

Quickmast 141 Method Statement (Two-component, solvent-free flooring epoxy putty-filler)

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</i>
<i>Equipment</i>	:	<i>Slow speed mechanical mixer</i>
	:	<i>Grit blasting or mechanical grinding machine</i>
	:	<i>Clean empty container</i>
	:	<i>Stainless steel trowel</i>

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 Mechanical grinding of the concrete floor is recommended for removing all surface contaminants.

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 Mixing of 1 kg packs can be done by hand but care must be taken to ensure homogenous mixing. In cold weather, mixing will be aided if the containers.
- 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 Application can be carried out by a steel trowel or putty knife or scraper.
- 3.2 Press firmly the mixed mortar into the area to be filled to ensure proper adhesion and full contact.

- 3.3 Any excess paste which exudes from the joint should be removed and the joint trowelled to a neat finish.
- 3.4 Quickmast 141 should be applied to the surface and finished to levels. A smooth surface will be aided by wetting the trowel sparingly with Quickmast solvent.
- 3.5 While the material is wet, brush out any ridges left by the trowel.

Notes:

- *Quickmast 141 should not under any circumstance be exposed to water before final set. Quickmast 141 should never be applied in direct sunlight.*
- *Quickmast 141 has a working time between 1.5 – 3.0 hours at 25°C.*
- *Mixed material should not be left standing for any length of time prior to application, as this will considerably reduce its working time.*

4.0 Curing

- 4.1 Allow 24 hours after applying the final coat for full curing before foot traffic at 20°C.
- 4.2 The area repaired with Quickmast 141 can be over-coated with an epoxy or polyurethane coating after it achieves its initial cure, typically after 20 hr @ 20 - 25°C.
- 4.3 Full mechanical and chemical properties are achieved after 7 days at 20°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 141**. 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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