

Description

XPRESS PRIMER H2O PLUS is a unique 1 component vapour barrier primer for use over concrete and screed surfaces to protect membranes and coatings against blistering and delamination associated with residual substrate dampness. Unlike traditional vapour barrier coatings, Xpress Primer H2O Plus will not alter the surface profile, enhancing the adhesion of overlaid coatings and finishes ensuring they bond as designed.

Xpress Primer H2O Plus is also suitable to prevent carbonation of concrete, and for use over screeds and renders to reduce the incidences of efflorescence.

Features & Benefits

- Forms a vapour barrier against residual moisture
- Can be applied over damp and green concrete and screed substrates
- Fast drying, enabling application of finishes after only 1 hour
- Water resistant
- Unique colour changing formulation indicating when product is ready for overcoating
- Reduces incidents of efflorescence when used over screed and render
- Designed to use with Gripset membranes on porous surfaces

Substrates

- Concrete
- Concrete block
- Screed and render
- Masonry
- Aerated concrete
- Compressed fibre cement sheeting
- Plasterboard

For further information and advice on surface/substrate suitability and preparation contact RLA Technical department

Surface Preparation

- All surfaces are to be clean, sound, smooth, dry, and free from loose material, dirt, dust, oil, grease, wax residues, laitance, curing compounds, release agents, existing coatings, moss, algae, sharp protruding objects and general surface contaminants that may compromise the adhesion of the overlaid primer
- Structurally unsound layers and surface contaminants to be mechanically removed by grinding, abrasive blasting or equivalent methods.
- Masonry surfaces to be pointed flush, and all surface defects including voids, holes, pitted sections, heavy undulations and non-structural cracks to be filled and levelled. Refer to Gripset 11Y enhanced repair mortar or the RLA range of repair mortars and levelling compounds for options
- Building surfaces must be fit for purpose, constructed and installed to manufacturer's recommendations and relevant building standards in force at time of application
- New concrete to be allowed to cure for at least 7 days and reach a minimum of 20MPa. Renders/screeds to be cured for at least 24hours.
- RH to be a maximum of 90% when tested to ASTM F2170
- High MPa concrete, or burnished/steel floated concrete surfaces that do not accept any water absorption on testing should be mechanically abraded and roughened prior to facilitate absorption into the substrate
- Substrates subject to active moisture or rising damp must be treated with [GRIPSET E60](#)

Application

- Xpress Primer H2O Plus is to be applied neat. Do not dilute
- Apply 1 x coat by brush or medium nap roller to surfaces until full coverage is achieved
- Primer will transition from a milky white to a slightly green tinge before drying clear
- Primer must be dry before applying finishes over
- To reduce possibility of contamination between primer and overlaid finishes, it is recommended that all finishes be installed shortly after the primer has dried

Coverage

- 1litre/6m²per coat

Note: Coverage rates may vary depending on substrate condition and porosity

Dry times

- 1hour @ 23°C 50% RH

Important:

Drying times are based on ambient temperatures @ 23°C and 50% RH. Drying times may vary subject to ambient/surface temperatures, humidity and substrate porosity
Drying/curing times will be extended in cooler conditions and periods of high relative humidity

Clean up

- In water while wet

Shelf life and Storage

- 12 months when stored in original unopened packaging
- Avoid freezing conditions and off of cold floors
- Best stored in a dry area at room temperature
- Do not store in direct sunlight

Container sizes

- 15 litre pails

Limitations

- Do not apply when surface or ambient temperatures are below 5°C or above 35°C
- Do not apply when raining or rain is imminent
- Not to be used as primer for areas with continuous sources of rising moisture or negative hydrostatic pressure. Refer to [GRIPSET E60](#)
- For further information about this product contact 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. Safety Data Sheet (SDS) available.

Technical Data	
Form	Thin Liquid
Colour	Wet: Milky White Transition: Slight green tinge Dry: Clear
Water Vapour Transmission	≤0.5g / (m ² h) Class 1 vapour barrier as per EN ISO 7783-1

GRIPSET XPRESS PRIMER H2O PLUS TDS

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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 the 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.

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.