

Cemfair Method Statement

(Single-component acrylic-modified cementitious fairing coat containing migrating corrosion inhibitors)

Section A : General Comments

General

- (i) **Cemfair** can be applied in a single application from 1 mm to 10 mm.
- (ii) **Cemfair** is recommended to be used when the ambient temperature is between 5°C and 35°C.
- (iii) The area to be repaired should be marked on the structure.

Equipment

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

Protective clothing	:	Protective overalls
	:	Good quality gloves
Equipment	:	Slow speed mixer fitted with large mixing paddle
	:	Graduated cylinder
	:	Clean empty drum (25 litre)
	:	Stainless steel trowel

Section B : Application

1.0 Surface Preparation

- 1.1 All surfaces should be clean, sound and free from dust, loose particles, unsound materials, curing compounds and any other contaminants.
- 1.2 The prepared area should be cleaned thoroughly by brush and/or compressed air.
- 1.3 Cracks should be marked and cut into 6 mm v-grooves shape.
- 1.4 The prepared area should be soaked with water immediately prior to the application of **Cemfair**.
- 1.5 In case of hot climate or severe drying conditions, repeated soaking may be necessary to ensure the substrate is still saturated at the time of application.
- 1.6 In case of any oil and grease deposits, surfaces must be degreased using degreasing products, steam cleaning, or any other suitable method which assures the surface is free from any oil traces.

*Note: No independent primer is required before the application of **Cemfair**.*



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2.0 Mixing

- 2.1 To ensure proper mixing, a mechanically powered mixer or drill fitted with suitable paddle to be used.
- 2.2 5.0 - 6.0 litres of clean water for each 25 kg bag should be added to a clean container. The powder is then added slowly to the water while mixing continuously with low speed mixer/drill (400 - 600 rpm).
- 2.3 Mixing time should be continued for 3 minutes until uniform consistency is obtained.

3.0 Application

- 3.1 **Cemfair** should be applied on the prepared surface using a stainless steel trowel.
- 3.2 The mixed mortar can be applied at thicknesses between 1 to 10 mm.
- 3.3 **Cemfair** should be allowed to partially set before final trowelling to a smooth surface.

4.0 Curing

- 4.1 Generally, **Cemfair** does not require curing. However, in adverse conditions such as windy weather or high ambient temperatures, supplementary curing with **Setseal 6** or wet hessian with polythene sheeting should be used.

Section B : Approval and variations

This method statement is offered by DCP as a 'standard proposal' for the application of **Cemfair**. 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 DCP for approval, in writing, prior to commencement of any work. DCP will not accept responsibility or liability for variations to the above method statement under any other condition.



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