

Cemfair PF100 Method Statement

(Crack filling polymer modified cementitious fairing coat repair mortar)

Section A : General Comments

General

- (i) Cemfair PF100 can be applied in a single application from feather edging to 10 mm.
- (ii) Cemfair PF100 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:

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

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 PF100.

Note: No independent primer is required before the application of Cemfair PF100

2.0 Mixing

- 2.1 To ensure proper mixing, a mechanically powered mixer or drill fitted with suitable paddle to be used.
- 2.2 5.75 - 6.75 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 PF100 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 PF100 should be allowed to partially set before final trowelling to a smooth surface.

4.0 Curing

- 4.1 Generally, Cemfair PF100 does not require curing. However, in adverse conditions such as windy weather or high ambient temperatures, supplementary curing with Setseal A should be considered.

Section B : Approval and variations

This method statement is offered by DCP as a 'standard proposal' for the application of **Cemfair PF100**. 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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