

## Cemfair 2C Method Statement

### (Two component polymer modified cementitious fairing coat and cosmetic repair mortar)

#### Section A : General Comments

##### General

- (i) Cemfair 2C can be applied in a single application for sections between 2 - 10 mm.
- (ii) Cemfair 2C shall be used when the ambient temperature is between 5°C and 50°C. Cold water should be used to prevent mixed materials temperature exceeding 32°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 and goggles</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>Wooden and steel trowel</i>

#### Section B : Application

##### 1.0 Preparation

- 1.1 The edges of all repairs will be cut by angle grinder or similar procedure to produce a 2 mm minimum thickness, No feathered edges will be accepted in any repair work.
- 1.2 The predetermined areas shall be broken out to remove all defected or honey combed concrete.
- 1.3 The prepared surface must be sound, dense, and free of all oil, grease, loose and fractured aggregate or other contaminants that could impair adhesion.
- 1.4 Thoroughly saturate the surface of the concrete to provide a saturated, surface dry condition. Any standing water on flatwork should be removed prior to application of the mortar.
- 1.5 No independent primer is required.



## 2.0 Mixing

- 2.1 Hand mixing with trowel or similar of Cemfair 2C is not allowed. A variable speed mixer with large mixing paddle should be used.
- 2.2 Pour the entire content of the white liquid component into the pre-wetted mixing drum. Start the mixer and add the Cemfair 2C powder rapidly and continuously. Mix for 4 - 5 minutes after all the powder has been added until the mortar is homogeneous and lump free.

## 3.0 Application

- 3.1 Where Cemfair 2C mortar is trowel applied it must be forced into the prepared substrate ensuring intimate contact and good compaction.
- 3.2 The surface of the placed mortar shall be leveled using a wooden flat. Final finishing may be done with a wooden, plastic or steel trowel, depending upon the finish required.

## 4.0 Curing

- 4.1 Curing is not normally required however, curing using wet hessian and polyethylene is highly recommended.

### Section C : Approval and variations

This method statement is offered by DCP as a 'standard proposal' for the application of **Cemfair 2C**. 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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