

KWA – ZULU NATAL

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**MULTI CONSTRUCTION
CHEMICALS**

www.mcc-sa.co.za

MULTI SELF LEVELLING FAST SET

A FAST SET SELF LEVELLING SCREED

DESCRIPTION

Multi Self Levelling Fast is designed specifically for applications where a smooth, hard surface is required in preparation for installation of carpets, vinyl, linoleum and other similar floor overlays.

TYPICAL APPLICATIONS

Multi Self Levelling Fast Screed provides a hard-wearing non-dusting coloured floor surfaces for the following locations and facilities

- House Floor Applications
- Garages
- Warehouses
- Hospitals
- Bakeries
- Car Parks
- Schools
- Factory Floors

ADVANTAGES

- Fast Setting
- Extremely hard surface
- Improved impact resistance
- Self-levelling
- Reduced shrinkage
- Reduced pin-holing

TYPICAL PROPERTIES

Colour on setting	Light grey
Drying time	3-4 hours
Time to sanding	6-8 hours
Application thickness	0,5 mm to 10 mm
Initial setting time	20 min
Working time	10-12 min
Compressive strength	30 mpa
Flexural strength	4 MPa minimum
Water requirement	3.5 - 3.8lt bag
Yield on 20 kg	12 liters per bag

WATCH POINTS

- Do not reconstitute 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 10 mm nominal screed thickness over underfloor heating elements.
- Colour of the screed surface on setting is not uniform in appearance.
- Deep holes in the substrate must first be filled with MULTIGROUT CEM 60.

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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 all loose concrete has been removed down to a firm base. Fill deep holes with MULTIGROUT CEM 60. Note construction joints that need to be carried through the floor to the surface.

Priming: Prime floors with MULTI SCREED PRIMER. Allow for penetration into the substrate and remove any excess pooling of primer. MULTI SELF LEVELLING FAST can then be applied over the tacky primer or after the primer has been allowed to dry, but no later than 12 hours after drying of the primer. Do not apply over wet pooled primer as this will create runs in the screed and surface discolouration.

Mixing: Mix 3.5 litres clean water with 20 kg of MULTI SELF LEVELLING FAST well in a bucket using a mechanical mixer. Ensure all lumps have been broken up.

Self-Levelling Application: Pour over the primed areas and pin rake or trowel out as required. Within the working time of the product, spike roll stubborn lines to promote a smooth, level finish. Allow 3-4 hours to set hard. Sand with a 100-120 grit sandpaper to remove high points and polish to a hard, dust free surface after 6-8 hours.

EQUIPMENT CARE

All tools should be cleaned with water immediately after use. If delayed, the use of soap and coarse wire wool may help.

PACKAGING

Supplied in 20 kg MULTI SELF LEVELLING FAST bags.

QUALITY ASSURANCE

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

UPDATES

This data sheet supersedes all previous issues prior to 17 Jan 2018 (Rev. 2).