



MAX PREP

LEVEL-IT L25

Levelling and Smoothing Compound



Universal | Suitable for most floor coverings
Easy to install | 2.5mm to 25mm in one application
Mixing ratio | 4.5 litres of water to 20kg powder
Coverage | 20kg bag covers 4m² at 3mm thickness

DESCRIPTION

MJS LEVEL-IT L25 is a uniquely formulated cementitious underlayment for repairing internal cement floors prior to applying floor finishes. MJS LEVEL-IT L25 is suited for levelling new and existing concrete substrates in large commercial and retail areas.

SUITABLE SUBSTRATES

MJS LEVEL-IT L25 is designed for levelling internal dry concrete slabs.

SURFACE PREPARATION

Concrete floors must be solid, clean and free of dirt, dust, wax, grease, asphalt, latex compounds, curing and sealing compounds and any other surface contaminant. Mechanically prepare the floor using recommended preparation methods such as shotblasting, scarifying, diamond grinding, shaving or other suitable methods to provide a roughened, clean, sound, solid and open porous surface.

Acid etching is not an acceptable method of cleaning the subfloor. Do not use solvents or sweeping compounds.

Subfloors must be dry (AS 1884) and properly primed for successful installation. Subfloor temperatures must be a minimum of 10°C.

PRIMING

Use ARDEX P 51 over standard concrete floors prior to the installation of MJS Maxprep levelling compounds. Mix 1 part ARDEX P 51 with 2 parts water and apply evenly using a push broom. Do not use paint rollers, mops, or spray equipment. Do not leave any bare spots. Brush off all puddles of excess primer. Allow to dry to a thin, clear film (min. 3 hours, max. 24 hours). Very absorbent concrete may require two applications of primer to avoid pinholes and bubbling in the levelling compound. In such cases, make the initial coat 1 part ARDEX P 51 diluted with 3 parts water. Allow to dry and install a second coat of 1 part ARDEX P 51 diluted with 1 part water. Allow to dry to a thin, clear film (min. 3 hours, max. 24 hours).

MIXING RATIO

4.5 litres of water to 20kg of MJS LEVEL-IT L25 powder.

MIXING

MJS floor levelling products react and harden very quickly when mixed with water. Thorough mixing in the shortest time is essential to ensure the powder and water are evenly dispersed throughout the mix to obtain a lump-free mortar. Always mix the powder into the water. Concrete mixers and hand mixing are not suitable methods.

The most efficient method of mixing is by using a mixing paddle and a heavy-duty electric drill (650 rpm). Mix for 2 to 3 minutes for a 20kg using an electric drill or paddle.

APPLICATION

Pour the mixed MJS LEVEL-IT L25 onto the prepared subfloor. Wear football boots with rubber or nylon studs to avoid leaving unnecessary marks in the liquid MJS LEVEL-IT L25. Do not rework MJS LEVEL-IT L25 after 10 minutes.

For ease and efficiency of application MJS LEVEL-IT L25 can be pumped using a suitable Automatic Mixing Pump.



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Follow the instructions as set by the pump manufacturer.

THICKNESS

MJS LEVEL-IT L25 can be applied from 2.5mm to 25mm in one application.

BULKFILL APPLICATION

MJS LEVEL-IT L25 can be mixed with well washed and dried 2-5mm aggregate for applications of 10mm to 40mm. A maximum ratio by weight of aggregate to MJS LEVEL-IT L25 shall be 1:1. First mix MJS LEVEL-IT L25 powder with 4.2L of water, continue mixing while adding aggregate gradually until the aggregate is thoroughly and evenly mixed.

Note: Adding aggregate will modify the flow and consequently the smoothing and self levelling properties of MJS LEVEL-IT L25.

COVERAGE

A 20kg bag will cover approximately 4m² at 3mm thickness.

DRYING-HARDENING

MJS LEVEL-IT L25 with a 5mm layer will harden after approximately 3 hours at 23°C and can be walked on after this time. Hardening and drying time will be extended in cooler climates, and shortened in warmer climates. Thicker layers will also extend drying times.

MJS LEVEL-IT L25 is ready for conventionally laid carpet, floating floors and vinyl after 24 hours. Tiling can commence once walkable.

TECHNICAL DATA

Bulk density of powder: 1.3 kg/litre
Density of fresh mortar: 2.0 kg/litre

COMPRESSIVE STRENGTH

After 28 days: approx. 30 MPa

TENSILE BENDING STRENGTH

After 28 days: approx. 10 MPa

STORAGE

MJS LEVEL-IT L25 has a shelf life of 12 months if stored in dry conditions in unopened packaging.

SAFETY DATA

This product may cause irritation and an allergic reaction to the skin. It may cause serious eye injury and irritation to the respiratory system. In case of contact with the eyes rinse with running water until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes. Wear protective gloves, clothing, eye and face protection. Avoid inhaling dust/fumes/gas/mist/vapours/spray. Ensure adequate ventilation during mixing and application. Store locked up. Check with your local Council regarding the disposal of contents, dispose of packaging thoughtfully and recycle where possible. Keep out of the reach of children.

Call the Poisons Information Centre on 131 126 (AUS) and 0800 764 766 (NZ) or call a doctor if you feel unwell. Contact MJS for the Safety Data Sheet (SDS).



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