

SUPER LEVEL 30

HIGH PERFORMANCE SELF-LEVELLING COMPOUND

Characteristics:

- SL30 is a self levelling cementitious underlayment intended for interior use.
- It is formulated for preparation of concrete subfloors prior to the installation of timber, vinyl, carpet and tile floor coverings.
- It is suitable for underfloor heating systems, however for specific instruction on use in this application, contact your nearest technical representative.
- It can be laid up to 12mm in a single application.
- The specially selected polymers and cements in Super Level 30 produce a fast-setting underlayment with exceptional adhesion to most prepared surfaces.

Preparation:

- Subfloor must be free of oil, grease, wax, curing compounds, dust, old adhesive and any other contamination which may inhibit bond.
- Diamond Grinding, Shot Blasting or Scarifying are the preferred methods of preparation for large areas.
- Note – Concrete floors must be dry in accordance with NZS/AS1884 – 2013 (70% RH maximum).
- Where temperatures less than 10°C or greater than 30°C are encountered contact technical staff for specific advice.
- Priming with **Universal Primer** is essential to ensure good adhesion and reduce pin holes of the underlayment.

Mixing:

- The mixing ratio for SL30 is 5L of clean water to 20kg of SL30 powder.
- SL30 should be mixed using a drill fitted with a suitable mixing paddle.
- Add 5L of water to a bucket and slowly add the SL30 powder while mixing.
- Mix continuously for 3-5 minutes, until the mix is entirely lump-free.
- Do not overwater as this will promote bleed and separation with a reduction in bond and tensile strength.

Application:

- Apply the mixed compound to the primed substrate using a screed bar or trowel to give the required thickness.
- Maximum thickness in one application is 12mm. SL30 levels itself in the first 10 minutes @ 15 – 20°C.
- Do not attempt to rework the material after 10 minutes.
- SL30 is not for external use.
- Not to be used in immersed situations like swimming pools/spas etc.

Clean Up:

- Clean all equipment immediately after use with water.

Packaging:

- Super Level 30 is available in a 20kg Bag.

Storage:

- Super Level 30 is a cement based product which must be stored in a dry area off the ground and out of direct sunlight.

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TECHNICAL DATA

Coverage per 20kg

- Approximately 12m² to 14m² @ approx 1mm thick or 4m² to 4.5m² @ 3mm thick depending on texture of substrate.

Compressive strength @ 20°C

- 1 day – 12 MPa
- 7 days – 24 MPa
- 28 days – 30 MPa

Flow / work time

- 10 minutes

Initial set time

- 1 hour @ 20°C
- Can be walked on in 2-4 hours

Ready for floor coverings

- 24 Hours @ 3mm @ 20°C
- For impervious floor coverings such as, PVC, rubber and parquet floor coverings, allow SL30 to completely dry (minimum 24 hours)

Thickness

- Feather edge to maximum 12mm

SAFETY & HANDLING

- Hazardous according to the criteria of NOHSC.
- Contains cement silica.
- Wear gloves and mask when handling.
- Wash hands thoroughly after use.
- MSDS available on request



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