

Quickmast PRM Method Statement (Rapid setting polyester resin mortar)

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, goggles, and face mask</i>
<i>Mixing equipment</i>	:	<i>Slow-speed electric drill fitted with a suitable paddle</i>
	:	<i>Clean empty bucket (25 ltr)</i>
<i>Application equipment</i>	:	<i>Steel float</i>

Section B: Application

1.0 Preparation

- 1.1 The surface of the substrate should be structurally sound, free from oil, grease, and any other contamination.
- 1.2 Concrete surfaces should be dry and suitably prepared by scabbling or grit blasting to remove any undesired surfaces.
- 1.3 Concrete surfaces must be degreased using degreasing products, torching, or any other suitable method which assures the surface is free from any oil traces.
- 1.4 Steel surfaces should be clean, and free from oil, grease, and other forms of contamination.
- 1.5 Steel surfaces should be cleaned and prepared thoroughly by blast cleaning or equivalent mechanical means

2.0 Mixing

- 2.1 To ensure proper mixing, a forced action mixer, drill fitted with a suitable paddle, or vigorous hand mixing with an appropriate tool should be used.
- 2.2 Ensure that the bottom and sides of Quickmast PRM resin pack are thoroughly scraped.
- 2.3 Transfer the entire content of the resin into a plastic container and start adding the filler slowly while mixing for approximately 3 minutes or until a uniform consistency is obtained.
- 2.4 **Under no circumstances** should part bags be used.

Note: Never mix Quickmast PRM by hand as this could lead to areas of uncured material.



expertise



quality



full range

3.0 Application

- 3.1 Place the mortar well into position using a suitable float at the required thicknesses.
- 3.2 A minimum thickness of 5mm and a maximum of 50 mm should be maintained.
- 3.3 Place the manhole frame onto the bedding mortar carefully to prevent voids in the bedding material under the frame.
- 3.4 Ensure that the frame is fully supported and not overhanging the mortar at any point.
- 3.5 Place the backfill material once the bedding mortar has reached its initial set.

Note: Quickmast PRM should not be applied at temperatures below 5°C.

4.0 Cleaning

- 4.1 Uncured material should be removed from tools with **DCP Solvent**, **immediately** after use.
- 4.2 Hardened 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 PRM**. 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.