

R30 Super Level Compound

Description

Roberts Super Level 30 Levelling compound is a polymer modified cementitious self levelling compound formulated for the preparation of internal and external Concrete subfloors.

It is formulated with self levelling properties and will cure to provide a smooth even finish It can be applied internally onto concrete substrates prior to the application of carpets, vinyls, resilient flooring, linoleum, laminated floating floor systems, direct stick timber floor applications, and ceramic tiles for commercial and domestic installations..

It is suitable for external concrete subfloors applications as an underlayment for ceramic tiles, a wear surface for garages and repair underlayment for pathways and outdoor entertaining areas. It is not recommended for immersed situations such as pools, ponds etc. Please see Notes and Precautions for further information.

Surface Preparation

Subfloors must be dry, sound, smooth, clean and in accordance with the relevant Floorcoverings Australian Standards.

Subfloors must also be free of wax, grease, oil, polishes, old adhesive, curing compounds, high levels of moisture and any other surface contaminants that may affect adhesion. If mechanical preparation is required prepare the floor using recommended preparation methods such as shot blasting, scarifying, diamond grinding, to provide a roughened, clean, sound, solid and open porous surface.

The minimum subfloor temperature before commencing installation should be 10°C

Do not use solvents, or acid etching to clean the subfloor.

Concrete floors must be dry sound, smooth and clean, in accordance with relevant Floorcoverings Australian Standards. For subfloors that display high moisture levels it is recommended an RLA Moisture Barrier be applied.

Where temperatures are less than 5°C or greater than 35°C are encountered, contact our technical staff for advice.

Priming

Prime concrete floors with Roberts Universal Primer

Porous Substrates:

Absorbent concrete surfaces, Mix 1 Part Roberts Universal Primer with 3 Parts clean water. Apply using a roller, brush or broom, ensuring entire area is completely primed and allow to cure. Highly absorbent or porous surfaces may require a second coat of Universal Primer to avoid pinholes.

For the preparation of Timber Floors apply Roberts Universal Primer in neat format. Allow primer to dry to a clear film (approx. 2 hours @ 25°C)

Non- Porous Substrates:

For use over non- porous substrates such as ceramic tiles, painted surfaces (water based only) and sealed or burnished concrete floors. Apply an even layer of Roberts Universal Primer neat (undiluted to non porous substrates). Allow primer to dry to a clear film (approx. 2 hours @ 25°C). Once Primer is a tack free clear film, only then can Roberts levelling compounds be applied over the primer.

Please ensure substrates such as ceramic tiles, sealed or burnished floors have no coatings or curing compounds residing on the surface before the application of primer.

For extremely non porous, hard and tight substrates it is recommended that a light grind or sand be conducted to enhance adhesion.

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.

RLA POLYMERS PTY LTD

ACN 004 709 915

215 Colchester Road, Kilsyth, Victoria 3137 Australia

P.O. Box 147, Kilsyth, Victoria 3137 Australia

Telephone: (03) 9728 1644 • Facs/mile: (03) 9728 6009

E-mail: info@rlapolymers.com.au • Web: www.rlagroup.com.au



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Mixing Ratio:

R30 Levelling compound should be mixed using a drill and suitable mixing paddle. Mix one 20kg bag of R30 with 4.7 - 4.9 litres of clean water. Slowly add ½ the bag of powder to the water while mixing thoroughly, then add remainder of bag to mix. It is essential to ensure the powder and water are evenly mixed for 3-4 minutes and the water is dispersed to obtain a lump free mix.

Do not over water as this will promote bleed and separation with a reduction in bond and tensile strength.

Note: For the Preparation of Internal Timber Floors, mix one 20kg bag of R30 with 3.7 litres of clean water and 1.0 litre of Roberts 45 Additive.

Application:

Apply the mixed compound to the primed substrate using a gauge rake, stand up spreader or trowel to give the required thickness. Do not rework after 10 minutes.

Larger installations can also be pumped using an appropriate mixing pump.

Minimum application of R30 as a wearing surface is 5mm, it is recommended a sealer be applied for protection and stain resistance.

Minimum application of R30 subjected to heavy traffic is 15mm.

Initial Set time:

When applied from 2-6mm can be walked in approximately 2-3 hours at 20°C after pour. Installations of floorcoverings can take place 18-24 hours after application.

Thickness:

Can be applied from 2mm to 30mm thickness in one application.

Coverage: 20kg bag will approximately cover	
Thickness	Area per m2
2mm	Approximately 6 m2
5mm	Approximately 2.4 m2
10mm	Approximately 1.2 m2
20mm	Approximately 0.6 m2

Compressive Strength		
Age (Days)	Compressive Strength MPa	Flexural Strength MPa
1	12	4
3	18	5
7	27	9
28	35	10.5

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Notes and Precautions:

- Drying times can be extended when levelling compound is applied in cold ambient temperatures. Thicker layers will also extend drying times
- Do not allow to come in contact with water before or after the curing process
- Not recommended for immersed situations such as pools, ponds etc.
- Don't not apply in direct sunlight.
- Do not apply over expansion joints as reflective cracking may occur
- Allow 3-4 days cure for applications excepting vehicle traffic
- For heavy duty traffic a minimum of 15mm is recommended.
- It is recommended a sealer is applied for internal /external wear surface applications.
- Not recommended for Particleboard floors
- Point Loading is not recommended
- Not recommended as the primary product for the installation of footpaths.

Storage:

To be stored in a dry area off the ground and out of direct sunlight.
It has a shelf life for 12 months

Clean Up

Clean tools immediately after use with water

Safety & Handling

Do not breathe dust. Wear suitable respiratory protection.

Use in well ventilated areas.

Avoid contact with skin and eyes. Wear eye protection and suitable gloves and clothing.

Do not eat, drink or smoke while using this product.

Take off contaminated clothing and wash before reuse.

If on skin wash with plenty of soap and water.

If in eyes: rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

If Inhaled remove victim to fresh air and keep at rest in a position comfortable for breathing.

If any skin or eye irritation persists or you feel unwell get medical attention.

Safety Data Sheet is available upon request.

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Warranty Statement

RLA Polymers guarantees this product against manufacturing defects and guarantees it to be manufactured to our published specification.

We certify that when fully cured this product is suitable for use and will perform as described in our technical data sheet or other published materials.

RLA Polymers will replace product free of charge when purchased from any legally verifiable source, and where product is proven to have been stored, handled and installed according to instructions published on our packaging and within the stated shelf life. The installation of all materials must be carried out in accordance with the relevant Australian Standard and the Floorcovering Manufacturers instructions and the floorcoverings must have been subject to normal traffic conditions.

Warranty doesn't apply if damage, loss, failure to follow instructions or other circumstances are out of our control.

Sufficient time and access to investigate any complaint must be accorded to RLA Polymers.

The consumer is responsible for any expenses incurred in making a claim.

A claim form can be requested by:

Phone: 1800 242 931

Email: info@rlapolymers.com.au

Mail: 215 Colchester Road Kilsyth Victoria 3137 (attn Customer Services)

Australian Consumer Law

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage.

You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

The benefits under our warranty are in addition to other rights and remedies available to the consumer under the law in relation to the goods and services to which the warranty relates.

Disclaimer

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 risk and liability resulting from the use of the product and must confirm the suitability thereof by their own tests.

Conditions of Sale contain a limited warranty against manufacturing defects.

Issued: August 2016

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