



KWA-ZULU NATAL

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MULTI FAST SET MORTAR

Fast Setting Repair Mortar

Description

MULTI FAST SET MORTAR is designed specifically for quick setting repairs and screed applications. A combination of Portland and aluminate cements provides a controlled set to give high early strength with minimal down time for repairs to concrete substrates.

Typical Applications

MULTI FAST SET MORTAR provides a hard-wearing non-dusting surface for locations and facilities where repairs to concrete substrates or screeds are required in relatively short time to use.

Advantages

- Hard surface
- Improved impact resistance
- Fast Setting
- Reduced Shrinkage
- Reduced pin-holing
- Ease of application
- Excellent coverage
- Economical

Typical Properties

| | |
|-------------------------|--|
| Yield | 13.5 Litre kits |
| Coverage | 2.7m ² @ 5mm |
| Working Time | 10min |
| Hard Set Time | 30-40min |
| Time to sanding | 1-2 hours |
| Application Temperature | 15°C to 25 °C |
| Application Thickness | 0.5mm – 10mm |
| Compressive Strength | 15 MPa (1 days) 20 MPa (7 days) 35 MPa (28 days) |
| Water / 25Kg Bag | 5Lts |

Watch Points

- Do not re-constitute the mix after initial setting has occurred.
- Do not apply over floors recently heated via underfloor heating. Allow floors to cool before application.
- Apply minimum 10mm nominal screed thickness over underfloor heating elements.
- Colour of the screed surface on setting is not uniform in appearance.

TECHNICAL DATA SHEET



MULTI CONSTRUCTION CHEMICALS

www.mccsa.co.za

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Directions for Use

Surface Preparation:

Surfaces are to be clean, sound and free of deleterious substances. Remove all laitance, oil, grease, mould oil or curing compound from concrete surfaces using wire brush, bush hammer, scabblor or other plant as appropriate. When repairing damaged concrete, ensure that all loose concrete has removed down to a firm base. Note construction joints that need to be carried through the floor to surface.

Priming:

Prime floors with a slurry mix of cement and MULTI SCREED PRIMER. Allow for penetration into the substrate and remove any excess primer. MULTI FAST SET MORTAR can then be applied over the tacky primer but no later than 2 hours after drying of the primer.

Application:

Mix 5Lts clean water with 25Kg of MULTI FAST SET MORTAR well in a bucket using a mechanical mixer. Ensure all lumps have been broken up. Apply over the primed areas with a steel trowel to the required thickness. Smooth allow set hard. Sand with 100-120 grit sandpaper to remove high points and polish to a hard, dust free surface.

Equipment Care

All tools should be cleaned with water immediately after use. If delayed, equipment will need mechanical action to clean or be discarded.

Packing

Supplied in 25KG bags.

Quality Assurance

Multi Construction Chemicals South Africa (PTY) Ltd production and testing programs comply with all local and international testing standards.

REVISION: 3.1

The information supplied is believed to be reliable. As we do not have any control over the processing or application of the product we cannot guarantee the results to be obtained. Users assume all risks and liability resulting from the use of this product and must confirm the suitability thereof by conducting their own tests. No guarantee is expressed or implied. Liability is limited to the replacement of faulty material.

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