method statement is offered by Fosroc as a 'standard proposal' for the application of Nitomortar FC (B). It remains the responsibility of the Customer to determine the correct method for any given application. Where alternative methods are to be used, these must be submitted to Fosroc for comment, in writing, prior to the commencement of any work.