

Quickmast 201EJ Method Statement

(High strength repairing and bedding epoxy concrete)

Section A : General Comments

Equipment

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

<i>Personal protection</i>	:	<i>Protective overalls</i>
	:	<i>Good quality gloves, goggles and face mask</i>
<i>Mixing equipment</i>	:	<i>Slow speed electric drill</i>
	:	<i>Clean empty bucket (25 litre)</i>
	:	<i>Creteangle mixer</i>

Section B : Application

1.0 Preparation

- 1.1 The surface of the substrate should be free from oil, grease and any other contamination.
- 1.2 Concrete surfaces should be dry and suitably prepared either by scabbling or grit blasting to remove any undesired surfaces.
- 1.3 Steel surfaces should be grit blasted to remove all rust and scale.

2.0 Priming

- 2.1 Surfaces must be primed with Strongcoat Primer prior the application of Quickmast 201EJ.
- 2.2 The primer should be applied while the surface is wet, ensuring a continuous film of resin over the surface.

Notes:

- *Quickmast 201EJ should be applied directly after the application of the primer and before the primer starts to gel on the substrate.*
- *Quickmast 201EJ should not be applied at temperatures below 5°C.*

3.0 Mixing

- 3.1 Transfer the entire contents of the hardener container into the resin container and mix for 2 minutes until a homogeneous uniform is obtained using a mixer attached to a slow speed electric drill.
- 3.2 Add the mixture to a separate container or Creteangle mixer, add the filler gradually and mix for 2 minutes until a homogeneous uniform is obtained.
- 3.3 **Under no circumstances** should part bags be used.



expertise



quality



full range



4.0 Application

- 4.1 Quickmast 201EJ should be applied by first tamping followed by troweling before the primer coat has hardened.
- 4.2 To avoid sagging, apply Quickmast 201EJ in a maximum thickness of 12 mm on vertical surfaces and 50 mm on horizontal surfaces.

Note: If the mortar has been allowed to harden, the surface should be abraded and a further coat of Strongcoat Primer to be applied.

5.0 Curing

- 5.1 Allow 24 hours after applying the final coat for full curing before foot traffic at 25°C.
- 5.2 Full mechanical and chemical properties are achieved after 7 days at 25°C.

6.0 Cleaning

- 6.1 Uncured material should be removed from tools with DCP Solvent, **immediately** after use. Cured material should be removed mechanically.

Section C : Approval and variations

This method statement is offered by DCP as a 'standard proposal' for the application of **Quickmast 201EJ**. 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.