

R16 Exterior Leveller

Product Description

Roberts Exterior Leveller 16 is self-smoothing self leveling cementations compound specifically designed for repairing and re-surfacing of internal or external concrete substrates. Roberts Exterior Leveller 16 can be applied as an over or underlayment when installed 3mm or above. Specifically formulated for preparation of concrete sub floors prior to laying of vinyl, carpet and tile floor coverings.

The specifically selected cements and polymers contained in Roberts Exterior Leveller 16 produces an over or underlayment with exceptional adhesion to most prepared flooring materials. Roberts Exterior Leveller 16 has superior coverage, with 30% higher coverage from each bag.

Substrates

Roberts Exterior Leveller 16 can be applied internally or externally over concrete surfaces.

Note: Roberts's Exterior Leveller 16 is not recommended for immersed situations such as pools, spas, ponds etc.

Sub Floor Preparation

Sub floor must be free of oil, grease, wax, curing compounds, dust, old adhesive and any other contamination, which may inhibit bonding. Diamond grinding, shot blasting or scarifying is the preferred method of preparation for large areas to remove any contamination.

Note: Concrete floors must be dry in accordance with A.S.2455.1-2007 Appendix A and B- referring to site information and determining dryness and alkalinity of subfloor. Where temperature less than 5°C or greater than 30°C is encountered, contact our technical staff for specific advice.

Priming**

Priming with Primer 41 is essential to ensure good adhesion and reduce air release from substrate, which causes pinholes of underlayment. Very absorbent concrete may require a second coat of Primer 41.

Non-Porous Floors

Such as ceramic tiles, terrazzo, painted or epoxy surfaces and sealed or burnished concrete floors should be primed using Roberts 34 Super Primer.

Mixing

Roberts Exterior Leveller 16 should be mixed using a drill and suitable paddle.

Use 1 bag (20kg) Exterior Leveller 16 with 6L of clean water. Slowly add ½ the bag of powder to the water while mixing thoroughly and then add remainder of the bag to the mix. Mix for 3-5 minutes to obtain a Lump free mixture.

Note: Do not over water, 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 applied in any one application should be limited to 15mm. Roberts Exterior Leveller 16 can be applied using bucket poured method or pumped.

Exterior Leveller 16 self-smoothes itself in first 10 minutes. Do not attempt to rework material after 10 minutes.

Clean up

Clean all equipment with water immediately after use.

Packaging

Exterior Leveller 16– 20 kg bags

Primer 41 – 5 and 20 lt containers

Storage

Exterior Leveller 16 is a cement-based product, which must be stored in a dry area off the ground. Out of direct sun light.

Typical Properties

Coverage: Approximately 14 sqm to 16 sqm at approximately 1mm thick depending on texture of the substrate.

Compressive Strength at 20°C:
1 Day - 8 MPa
7 Days - 30 MPa
28 Days - 46 MPa

Flow/Work Time: 10 minutes
Initial Set Times: 1 hour at 20°C. Can be walked on in 2-4 hrs.

Ready for floor coverings: 24 hours at 3mm at 20°C.

Thickness

Maximum 15 mm, however if thickness greater than 15 mm, a clean 4-6 mm aggregate may be added to promote economy. (Contact RLA Polymers for further technical information).

Adhesive

Roberts flooring adhesives have been tested and recommended for use with Exterior Leveller 16.

All Statements and technical information contained herein are based on tests we believe to be reliable but the accuracy thereof is not guaranteed. Users assume all the risks and liability resulting from the use of this product and must confirm the suitability hereof by their site tests. Conditions of Sale contain a limited warranty against manufacturing defects.

Safety & Handling

Material Safety Data Sheet available upon request.

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The application, use and processing of our products is the responsibility of the user. Any technical or other advice, information or data provided by us, whether verbally, in writing or by way of trials or tests, is given without guarantee or warranty. Refer to Material Safety Data Sheets for information on Storage & Handling, Health and Safety, and Transport.

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