

PRIMER PU

POLYURETHANE PRIMER

DESCRIPTION

RLA PRIMER PU is a moisture curing polyurethane primer, specifically designed for use with the [RLA PU850](#) liquid membrane and [RLA FLEX-PRO](#) polyurethane sealant range to ensure optimal adhesion to porous substrates

FEATURES & BENEFITS

- One part-no mixing required
- Promotes optimal adhesion of RLA polyurethane based sealants and membrane systems
- Excellent adhesion to concrete and other compatible porous surfaces
- Reduces surface outgassing
- Good water resistance
- Low viscosity with good penetrating properties
- Corrosion resistant

SUBSTRATES

- Concrete
- Render
- Masonry
- Concrete block
- Compressed fibre cement sheeting
- Structural plywood

SURFACE PREPARATION

- All surfaces are to be clean, sound, smooth, dry, and free from loose material, dirt, dust, oil, grease, wax residues, curing compounds, release agents, existing coatings, moss, algae, sharp protruding objects and all contaminating materials that could compromise the adhesion of the overlaid priming system
- Structurally unsound layers and surface contaminants to be mechanically removed by grinding, abrasive blasting or equivalent methods
- Building surfaces must be fit for purpose and constructed/installed to manufacturer's recommendations and building standards in force at time of application
- Concrete must be allowed to cure for at least 28 days, and cement render/sand cement screeds must be allowed to cure for at least 7 days

- Substrates must not exceed 8% moisture content when tested to ASTM F2659
- Refer to [RLA MOISTURE SEAL](#) for suitability over damp surfaces or surfaces subject to rising damp.
- Non-porous mineral surfaces including steel-trowelled, burnished and dense concrete must be mechanically abraded to roughen surface and provide a suitable key

APPLICATION

- RLA Primer PU is to be applied neat. Do not dilute
- Apply Primer PU using a brush or short/medium nap roller to surfaces until full coverage is achieved
- Ensure that Primer PU is thoroughly worked into the substrate to fill voids and eliminate pinholes. If pinholes or bubbles are seen in the cured primer, additional coats of Primer PU should be applied before the subsequent membrane application
- Each layer should be applied perpendicular to the previous one
- When using abrasive preparatory techniques such as shot blasting, sand blasting or grinding, it is essential to apply minimum of 2 x coats of Primer PU
- It is advisable to apply Primer PU when the substrate is cooling down (after the peak heat of the day) to minimise out-gassing and reduce the risk of pinholes or bubbles
- Finishes are to be applied within 24 hours of the cured primer coat. If exceeding 24 hours, apply a further coat of Primer PU and allow to dry. Apply finishes within 24 hours of the dried film

COVERAGE

- Approximately 1litre per 4m²

NOTE: Coverage rates may vary subject to substrate conditions and surface porosity.

DRY TIMES

4 hours @ 23°C, 50% RH

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

CLEAN UP

- Clean up equipment and adhesive spills whilst wet with a suitable cleaning solvent

SHELF LIFE / STORAGE

- 12 months when stored in original unopened packaging
- To be stored in a dry area off the ground
- Do not store in direct sunlight.
- Keep away from heat sources or sources of ignition

CONTAINER SIZES

15litre containers

LIMITATIONS

- Do not apply PU Primer when surface or ambient temperatures are above 35°C or below 5°C.
- Do not apply when raining or when rain is imminent
- Not to be applied over damp surfaces, surfaces with high residual moisture or subject to rising damp. Refer to [RLA MOISTURE SEAL](#) for details
- Ambient relative humidity should not exceed 85%. Conditions exceeding this will affect curing/drying times
- Not to be used as an exposed sealer coat
- Finishes are to be applied over within 24 hours of the cured primer coat
- For detailed advice on applications not mentioned in this TDS, contact the RLA Technical Department

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:	
Form	Thin liquid
Colour	Transparent yellow
Specific gravity	0.95
Shore A Hardness	75-80
Adhesion to concrete	>2N/mm ²

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 the 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.

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