RAPID SEAL PLUS

One Component Vapour Barrier

DESCRIPTION

RLA RAPID SEAL PLUS is a one component barrier primer designed to protect flooring installations against residual substrate moisture. Fast drying and easy to apply, Rapid Seal Plus is suitable for use over damp and green substrates with residual moisture of up to 95% RH, allowing for the prompt installation of overlaid floor coverings

FEATURES & BENEFITS

- Water based, solvent free and low VOC
- Single component – ready to use
- Forms a barrier against residual moisture
- Can be applied over damp and green concrete and cementitious screeds
- Fast drying
- Outstanding adhesion properties
- Excellent coverage
- Fully compatible with RLA Levelling Systems
- Suitable for internal applications
- Suitable for use over surfaces with up to 95% RH (ASTM F2170) and pH Level of 12
- Pigmented formulation to aid with application and coverage

RECOMMENDED USE

- Vapour barrier over internal concrete and cementitious screeds

SUBSTRATES

- Concrete
- Cementitious screeds

NOTE: For suitability over any substrate or material types not listed above, contact RLA Technical Department for confirmation of suitability and surface preparation

SURFACE PREPARATION

- Substrates must be dry, sound, clean, and in accordance with the relevant Flooring Coverings Australian/ NZ standards and Local Building codes.
- Substrates must be free of wax, grease, oil, polishes, old adhesive, curing compounds, and any other surface contaminants that may affect adhesion
- If mechanical preparation is required, prepare the floor using recommended methods such as shot blasting and diamond grinding to provide a roughened, clean, sound, and open porous surface.
- Steel-trowelled, burnished and dense concrete surfaces must be mechanically abraded to a roughened, open pore surface
- Thoroughly vacuum loose material and dust.
- Surface defects including voids, holes, damaged sections and static cracks to be filled, repaired, made sound and level. Refer to the RLA range of surface preparation aids and repair compounds for suitable options
- Do not use solvents or acid etching to clean the subfloor.
- The minimum subfloor temperature before commencing installation should be 10°C
- Relative humidity and pH readings must be carried out on the concrete substrate in accordance the relevant Floorcovering Australian Standards
- Substrate moisture content must not exceed 95% RH when tested as per ASTM F2170. Refer to **RLA MOISTURE SEAL** for suitability over damp surfaces or surfaces subject to rising damp / hydrostatic pressure
- If temperatures are less than 8°C or higher than 28°C, please contact the RLA Technical Department for further advice.

APPLICATION

- First Coat: **1:1 dilution with water (volume)**
- Second coat: **Apply neat (no dilution)**
- Lightly stir product before use
- Apply primer by brush or medium nap roller to surfaces until full coverage is achieved
- Application is to be applied in a minimum of 2 x coats (1 x diluted + 1 x neat coat)
- Primer is to be completely dry before applying the levelling compound
- To reduce the possibility of contamination between primer and overlaid finishes, it is recommended that all finishes be installed shortly after the primer has dried.

LEVELLER INSTALLATION

- RLA Levelling Systems are to be installed within 12 hours of the application of Rapid Seal Plus
- If Rapid Seal Plus is not covered within this time, apply a further coat and allow to dry before installing the levelling system over

COVERAGE

- Diluted coat: 1litre/16m^2
- Neat coat: 1litre/8m^2

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

DRY TIMES

First Coat: 15 – 30 minutes
Second Coat: 30 minutes
Minimum waiting time before applying levelling compound: 2 – 5 hours. Maximum 12 hours

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

CLEAN UP

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

SHELF LIFE / STORAGE

- 12 months stored in original unopened packaging
- Best stored in a dry area at room temperature
- Keep off cold floors and out of direct sunlight

LIMITATIONS

- Do not apply Rapid Seal Plus when substrate temperatures are above 28ºC or below 8ºC.
- For internal substrates only. Do not use externally
- Suitable for use over cementitious substrates only – not to be used over anhydrate or gypsum based substrates
- Not suitable for flooring applications with underfloor heating
- Not to be applied over surfaces with residual moisture >95% RH or subject to rising damp. Refer to **RLA MOISTURE SEAL**
- 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:

PRODUCT INFORMATION	
Form	Thin liquid
Colour	Purple
Specific gravity	1.15-1.2
Shelf life	12 months
Packaging	10litre container
Coverage	1litre/4m^2 as a 2 x coat application
Water Vapour Transmission (2 x coats @ 50um)	<10g/m^2/24 hours

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.

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