



Exterior Leveller 16

Product Description

- Exterior Leveller 16 is a self-smoothing self levelling cementitious compound specifically designed for repairing and resurfacing of both interior and exterior concrete surfaces.
- Interior: Suitable to level and prepare floors prior to the installation of ceramic tiles, wood, vinyl, carpet etc.
- It can also be used as a trafficable surface in commercial situations as it is able to withstand direct foot traffic.
- Exterior: Suitable for repairing or resurfacing exterior concrete if installed 3mm or thicker.
- Exterior Leveller 16 can be coloured by using a small amount of powdered oxide pigment.
- The specially selected cements and polymers contained in Exterior Leveller 16 produces exceptional adhesion properties and provides up to 20% more coverage per bag than other standard products.
- Suitable for underfloor in slab heating once mixed with the following ratio of RLA Uniflex Additive.
- Use this same mix for on slab heating but minimum build must be 10mm above top of element.
(1.5L Uniflex Additive: 4.5L Clean water)

Substrates:

- Exterior Leveller 16 is principally designed for interior or exterior concrete surfaces.
- Exterior Leveller 16 is not recommended for immersed situations such as pools, spa's, ponds etc. or on flexible flooring.

Preparation:

- Substrate must be free of paint, oil, grease, wax, curing compounds, dust, old adhesive and any other contaminants which may inhibit bond.
- Diamond grinding, shot blasting or scarifying is the preferred method to remove contamination in large areas.
Note: Concrete floors must be dry in accordance with AS/NZS 2445.1:2007 Appendix A 70% Relative humidity maximum.
- Where temperatures less than 5°C or greater than 30°C are encountered, contact RLA technical staff for specific advice.

Priming

- A primer must be used in all instances.
- Porous Floors:
Prime all porous floors with RLA Uniprime to ensure good adhesion and reduce "pinholing" in the finished product. Very absorbent concrete may require a second coat of RLA Uniprime.
- Non-Porous Floors:
Prime all non-porous floors such as ceramic tiles, terrazzo, epoxy surfaces and sealed or burnished concrete floors using RLA Universal Primer.

Interior & Exterior

Self Smoothing Underlayment

15mm to Feather Edge

Superior high coverage



Mixing:

- Exterior Leveller 16 should be mixed using a drill and mixing paddle.
- Mix one 20kg bag Exterior Leveller 16 with 6 litres of clean water.
- Put 6 litres of clean water in a container and add the bag of powder while mixing thoroughly, then add the remainder of the bag.
- 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, stir and then apply the adhesive onto the substrate.

Application:

- Apply the mixed compound to the primed substrate using a bar or trowel to give the required thickness.
- Exterior Leveller 16 can be manually poured or pumped.
- Exterior Leveller 16 self-smoothes in the first 10 minutes, we advise against trying to rework the material after 10 minutes.
- Exterior Leveller 16 can be levelled up to 15mm in one application but for deeper application or for larger areas, where it is more economical to do so, aggregate may be added to the mixed compound. We recommend using a clean 46mm aggregate (no fines) with no more than 5kg aggregate per 20 kg bag Exterior Leveller 16.
- Note: The addition of aggregate will affect the flow characteristic of Exterior Leveller 16 and it may be necessary to reduce the water component of the mix by up to 1litre and to apply a second to achieve a smooth finish.

- Remember to prime before applying second coat.
- Where it is desirable to create a fall or slightly ramp the product we recommend reducing mixing water ratio back to 4.5 litres per 20kg bag and to allow for shorter working time with the mix.

Clean up:

- Clean all equipment with water immediately after use.

Coverage:

- Approximately 14 sqm to 16 sq m @ approx 1mm thick or 6 / 7sq m@ approx 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 Times

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

Ready for floor coverings

- 24 hrs @ 3mm @ 20°C

Thickness

- Feather edge to maximum of 15mm.

Packaging/Shelf Life:

- Exterior Leveller: 16 or 20kg bags.
- RLA Uniprime: 20 litre and 5 litre containers.
- RLA Universal Primer: 5 and 20 litre kits.

Storage

- Exterior Leveller 16 is a cement-based product, which must be stored in a dry area off the ground and out of direct sun light.
- Storage Life is approximately 12 months.

Safety Directions:

- Hazardous according to the criteria of NOHSC, contains cement silica.
- Wear gloves and mask when handling.
- Wash hands thoroughly after use.
- Material safety data sheets are available upon request.

Manual Handling:

- Manual handling of this bag without due care and attention may result in personal injury.

Disclaimer: The information supplied is to the best of our knowledge true and accurate. The actual application of the product is beyond the manufacturers control. Any failure or damage caused by the incorrect usage of the product is not the responsibility of the manufacturer. The manufacturer insists that all workmanship must be carried out in accordance with AS 3958.1-2007. It is also the responsibility of the end user to ensure that the literature in their possession is the latest issue.



www.rlapolymers.com.au

TECHNICAL ENQUIRIES TOLL FREE No.1800 752 679

Head Office:

215 Colchester Rd,
Kilsyth, VIC 3137
Ph: (03) 9728 1644
Fax: (03) 9728 6009

NSW:

363 Wentworth Ave,
Pendle Hill, NSW 2145
Ph: (02) 9636 7444
Fax: (02) 9636 7688

Queensland:

25 Computer Rd,
Yatala, QLD 4207
Ph: (07) 3807 4022
Fax: (07) 3807 4755

South Australia:

Blade Runner Distributors
2 Seaforth Ave,
Somerton Park, SA 5044
Ph: (08) 8358 5200
Fax: (08) 8358 5300

Western Australia:

Ph: 1800 242 931

New Zealand:

67 Dalgety Dr,
Manukau City
Auckland, NZ
Ph: 649 267 2772