



UNILEVEL

Characteristics:

- RLA Uni Level is an internal levelling cementitious underlayment, specifically formulated for preparation of concrete sub floors prior to the laying of floor coverings.
- The specially selected cements and polymers contained in Uni Level produces a fast setting underlayment with exceptional adhesion to most prepared flooring materials.

Sub Floor Preparation:

- Sub floor must be free of oil, grease, wax, curing compounds, dust, old adhesive and any other contaminations, which may inhibit bond.
- 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. 1884 -1985 appendix.
A 70% Relative humidity maximum.
- Where temperatures less than 10°C or greater than 35°C are encountered, contact our technical staff for specific advice.

Priming

- Priming with Universal Primer is essential to ensure good adhesion and reduce air release from substrate, which causes bubbling of the underlayment.
- Very absorbent concrete may require a second coat of Universal Primer.
- Non - Porous Floors such as ceramic tiles, terrazzo, painted or epoxy surfaces and sealed or burnished concrete floors should be primed using Universal Primer.

Mixing:

- Uni Level should be mixed using a drill and suitable paddle.
- Use 1 bag (20 kg) Uni Level with 5 ltr of clean water.
- Slowly add the bag of powder to the water while mixing thoroughly, and then add remainder of bag.
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 can be up to 50mm.
- Uni Level has a work time of approximately 10 minutes.
- Do not attempt to rework material after 10 minutes.
- Uni Level is not for external use.
- Not to be used in immersed situations like swimming pools/spas etc.

Clean up:

Clean all equipment with water immediately after use.

Coverage:

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

Internal Use Only

Self Smoothing Underlay

Feather Edge to 50mm

Excellent Adhesion to Concrete Surfaces



Storage:

- Uni Level is a cement based product, which must be stored in a dry area off the ground and out of direct sun light.

Packaging/Shelf Life:

- Uni Level - 20 Kg bags
- Uni Level has a shelf life of 12 months.
- Universal Primer - 1 ltr and 5 ltr containers.

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.

Compressive Strength @ 20°C

- 1 day- 6.9 MPa
- 7 days - 22.8 MPa
- 28 days - 39.8 MPa

Flow / work time

- 10 minutes

Initial Set Times

- 2 hours @ 20°C

Ready for floor coverings

- 24 hrs @ 3mm @ 20°C

Thickness

- Feather edge to maximum of 50mm.

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.



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