



TARDIS MANUFACTURING CC t/a

# Advanced Cement

Manufacturers of elegant cemented wall & floor concepts

## Data sheet - Floor Prep Compound

### DESCRIPTION

Floor Prep Compound is a resin modified cement based mortar for the repair and smoothing of flooring systems not installed in an acceptable fashion.

### APPLICATION GUIDELINES

- Sweep area well to remove dust and loose concrete.
- Remove all dirt and grime by scrubbing with a strong grease removing detergent or scabble the concrete surface to remove any unsatisfactory surface defects. Inspect floor for soft pockets and remove as required.
- Repair deep holes by mixing aggregate (Supplied by Crete and coat) into Floor Prep Compound to increase volume and building strength.
- Allow these patches to dry out before continuing with the application of Floor Prep Compound. If in doubt of surface adhesion, apply Cemkey to the work surface continuously with the application of Floor Prep Compound to ensure proper adhesion. If surface is hard and solid, dampen the surface before application of Floor Prep Compound
- Application of Floor Prep Compound can commence and a mixing ratio of approximately 25kg to 4,5 to 5lt of Catalyst are used. Thickness of the mixture should be adjusted to suit the application
- Allow to dry and harden for 24 to 72 hours.
- Floors to be used as a final wearing surface may be opened to traffic the next day.
- Floor Prep Compound may be used indoors or outdoors in wet or dry areas. Wet areas should be allowed to dry after application. Once dry, the surface will be unaffected by water during subsequent wetting.
- For repairs up to 12mm, a kit can be mixed with a 12.5kg bag of Crete and Coat Floor Prep Compound Aggregate to increase volume and strength.

### PROPERTIES

- Batch volume: A mixture of one kit is approximately 15 litres
- Coverage : A kit mixes up to 15 litres which will cover 3m<sup>2</sup> at 5mm thickness.
- Curing time: 24 to 72 hours.
- Compressive strength : 35Mpa to 45Mpa depending on thickness of coating.
- Flexural strength: 10 Mpa
- Water Resistance : Water absorption is very low and therefore strength not affected by exposure to damp and water.
- Product packsize: A kit consists of 5lt white liquid and 25kg powder.

Reg Nr: 2014/197853/07	Vat Nr: Pending
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