

Cempatch Primer M Method Statement

(Cementitious bonding slurry and steel reinforcement primer with corrosion protection)

Section A : General Comments

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 suitable mixing paddle</i>
	:	<i>Mixing container (15 litre)</i>
	:	<i>Stiff brush</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 regular profile with a minimum depth of 10 mm, No featheredges will be accepted in any repair work.
- 1.2 The predetermined areas shall be broken out to remove all detected 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 Exposed steel reinforcements should be grit blasted or wired brushed to a bright finish to ensure that they are free from any contaminations.
- 1.5 Substrates should be pre-soaked with clean water prior to the application of cementitious repair mortar.

2.0 Mixing

- 2.1 For best results, drill mixer fitted with suitable paddle should be used for mixing.
- 2.2 2.5 litre of clean water should be added to a clean container for each 8 kg bag of Cempatch Primer M.
- 2.3 Slowly add Cempatch Primer M to the clean water while mixing continuously at low speed (i.e. 300 - 500 rpm) until smooth uniform consistency is achieved.



expertise



quality



full range



3.0 Application

3.1 As a steel reinforcement primer:

3.1.1 Using a stiff brush, apply a continuous layer of Cempatch Primer M at 1.0 mm thickness.

3.1.2 Allow the first coat to reach initial set (i.e. 4 - 5 hours at standard conditions) prior to the application of a second layer at 1.0 mm thickness.

3.2 As bonding agent slurry:

3.2.1 Using a stiff brush, apply a thick coat of Cempatch Primer M to a pre-soaked prepared substrates.

3.2.2 The subsequent repair mortar should be applied while the applied coat of Cempatch Primer M is still tacky. Do not apply the repair mortar on dry layer of the primer.

3.2.3 If priming coat dries before subsequent application, roughen the dry coat before applying further coat of Cempatch Primer M slurry.

4.0 Cleaning

4.1 All tools should be cleaned **immediately** after use with fresh clean water. Hardened materials should be cleaned mechanically.

Section C : Approval and variations

This method statement is offered by DCP as a 'standard proposal' for the application of **Cempatch Primer M**. 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.

