

TruLevel EconoScreed Rapid

Rapid Hardening and Drying screed for flooring



DESCRIPTION:

RLA TRULEVEL ECONOSCREED RAPID is a premium-grade polymer-enhanced cementitious compound designed for high-performance screeding and rendering applications in critical areas. The unique polymer formulation allows.

RLA TRULEVEL ECONOSCREED RAPID maintains high strength at low builds, with excellent water resistance. RLA TRULEVEL ECONOSCREED RAPID is ideal for use in areas subject to continuous moisture and reduces the risk of efflorescence associated with traditional sand/cement screed blends.

Conveniently available in premixed bags.

RLA TRULEVEL ECONOSCREED RAPID provides enhanced workability and superior finishes for new and remedial applications.

FEATURES AND BENEFITS:

- Easy, fast application
- Rapid hardening and drying
- Can be applied directly onto prepared concrete surfaces
- Eliminates the need for sand and cement screeds • Dimensionally stable- will not crack
- Excellent adhesion to prepared substrates
- Pre-blended, one-pack product eliminating on-site batching and ensures consistency of mixed product
- Australian Made
- Rapid repair of internal and external subfloors and concrete stairs and ramps
- Reduces downtime. Waterproofing compounds and most floor coverings can be applied on the same day.

SUBSTRATES:

Substrates suitable for application of RLA TRULEVEL ECONOSCREED RAPID include:

- Concrete
- Masonry
- Concrete Blocks

RECOMMENDED USE:

- Can be used in residential, commercial and any application where a rapid hardening of internal and external floor screed is required.
- Underlayment for floor coverings such as carpet, ceramic tiles, vinyl, parquetry etc.
- Fast repairs of uneven concrete floors.
- Residential, commercial, and medium industrial applications.
- Application thicknesses up to 200mm in a single application.
- New construction and refurbishment projects. Building up ramp areas before the application of floor coverings.
- As an in-situ shower base with required falls to drain.
- Ideal for building ramps or falls to floors.

SURFACE PREPARATION:

Surfaces must be prepared thoroughly before commencing application. All substrates must be structurally sound, smooth, stable, dry, and clean.

Rough surfaces and voids should be evened or filled first, and all brick/block surfaces should be pointed flush. All general surface defects are to be repaired.

Building surfaces must be constructed to the manufacturer's recommendations and relevant building standards in force at the time of membrane application.

All surfaces must be free of sharp protruding objects, loose material, de-bonded coatings, curing membranes/agents, release agents, wax residues, foreign particles, laitance, algae and moss grime, oils, animal fats, or grease remains. Structurally unsound layers and surface contaminants must be mechanically removed by abrasive blasting, blast tracking, grinding or equivalent methods.

For resilient installations, relative humidity and pH readings must be carried out on the concrete substrate as per [AS 1884-2021](#). If required, use [RLA MOISTURE SEAL](#). Where temperatures are less than 5°C or higher than 35°C, please contact RLA Technical department for further details.

PRIMING:

POROUS SUBSTRATES:

Use a brush or roller to prime the clean, dust-free concrete substrate with Universal Primer (3:1 dilution) for porous substrates. Allow the primer to reach a tacky consistency before applying EconoScreed Rapid. The approximate drying time of the primer is 20 - 30 minutes at 50% RH and 25 °C. Highly porous substrates such as weather-damaged slabs, aerated lightweight concrete etc., may require a second coat of primer to avoid pinholes or bubbles in the screed. If a second coat is needed, allow the first coat to dry before applying a consecutive coat. Ensure the primer is completely dry before the application of EconoScreed Rapid.

DO NOT APPLY TO AN UNPRIMED SURFACE.

NON-POROUS SUBSTRATES:

Apply an even layer of [RLA 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.

*To determine 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 1.5-1.7 litres of clean water.

Mixed with a forced action, high shear stirrer, powered by a heavy-duty electric mixing drill at approx. 600 rpm.

Add pre-measured water to a clean mixing bucket.

