

# ECONOMIA

## Trade Levelling Compound



### **DESCRIPTION:**

ROBERTS ECONOMIA is rapid drying self-levelling compound with excellent flow properties formulated for levelling differences from 1 to 20 mm in thickness on new or existing internal concrete substrates. It develops a smooth and even surface with high levels of mechanical resistance, ensuring the subsequent installation of floor coverings

### **FEATURES & BENEFITS**

- Excellent Flow
- Thickness 1mm – 20mm
- Rapid Drying
- Floor Coverings 24 hours after application
- Pump application

### **RECOMMENDED USE:**

Once dry suitable for the application of vinyls, carpets, linoleum, floating floors, timber flooring and tile floor finishes. It is ready to accept most floor coverings after approximately 18-24 hours and allows for quick and reliable installation.

Roberts Economia is pumpable and for internal applications and suitable for underfloor and heating systems.

Installations of Timber floorcoverings can take place 48 hours after application.

When installing hardwood timber flooring onto a concrete substrate, the levelling must be no less than 3 mm.

### **CLASSIFICATION ACCORDING**

#### **TO EN 13813:**

The material properties of Roberts Economia is classified as CT-C30-F6 according to EN

### **SURFACE PREPARATION:**

Substrates must be dry, sound, clean, and prepared in accordance with the relevant Floorcoverings 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 substrates that display high moisture levels, it is recommended that [RLA MOISTURE SEAL](#) is applied before the Installation of ROBERTS ECONOMIA. Contact RLA Technical Department for further details.

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

### **APPLICATION:**

Apply in one coat from 1mm to 20mm.

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 GENERALE will quickly develop a smooth finish and even surface.



## **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 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 ECONOMIA 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.**

## **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 application of vinyls, carpets and tile floor coverings fixed with adhesives after 24 hours at 23°C (time may vary depending on temperature and humidity).

## **CLEAN UP:**

Clean tools immediately after use with water.

## **SHELF LIFE / STORAGE:**

12 months when stored in original unopened packaging  
Store in a dry area off the ground

## **COVERAGE:**

4m<sup>2</sup> at 3mm thick

## **NOTES & PRECAUTIONS:**

- Do not allow ROBERTS ECONOMIA to come into contact with water during or after the curing process.
- Do not apply to substrates subject to rising dampness.
- Drying times are extended when applied in cold ambient temperatures.
- Not Suitable for particle board flooring.
- Do not apply over expansion joints, as reflective cracking may occur
- If applying over ceramic tiles and other non-absorbent substrates it is recommend too apply a minimum of 3-4mm coating to ensure a water based adhesive can wet out correctly.

## **INTERNAL USE ONLY**



Quality  
ISO 9001

SAI GLOBAL

ROBERTS GENERALE

Version:01

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NANPAO

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**TECHNICAL DATA:**

PRODUCT INFORMATION:	
Colour	Grey
Bulk Density (kg/dm <sup>3</sup> )	~1.46
Wet Density (kg/dm <sup>3</sup> )	~2.0
Shelf life	12 months
Packaging	20kg
VOC – GEV Emission	EC1 Plus
Coverage – 20kg Bag	It will cover approximately 4m <sup>2</sup> at 3mm.
APPLICATION DATA 23°C AT 50% RH:	
Mixing Ratio	4.2-4.4 litres of water
Open Time	30 minutes
Setting Time	3-4 hours
Temperature Range	From +5°C to +35°C
Maximum Thickness	20mm
Foot traffic	2-3 hours
Waiting time before subsequent bonding	18-24 hours
pH of Mix	Approximately pH 12
PERFORMANCE DATA:	
FLEXURAL STRENGTH N/mm <sup>2</sup> EN 13892-2	
1 day	> 3
3 days	> 4
7 days	> 5
28 days	> 6
COMPRESSIVE STRENGTH N/mm <sup>2</sup> EN 13892-2	
1 day	> 10
3 days	> 18
7 days	> 25
28 days	> 30
ABRASION RESISTANCE g-EN 12808-2	
28 days	< 150
SURFACE HARDNESS N/mm <sup>2</sup> EN 13892-6	
28 days	> 50

**COMPATIBILITY:**

ROBERTS ECONOMIA is compatible with the ROBERTS range of moisture seals, primers, and ROEBRTS carpet, resilient and timber adhesives.

**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 it before reuse.
- If on the skin, wash with plenty of soap and water.
- If in the eyes: rinse cautiously with water for several minutes.
- Remove contact lenses; if present, continue rinsing.
- If inhaled, remove them to fresh air and keep them at rest in a position comfortable for breathing.
- If any skin or eye irritation persists or you feel unwell, get medical attention.

**The Safety Data Sheet is available upon request.**

**FIRST AID:**

If poisoning occurs, contact a doctor or Poisons Information Centre.

Skin: Wash off with warm water and soap.

If swallowed, DO NOT induce vomiting. Give a glass of water.

For advice or if you feel unwell, contact a Poisons Information Centre: Australia ph. 131126, New Zealand ph. 0800 764 766 or a doctor at once.

If swallowed, do NOT induce vomiting.

IF SWALLOWED, immediately call the Poisons Information Centre or a doctor.

IF ON SKIN Remove immediately all contaminated clothing and wash skin with soap and water.

If skin irritation occurs, get medical advice/attention.

IF IN EYES Rinse carefully with water for several minutes.

If eye irritation persists, get medical advice/attention.

**ACCREDITATION:**



### **WARRANTY STATEMENT:**

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

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 installed according to instructions published on our packaging and within the stated shelf life. The installation of all materials must be carried out per the relevant Australian Standard and the Floorcovering Manufacturer's instructions; the floorcoverings must be 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](mailto:info@rlapolymers.com.au)

**MAIL:** 215 Colchester Road Kilsyth Victoria 3137 (Attention Customer Service)

**WEBSITE:** [www.rlapolymers.com.au](http://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 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.