

TRU LEVEL RAPID PATCH

Slump Free Rapid Setting Repair Mortar



DESCRIPTION:

TRULEVEL RAPID PATCH is rapid drying, slump free repair mortar designed for repairing, levelling, and patching concrete substrates, forming ramps, repair or levelling of steps, landings and edges of pillars where very rapid hardening and drying are required. Suitable for internal substrates, the mortar rapidly develops to a smooth finish and a hardness with high levels of mechanical performance, ensuring the subsequent installation of floor coverings. It is ready to accept most floor coverings after approximately 2 hours and allows for quick and reliable installation under tight deadlines.

FEATURES AND BENEFITS:

- Rapid Drying
- Thickness 2- 40mm
- Slump Free
- Quick Repairs of Internal Concrete Sub-Floors
- Forming Ramps
- Coverings 2 hours after application
- Can be used in conjunction with the RLA range of leveling compounds

SURFACE PREPARATION:

To be in accordance with the relevant Australian Standard "Floor Coverings - 1884-2021 Resilient Sheet & Tiles - Laying & Maintenance Practices" or Australian Standard 2455.2.2019 "Textile Floor Coverings - Installation Practice" and current New Zealand NZS AS 1884 Floor Covering Standards and any relevant NZ Building Code requirements.

All surfaces must be, dry, clean and free from grease, oil, paints sealers, curing compounds, dust or any material that will affect the bond of the primer/leveling compound. Foreign material such as bitumen, adhesive or coatings such as epoxy must be removed via mechanical means such as scabbing, captive shot blasting or grinding followed by vacuuming to remove dust and dislodged material.

PRIMING

Mix one (1) part **RLA UNIVERSAL PRIMER** with two (2) parts of clean water.

Apply 1-2 coats by brush or roller to the substrate @ coverage of 1litre/5-7m² per coat

For extremely porous substrates a second coat of primer may be required.

For subfloors that display high moisture levels it is recommended an RLA Moisture Barrier be applied.

Please contact RLA Technical Department for further details.

NOTE: Refer to RLA primer data sheets for specific application and coverage details

NOTE 2: Surfaces primed with RLA Moisture Seal must be re-primed with 1 x coat of RLA Universal Primer (neat) prior to application of RLA Rapid Patch

MIXING:

TruLevel Rapid Patch requires 4.8-5.0 litres of water per 20kg bag.

Accurately pre-measure the required water and add to a clean mixing bucket.

Slowly add powder to the water whilst continuously mixing using an electric mixing drill with a high shear stirrer or a spiral mixing paddle mix.

Mix for 3-4 minutes ensuring a uniform homogenous consistency is obtained.

Only mix the quantity of material that can be used within the working time of the material.

Apply the TruLevel Rapid Patch immediately after completion of mixing.

Ensure subsequent mixers are ready to allow for continuous uninterrupted pouring onto the entire surface.

APPLICATION:

Apply the mixed **TruLevel Rapid Patch** to the prepared and primed substrate and use a trowel and spreader to give the required finish

The maximum thickness applied in any application should be limited to 40mm.

The minimum thickness application is 2mm.

COVERAGE/YIELD

Approximately

2.4m² per 20 kg bag at 5mm thick

1.2m² per 20kg bag at 10mm thick

CURING:

When applied will harden after approximately 1 hours at 23°C and can be walked on after this time.

Floor coverings fixed with adhesives after 2 hours at 23°C (time may vary depending on temperature and humidity). RLA Universal Primer can be applied to the surface of the Rapid Patch followed by range of RLA Levelling compounds.

SHELF LIFE/ STORAGE:

12 months when stored in original unopened packaging

Best stored in a dry area at room temperature

Keep off cold floors and out of direct sunlight

NOTES & PRECAUTIONS:

- TruLevel Rapid Patch is used as an underlay only and not designed as a wearing course.
- New concrete must be minimum 14 days old.
- Do not allow TruLevel Rapid Patch to come in contact with water before the cure process.
- Do not apply TruLevel Rapid Patch over expansion or construction joints as cracking may occur.
- Do not apply in direct sunlight or as pre-mature drying and possible cracking may occur.
- Feather edging should be avoided.
- Do not apply point loading on any area of the floor as cracking may occur. This will be predominant in sections less than 5mm thick.
- Internal use only.
- Not Suitable for particle board floors.

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

TECHNICAL DATA:

Product Information	
Colour	Grey
Bulk Density (kg/dm ³)	1.1
Wet Density (kg/dm ³)	1.87
Shelf life	12 months
Packaging	20kg
VOC – GEV Ecode	EC1 Plus
Coverage – 20kg Bag	Will cover approximately 4m ² at 3mm
Application Data 23°C at 50% RH	
Mixing Ratio	4.8-5.0 litres water
Open Time	10-15 minutes
Setting Time	1 hours
Temperature Range	From +5°C to +35°C
Maximum Thickness	40mm
Foot traffic	1 hour
Waiting time before subsequent bonding	2 hours
pH of Mix	Approximately pH 12
Performance Data	
Flexural Strength N/mm² - EN 13892-2	
28 days	> 9
Compressive Strength N/mm² - EN 13892-2	
28 days	> 35

CLEAN UP:

Clean all equipment with water immediately after use.

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 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 per the relevant Australian Standard, the Floorcovering Manufacturer's 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 (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.