

EXTERIOR LEVELLER 16

HIGH PERFORMANCE SELF-LEVELLING COMPOUND

Characteristics:

- Roberts 16 is a highly water resistant, self smoothing, self levelling cementitious compound specifically designed for repairing and resurfacing both interior and exterior concrete surfaces.
- Roberts 16 can be applied as an over or underlayment when installed 3mm or above.
- Formulated for preparation of concrete sub floors prior to installation of vinyl, carpet and tile floor coverings.
- It can be laid up to 15mm in a single application.
- The specifically selected polymers and cements in Roberts 16 produce an over or 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. Porous floors may require a second coat of **Universal Primer**.
- Roberts 16 is *not* recommended for immersed applications such as swimming pools, spas, ponds, etc.

Mixing:

- The mixing ratio for Roberts 16 is 6L of clean water to 20kg of powder.
- Roberts 16 should be mixed using a drill fitted with a suitable mixing paddle.
- Add 5L of clean water to a bucket and slowly add the 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. Roberts 16 levels itself in the first 10 minutes @ 15 – 20°C.
- Do not attempt to rework the material after 10 minutes.

Clean Up:

- Clean all equipment immediately after use with water.

Packaging:

- Roberts 16 is available in a 20kg Bag.

Storage:

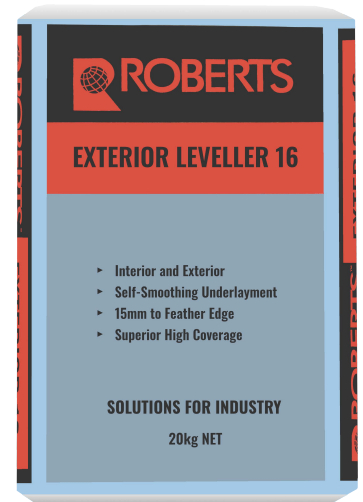
- Roberts 16 is a cement based product which must be stored in a dry area off the ground and out of direct sunlight.

HIGH PERFORMANCE SELF-LEVELLER

Up to 15mm per application

Suitable for external applications

Suitable for underfloor heating



TECHNICAL DATA

Coverage per 20kg

- Approximately 14m² to 16m² @ approx 1mm thick or 4m² to 5m² @ 3mm thick depending on texture of substrate.

Compressive strength @ 20°C

- 1 day – 8 MPa
- 7 days – 30 MPa
- 28 days – 46 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 Roberts 16 to completely dry (minimum 24 hours)

Thickness

- Feather edge to maximum 12mm in a single application.
- Can be built up to a maximum of 100mm over multiple applications.

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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