



GRANDE LEVELLER

High Build Levelling Compound



DESCRIPTION:

ROBERTS GRANDE is a high-build self-levelling compound with excellent flow properties formulated for self-levelling differences from 3mm to 100mm in thickness on new or existing internal concrete substrates.

It develops smooth and even surfaces with high levels of mechanical resistance, ensuring the subsequent installation of floor coverings including carpet, carpet tiles, resilient coverings, ceramic tiles, timber flooring and floating floors.

It is ready to accept most floor coverings after approximately 24-36 hours

Roberts Grande is pumpable for ease of installation

TECHNICAL CHARACTERISTICS:

Roberts Grande is a grey powder with a unique rapid setting and hydrating cement, blended with graded silica sand, resins and special additives.

Roberts Grande was developed in Australia at RLA research laboratories.

RECOMMENDED USE:

- Roberts Grande is suitable for applying carpet, carpet tiles, vinyl and resilient coverings, ceramic tiles, timber flooring and floating floor finishes.
- Installations of Timber Floor coverings can take place 36 hours after application.
- When installing hardwood timber flooring onto a concrete substrate, the levelling must be no less than 3mm.
- Internal use only
- Roberts Grande is suitable for covering under-floor heating systems; check with the underfloor heating manufacturer's recommendations before proceeding with the installation.

CLASSIFICATION ACCORDING TO EN 13813:

The material properties of Roberts Grande are classified as CT-C30-F7

SURFACE PREPARATION:

Substrates must be dry, sound, clean, and per the relevant National, State, and Local Building codes, including applicable Australian Standards.

Substrates 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 methods such as shot blasting and diamond grinding to provide a roughened, clean, sound, and open porous surface.

Thoroughly vacuum loose material and dust.

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

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

For resilient installations, relative humidity and pH readings must be carried out on the concrete substrate as outlined in the Australian Standard 1884-2021.

For substrates that display high moisture levels, RLA recommends that [RLA MOISTURE SEAL](#) is applied before the Installation of Roberts Grande

If temperatures are less than 5°C or higher than 35°C, please contact the RLA Technical department for further details.

PRIMING:

Prime substrates with [ROBERTS R48 UNIVERSAL PRIMER](#)

POROUS SUBSTRATES:

Mix one (1) part [Roberts R48 Universal Primer](#) with two (2) parts of clean water.

Apply an even film using a roller or brush, ensuring the entire area is covered and allowed to cure.

Highly absorbent or porous surfaces may require a second coat of [Roberts R48 Universal Primer](#) to avoid pinholes.

NON-POROUS SUBSTRATES:

Substrates such as ceramic tiles to have no coatings or sealing compounds on the surface before applying primer. Coatings, curing, and sealing compounds must be mechanically removed from concrete substrates.

Apply an even layer of Roberts R48 Universal Primer neat (undiluted to non-porous substrates).

Allow the primer to dry (approx. 2 hours @ 23°C).

Once Primer is a tack-free transparent film, products can be applied over the primer

Examples of Non-Porous Substrates:

Burnished Concrete, Ceramic Tiles, Liquid Waterproofing membranes,

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

Determining whether a substrate is **POROUS** or **NON-POROUS**, pour water from a bottle or a dropper forming a puddle onto the substrate surface, the size of a 10-cent coin. If the water absorbs into the substrate in less than *ONE (1) minute*, the substrate is **POROUS**. If the puddle remains, the substrate is **NON-POROUS**.

ATSM F3191-16 Standard Practice for Field Determination of Substrate Water Absorption (Porosity) for Substrates

MIXING RATIO:

Mix one 20kg bag with 4.2-4.4 litres of clean water.

Mix Roberts Grande levelling compound with a drill and suitable mixing paddle.

Slowly add the powder to the water while mixing at a low speed. It is essential to ensure the powder and water are mixed evenly for approximately three (3) minutes and that the water has dispersed to obtain a lump-free mix. Do not overwater, as this will promote bleeding and separation with a reduction in bond and tensile strength.

DO NOT MIX BY HAND & DO NOT ADD EXCESS WATER

APPLICATION:

Apply in one coat from 3mm to 100mm.

Apply the mixed compound to the primed substrate using a gauge rake, stand-up spreader at the required height adjustment, or trowel on a slight incline to obtain the necessary thickness.

Installations can also be pumped using an appropriate mixing pump.

The mixed quantity must be used within 15 minutes at a temperature of 23°C

Due to its self-levelling properties, Roberts Grande will quickly develop a smooth finish and even surface.

SETTING TIMES:

When applied will harden after 3–4 hours at 23°C and can be walked on after this time.

The levelling coat will be ready to receive the application of carpets, carpet tiles, vinyl and resilient coverings, floating floors and tiled floor coverings fixed with adhesives after 24 hours at 23°C

Installations of Timber Floor coverings can take place 36 hours after application.

(time may vary depending on temperature and humidity).

COVERAGE:

4m² per 20 kg bag at 3mm thick.

CLEAN UP:

Clean tools immediately after use with water.

Do not pour mixed Roberts Grande down drains, which will cause blockages.

Pour any leftover mix into an empty bag of

Roberts Grande and discard once the product has set hard.

SHELF LIFE / STORAGE:

12 months when stored in original unopened packaging

Stored in a dry area off the ground

PACKAGING:

20kg bags

HEALTH & SAFETY:

For information and advice on the safe handling, first aid, storage and disposal of chemical products, users must refer to the most recent Safety Data Sheet (SDS) containing physical, ecological, toxicological and other safety-related data.

NOTES & PRECAUTIONS:

- Drying times are extended when applied in cold ambient temperatures.
- Do not allow Roberts Grande to come into contact with water during or after the curing process.
- Do not apply to substrates subject to rising dampness.
- **INTERNAL USE ONLY.**
- Do not apply an overcoat until Roberts Grande is completely dry.
- Do not apply over expansion joints, as reflective cracking may occur.

PRODUCT INFORMATION:	
Colour	Grey
Bulk Density (kg/dm ³)	1.34
Wet Density (kg/dm ³)	=2.1
Shelf life	12 months
Packaging	20kg
VOC – GEV Emission	EC1 Plus
Coverage – 20kg Bag	2.4m ² at 5mm.
APPLICATION DATA 23°C AT 50% RH:	
Mixing Ratio	4.2-4.4litres of water
Open Time	30-40 minutes
Setting Time	2-3 hours
Temperature Range	From +5°C to +35°C
Maximum Thickness	100mm
Foot traffic	3-4 hours
Waiting time before subsequent bonding	24-36 hours
pH of Mix	Approximately pH 12

PERFORMANCE DATA:	
FLEXURAL STRENGTH N/mm2 EN 13892-2	
1 day	> 3
3 days	> 4
7 days	> 5
28 days	> 6
COMPRESSIVE STRENGTH N/mm2 EN 13892-2	
1 day	> 13
3 days	> 21
7 days	> 25
28 days	> 30
ABRASION RESISTANCE G-EN 12808-2	
28 days	≤ 150
SURFACE HARDNESS N/mm2 EN 13892-6	
28 days	> 50

COMPATIBILITY:

Roberts Grande is compatible with the Roberts range of moisture seals, primers carpet, resilient, and timber adhesives.

WARRANTY STATEMENT:

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

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

RLA Polymers will replace the product free of charge when purchased from any legally verifiable source and where a product is proven to have been stored, handled, and install 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 relevant Australian Standards.

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
(Attention Customer Service)

WEBSITE: www.rlapolymers.com.au

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.