



MAX PREP

# LEVEL-IT L10

## Levelling and Smoothing Compound



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

**Easy to install** | 2.5mm to 6mm in one application

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

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

The perfect solution for under carpet and carpet tile installations

### PRODUCT USE

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.

### BEFORE INSTALLATION

Concrete floors must be solid, clean and free of 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 P 51 over standard concrete floors prior to the installation of MJS Max Prep levelling compounds. Mix 1 part ARDEX P 51 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 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).

### HOW TO MIX

Add 4.5 litres of water to 20kg of MJS Level-It L10 powder. 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). Normal mixing time of a 20kg bag is 2 to 3 minutes. 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 the stand-up spreader or hand trowel. Use a gauging tool with height adjustment to obtain an even thickness. Use a smoother for smoothing, featheredging 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.

### PUMPING INSTALLATION

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



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### SPECIFIC APPLICATIONS

MJS Level-It L10 is suitable for residential and light commercial areas less than 300m<sup>2</sup> in total. MJS Level-It L10 can be used over heated subfloors. For this application, use in conjunction with ARDEX E 25 resilient emulsion. Reduce the mixing water to 3.5 litres and add 1.6 litres of ARDEX E 25. Contact ARDEX Technical Services for detailed information on these types of applications.

### THICKNESS

MJS Level-It L10 can be applied from 2.5 – 6mm 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  
Weight of fresh mortar 2.0kg/L

### COMPRESSIVE STRENGTH

After 28 days 30MPa

### TENSILE BENDING STRENGTH

After 28 days 30MPa

### STORAGE

MJS Level-It L10 has a shelf life of 12 months if stored in dry conditions in unopened packaging.

### HEALTH AND SAFETY

MJS Level-It L10 contains Portland cement and Quartz sand. Avoid generation of dust. Do not inhale dust. Avoid contact with eyes or skin. Wear suitable protective gloves and safety glasses. In case of contact with eyes, rinse opened eye for several minutes under running water. In case of contact with skin, rinse effected areas thoroughly with running water. If dust is inhaled, remove to fresh air, ensure breathing passages are clear, and rinse mouth with running water. If symptoms persist, seek medical advice. Material Safety Data Sheets are available on request.



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