Gradually add RLA TRULEVEL ECONOSCREED RAPID into the water while mixing the bucket's contents.

When the entire contents of the bag have been added to the water, mix for a further two (2) minutes to produce a smooth homogenous consistency.

OPTIONAL MIXING EQUIPMENT:

- Rotating mixers.
- Centrifugal mixers.
- Normal job site mixers.
- Truck mixers.
- Automatic pressure pumps.

DO NOT MIX BY HAND & DO NOT ADD EXCESS WATER

APPLICATION:

Once mixed, spread the wet screed over the floor area to designated falls where required, using mortar trowel tools and equipment.

RLA TRULEVEL ECONOSCREED RAPID has a very short working time. It is advisable to mix up quantities that will be used within the working time, and it is recommended to work in small areas.

When filling holes and cracks, apply the RLA TRULEVEL ECONOSCREED RAPID into the hole well.

Ensure the ECONOSCREED RAPID comes into complete contact with the substrate by using firm pressure on the trowel. It is recommended to leave the repair proud of the hole or crack for about 10 minutes, then trim off the excess and finish off with a damp steel trowel.

As soon as the RLA TRULEVEL ECONOSCREED RAPID has hardened, the area can be levelled with [TRU LEVEL ECONO PRO](#) if required.

Working Time 30-60 minutes

COVERAGE:

1 x 20 kg Bag of RLA TRULEVEL ECONOSCREED RAPID will cover approximately 10m² @ 10mm thickness

RLA TRULEVEL ECONOSCREED RAPID can be installed to any thickness up to 200mm in a single application.

Please get in touch with RLA Technical department for further details.

Note: Coverage will vary based on surface porosity and surface condition, including roughness, evenness etc.

SETTING TIMES:

23°C / 50% R.H

Touch dry: 1.5-2 hours

Coverings: 4-6 hours Ceramic tiles

Resilient & Wood 24 Hours

CLEAN UP:

Clean tools immediately after use with water.

SHELF LIFE / STORAGE:

12 months when stored in original unopened packaging

RLA TRULEVEL ECONOSCREED RAPID shall be stored in a dry area off the ground.

NOTES & PRECAUTIONS:

- Drying times are extended when applied in cold ambient temperatures.
- Not recommended for use over timber or metal substrates.
- Not to be used in immersed environments as an exposed finish.

TECHNICAL DATA:

PRODUCT INFORMATION:	
Colour	Grey
Bulk Density (kg/dm ³)	1.4
Wet Density (kg/dm ³)	1.75
Shelf life	12 months
Packaging	20kg
Coverage – 20kg Bag	It will cover approximately 1.2m ² at 10mm.
APPLICATION DATA 23°C AT 50% RH:	
Mixing Ratio	1.5-1.7 litres of water
Open Time	30-60 minutes
Setting Time	1.5-2 hours
Temperature Range	From +5°C to +35°C
Maximum Thickness	200mm
Light Foot traffic	4 hours
Wait time for floor coverings	4-6 hrs ceramics 24 hrs Resilient & Wood
pH of Mix	Approximately pH 12
PERFORMANCE DATA:	
FLEXURAL STRENGTH N/MM2 EN 13892-2	
1 day	> 5
7 days	> 8
28 days	> 10
COMPRESSIVE STRENGTH N/MM2 EN 13892-2	
1 day	> 30
7 days	> 50
28 days	> 65

COMPATIBILITY:

RLA TRULEVEL ECONOSCREED RAPID is compatible with the RLA range of moisture seals, primers, carpet, resilient, timber, tile adhesives, RLA levelling Compounds and the RLA range of liquid and cementitious waterproofing membranes.

ACCREDITATIONS:

C65-F10

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 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 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.

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 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.

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.

Warranty doesn't apply if damage, loss, failure to follow instructions, or other circumstances are out of RLA Polymers 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](tel:1800242931)

EMAIL: info@rlapolymers.com.au

MAIL: [215 Colchester Road Kilsyth Victoria 3137 \(Attention Customer Service\)](mailto:info@rlapolymers.com.au)

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.