

Quickmast 341 Method Statement (Solvent-free high strength epoxy paste)

Section A : General Comments

Equipment

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

Protective clothing	:	Protective overalls
	:	Good quality gloves
Equipment	:	Slow speed mechanical mixer
	:	Grit blasting machine
	:	Clean empty container
	:	Stainless steel trowel

Section B : Application

1.0 Preparation

- 1.1 The surface must be structurally sound, free from oil, grease and other forms of 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 Mixing

- 2.1 To ensure proper mixing, a mechanically powered mixer should be used.
- 2.2 The entire content of hardener shall be added to the base and mix well until a uniform consistency and colour are obtained.
- 2.3 For small quantities (less than 1 kg) hand mixing can be done by hand but care should be taken to ensure homogenous mixing.
- 2.4 In cold weather, it is recommended to store the containers are stored in a warm environment before use.

Note: Under no circumstances should part mixing carried out.

3.0 Application

- 3.1 For bonding concrete sections, an even coating of product should be applied to both surfaces and these brought together under light pressure.



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- 3.2 Any excess paste which exudes from the joint should be removed and the joint trowelled to a neat finish.
- 3.3 Where Quickmast 341 is to be used as a bonding primer in the vertical or overhead position, an even layer of Quickmast 341 should be applied to the surface and worked well in to ensure good contact.
- 3.4 The material to be bonded should then be placed after approximately 30 minutes at standard conditions.
- 3.5 For patch repairs, Quickmast 341 should be applied to the surface and finished to levels. A smooth surface will be aided by wetting the trowel sparingly with Quickmast solvent.
- 3.6 Quickmast 341 can be applied to cracks or in accessible areas by means of a sealant gun.
- 3.7 While the material is wet, brush out any ridges left by the trowel.

Note: Quickmast 341 should not under any circumstance be exposed to water before final set.

4.0 Curing

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

5.0 Cleaning

- 5.1 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 **Quickmast 341**. 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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