

Quickmast 108 Method Statement (Epoxy bonding agent for concrete)

Section A : General Comments

High temperature working

The following measures should be adopted if the ambient temperatures exceeding 35°C:

- (i) Unmixed materials and equipment should be stored in cool place and away from direct sunlight.
- (ii) Plan for enough material, tools and labours to avoid any stoppage during the application process.
- (iii) Avoid application through peak temperatures of the day, arrange for temporary shading as required.

Equipment

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

<i>Protective clothing</i>	:	<i>Gloves, goggles, face mask and protective overalls</i>
<i>Mixing equipment</i>	:	<i>Slow speed mixing drill and mixing paddle</i>
<i>Application equipment</i>	:	<i>Short haired paint brush</i>

Section B : Application

1.0 Preparation

- 1.1 The substrate should be sound, clean and free from any laitance, grease, dirt and oil or any materials could affect the bond.
- 1.2 Suitable Mechanical method such scabbling, chipping/grit blasting or any equivalent method should be used to remove any existing weak or deteriorated concrete.

Note: If the surface is contaminated by oil or grease, it is recommended to consult our technical department to advice for the suitable method for removing the contamination.

2.0 Mixing

- 2.1 Quickmast 108 has a maximum overlaying time of 9 hours at 25°C and 5 hours at 40°C.
- 2.2 Quickmast 108 - S has a maximum overlaying time of 18 hours at 25°C and 10 hours at 40°C.
- 2.3 This should allow for subsequent works such as steel reinforcement fixation and shutter erection.



expertise



quality



full range

3.0 Application

- 3.1 Each independent area of application should have sufficient materials, equipment and labours.
- 3.2 Quickmast 108 should be applied immediately after mixing using a short haired paint brush.
- 3.3 The material should be painted evenly across the whole surface and left until it becomes tacky before the new concrete, screed or mortar is placed.
- 3.4 The new concrete, screed or mortar should be applied within the overlay time of the product.

Notes:

- If temperature of the material is less than 12°C, it is needed to elevate their temperature to 25°C before the application.
- And if the ambient and the substrate temperature is less than 5°C, don't use the material.
- Also, at high temperatures (35°C and above), cooling the material is needed before the application. And try not to make the application in the middle of the day or under direct sunlight.

4.0 Cleaning

- 4.1 Tools and equipment can be cleaned with **DCP Solvent** when it is wet. Cured and dried 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 108**. 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.