

TRULEVEL 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 accepts foot traffic in 1-2 hours
- Large areas can be reinstated in relatively short time periods
- Eliminates need for sand/ cement screeds
- Can be applied from 2mm – 40mm in a single application Dimensionally stable
- Floor coverings can be applied 2 hours after application Economical reinstatement of uneven concrete floors
- Can be used in conjunction with Tru Level Econo Pro and Trulevel Tuff Top to achieve a very smooth flat floor, ready to accept vinyl and timber

USES

- Rapid repairs of internal concrete subfloors
- Forming ramps
- Patching defective concrete

SURFACE PREPARATION:

All surfaces must be 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. Ensure concrete slabs are at least 14 days old prior to application of TRULEVEL RAPID PATCH

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

DAMP SURFACES/SURFACES WITH RESIDUAL MOISTURE CONTENT >75% RH or ≥5%

Apply 2 x coats of [RLA MOISTURE SEAL](#) by brush or roller to the substrate @ coverage of 1litre/4m² per coat

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
- **DO NOT MIX BY HAND**
- **DO NOT ADD EXCESS WATER:**
WATER LEVEL OF GREATER THAN 4 LITRES PER BAG WILL RESULT IN SEGGREGATION AND BLEED AND A POWDERY SOFT SURFACE
- 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.
DO NOT REWORK OR RETEMPER ANY PARTIALLY SET PRODUCT. DISCARD ANY MATERIAL THAT HAS STIFFENED, HARDENED OR CURED.

APPLICATION:

- TruLevel Rapid Patch may be applied using a continuous automatic pump such as a Putznecht or Putzmeister. (Consult RLA for additional information)
- 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. Consult RLA technical staff for thicknesses greater than 40mm
- The minimum thickness application is 2mm

CURING:

- The application of a curing compound or water is not necessary
- After a 2 hour time period, RLA Universal Primer can be applied to the surface of the Rapid Patch followed by TruLevel Econo Pro or TruLevel Tuff Top levelling systems
- Allow a minimum of 1 day at 20°C for cure prior to subjecting to heavy traffic

COVERAGE/YIELD

THICKNESS	COVERAGE PER 20KG BAG
5mm	2.4
10mm	1.2
20mm	0.6
40mm	0.3

CLEAN UP:

Clean all equipment with water immediately after use. Cured PENAPATCH HIGH BUILD can only be removed by mechanical means

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

PACKAGING

- 20 Kg bags

LIMITATIONS:

- Do not apply when surface or ambient temperatures are below 5°C or above 35°C
- 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
- If substrate over which TruLevel is applied moves or cracks, reflective cracking will occur
- Do not apply TruLevel Rapid Patch over expansion or construction joints as cracking may occur
- Do not apply in direct sunlight or drying winds as premature 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 Powder
Wet density	1870kg/m ³
Application Temp	5°C to 35°C
APPLICATION:	
Min Application Depth	2mm
Max Application Depth	40mm
OPEN TIMES	
20°C	15mins
30°C	7 mins
SETTING TIMES	
20°C	55mins
30°C	35mins

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.

Version: 01

Issue date: 01/11/2023

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