



MAX PREP

# LEVEL-IT L10

## Levelling and Smoothing Compound



**Application** | Cementitious underlayment for repairing internal cement floors

**Easy to install** | 2.5mm to 10mm in one application

**Mixing ratio** | 4.5 litres of water to 20kg powder

**Coverage** | 20kg bag covers 4m<sup>2</sup> at 3mm thickness

### DESCRIPTION

MJS LEVEL-IT L10 is a uniquely formulated cementitious underlayment for repairing internal cement floors prior to applying floor finishes.

### SUITABLE SUBSTRATES

MJS LEVEL-IT L10 is designed for installation over internal, dry, concrete substrates. Do not use for installations over timber, steel decking or subfloors subject to vibration.

### SURFACE PREPERATION

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 clean the floor using recommended preparation methods such as shot blasting, 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 P51 over standard concrete floors prior to the installation of MJS Max Prep levelling compounds. Mix 1 part ARDEX P51 with 2 parts water and apply evenly using a bristle 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 P51 diluted with 3 parts water. Allow to dry and install a second coat of 1 part ARDEX P51 diluted with 1 part water. Allow to dry to a thin, clear film (min 3 hours, max 24 hours).

### MIXING RATIO

Add 4.5 litres of water to 20kg of MJS LEVEL-IT L10 powder.

### MIXING

Thorough mixing in the shortest possible time is essential to ensure a lump free mortar. Always mix the powder into the water. The most efficient method of mixing is by using a mixing paddle and a heavy duty electric drill (650rpm). Mix for 2 to 3 minutes for a 20kg bag. Concrete mixers and hand mixing are not suitable methods of mixing. To 4.5 litres of water, add the MJS LEVEL-IT L10 (20kg) whilst mixing thoroughly.

### MANUAL INSTALLATION

Pour the mixed MJS LEVEL-IT L10 onto the prepared subfloor and spread in place using a stand-up spreader or hand trowel. Use a gauging tool with height adjustment to obtain an even thickness. Use a smoother for smoothing, feather edging and touch up. Do not rework the MJS LEVEL-IT L10 after 10 minutes. Wear football boots with rubber or nylon studs to avoid leaving marks in the liquid MJS LEVEL-IT L10.



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## PUMPING INSTALLATION

For ease and efficiency of application, MJS LEVEL-IT L10 can be pumped with an approved Automatic Mixing Pump.

## THICKNESS

MJS LEVEL-IT L10 can be applied from 2.5 – 10mm in one application without aggregate.

## DRYING TIME

Allow approximately 2 to 3 hours at 20°C, before foot traffic. Conventionally laid carpet and floating floors can be installed after 24 hours. Direct stick applications such as vinyl flooring after 48 hours.

## COVERAGE

Approximately 1.7kg powder/mm/m<sup>2</sup>. A 20kg bag will cover approximately 4m<sup>2</sup> at 3mm thickness.

## TECHNICAL DATA

Bulk density of powder 1.2kg/L  
Density of fresh mortar 2.0kg/L

## COMPRESSIVE STRENGTH

After 28 days 30MPa

## TENSILE BENDING STRENGTH

After 28 days 10MPa

## STORAGE

MJS LEVEL-IT L10 has a shelf life of 12 months when stored in the original unopened packaging in a dry place at 23°C and 50% relative humidity.

## 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. May cause cancer. 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. Additional information is in the Safety Data Sheet (SDS). Contact MJS for the Safety Data Sheet (SDS).

At times, updates can occur to data. To ensure you have the most current technical and safety information, please consult the latest data sheets found on the product page at [www.mjsfloorcoverings.com.au](http://www.mjsfloorcoverings.com.au).



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