

RENDERGRIP A

ACRYLIC BONDING AGENT, CURING COMPOUND AND PRIMER



DESCRIPTION

RLA RENDERGRIP A is a single component acrylic primer, bonding agent and curing compound designed for use with the RLA range of concrete repair systems

FEATURES & BENEFITS

- Provides optimal build and adhesion of RLA repair mortars including; Penapatch HB80, Penapatch HB50, Fairing Coat Mortar and Penapatch Panel LW
- Outstanding adhesion properties
- High ultimate bond strength between repair mortar and concrete substrate
- Resistant to hydrolysis
- Suitable for internal/external applications
- Non hazardous

USES

- Bonding new to old concrete
- Primer and bonding agent for RLA repair mortars in vertical, horizontal and overhead applications
- Sealing concrete surfaces
- As a curing compound to reduce premature drying out of RLA Repair Mortars

SURFACE PREPARATION

- Substrates must be clean, sound and free of dust and loose particles. Cement laitance, oil, grease, mould release oil or curing compounds must be removed from concrete surfaces by wire brush, bush hammer, scabber, grit blasting or other abrasive means.
- Steel surfaces should be degreased with a suitable solvent or treated by grit blasting. Steel rebars must be clean from grease, oil or rust and before priming with RLA Zinc Primer.
- When repairing spalled or deteriorated concrete, cut back and remove all affected areas back to sound concrete. In cases where corrosion is present, wire brushing to a clean bright surface is sufficient.
- Before applying Rendergrip A, pre-wet the substrate thoroughly to saturate the pores completely with water.

- Temperature of the substrate should not be below +5°C.
- To avoid excessive surface temperatures, it is advised to shade areas for the duration of the application

APPLICATION

As a Primer / Bonding Agent

- Rendergrip A is to be applied neat/undiluted DO NOT DILUTE WITH WATER.
- All repairs, vertical or horizontal should be prepared by saw cutting 10mm in depth around the extremity of the repair to avoid feather edging of the repair mortar.
- Pre-soak and the clean substrate with clean fresh water and ensure the concrete is damp and not wet (there should be no free water present) prior to application of Rendergrip A
- Apply Rendergrip A by brush to the damp concrete substrate at a **coverage rate of 4-5m²** per litre ensuring the complete surface is covered and wetted out. If the substrate is extremely porous, a second coat of Rendergrip A may be required. This second coat may be applied after the first coat has dried (20-30 minutes).
- Allow the Rendergrip A to reach a tacky consistency, approximately 10-20 minutes after application (based on normal ambient temperatures) prior to application of the selected RLA concrete repair mortar. Do not allow primer to cure longer than 8 hours prior to application of repair mortar. If Rendergrip A has been left to dry for longer than 8-12 hours, apply a fresh coat to ensure maximum adhesion.
- For overhead and vertical applications do not apply Rendergrip A excessively as this will result in the repair mortar slipping in high build applications.

As a Curing Agent

- Immediately after installation and finishing/trowelling of the repair mortar, apply Rendergrip A by brush, roller or spray directly over the surface to prevent excessive moisture loss, rapid drying and cracking of the repair mortar.
- Rendergrip A can be over coated with the RLA range of protective coatings after full cure.

COVERAGE

- Approximately 1 litre per 4-5m²

NOTE: Coverage rates may vary subject to substrate porosity.

DRY TIMES

- 10-20 minutes @ 20°C, 50% RH

Note: Drying times may vary subject to ambient/surface temperatures, humidity and substrate porosity

CLEAN UP

- Excess primer, tools and general equipment can be cleaned using water while the primer is still wet.

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

CONTAINER SIZES

- 5litre & 20litre containers

LIMITATIONS

- Do not apply Rendergrip A when ambient temperatures are above 35°C or below 2°C
- Do not apply when surface temperatures are above 35°C or below 5°C
- Ensure area to be repaired is not exposed to direct sunlight, rain, wind or frost.

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.

PRODUCT INFORMATION:	
Form	Thin liquid
Colour	Wet: Milky White Dry: Clear
Specific Gravity	1.06/cm ³
Viscosity	450-500cps
pH	8.5-9.5
Chemical resistance	Resists alkalis, mild acids, sulphates, chlorides and sugars
Minimum film forming temperature	3°C
Solubility	Soluble in water
Water absorption	12% after 24 hours
Frost Thaw resistance	Excellent
Bond Strength	> 1.5MPa

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: 03/07/2023

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