

Description

Xpress Primer H₂O Plus is a unique 1 component vapour barrier primer designed for use on concrete, screeds and mineral surfaces. Primer H₂O Plus forms a vapour barrier to prevent blistering and delamination of membranes associated with residual dampness and surface moisture.

Outstanding penetrating and adhesion properties once dried Primer H₂O Plus will enhance the adhesion of overlaid coatings and finishes.

Fast drying properties, this unique vapour barrier forms a unique colour changing effect while drying. It is applied as milky white liquid and creates a light green tinge during the drying phase before becoming clear in its fully dry state when it is ready to be overcoated. Unlike traditional vapour barrier coatings, once cured the Primer H₂O Plus will not change the surface properties of concrete and mineral surfaces, ensuring membranes and adhesives will bond as designed.

Primer H₂O Plus is able to be applied on damp surfaces, and besides it performing as a vapour barrier on surfaces with residual moisture, it will prevent carbonation of concrete, providing outstanding anti-degradation properties. When used on screeds and renders, it reduces the phenomena of efflorescence forming in the mineral surface.



Features & Benefits

- Forms a Vapour Barrier against residual moisture
- Can be applied over damp and green concrete and mineral 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 bases
- Designed to use with Xpress Multi Pro Membrane on porous surfaces
- Fully compatible with Gripset membranes, tile adhesives, water based vinyl and flooring adhesives, renders, mortars and acrylic paints and texture coatings.
- Economical surface coverage of up to 1 litre/8m².
- Can be used as an exposed protective sealer over concrete against carbonation and general degradation
- Suitable for internal and external applications.

Substrates

Substrates suitable for application as a vapour barrier include:

- Concrete, masonry surfaces, renders, screeds.
- Concrete blocks and aerated concrete
- Cement sheeting, plaster board and general wet area linings
- Absorbent surfaces

Surface Preparation

Surfaces must be prepared thoroughly before commencing application. All substrates must be structurally sound, smooth, stable, and clean.

Rough surfaces and voids to be evened or filled first and all brick/block surfaces to be pointed flush. (refer to Gripset 11Y for concrete/masonry repairs). All general surface defects to be repaired.

Building surfaces must be constructed to manufacturer's recommendations and relevant building standards in force at time of product application.

All surfaces are to be free of sharp protruding objects, loose material, de-bonded coatings, curing membranes/agents, release agents, wax residues, foreign particles, laitance, algae and moss, grime, oils, animal fats or grease remains.

Highly burnished, dense/steel trowelled concrete to be roughened, grinded or etched to provide an open pore profile.

Structurally unsound layers and surface contaminants are to be mechanically removed by abrasive blasting, blast tracking, grinding or equivalent methods

Application and Coverage

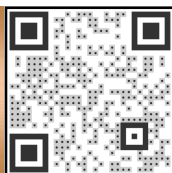
- Apply 1 x coat at coverage of 1 litre per 6-8m²
- Can be applied by brush, short/medium nap roller or airless spray.
- Check porosity of surface with water droplet test. If droplets do not absorb, surface is non porous and will need to be prepared by grinding, etching or other abrasive means to open surface pores
- Primer can be overcoated once film is clear and tack free

Storage conditions

- Best stored at room temperature.
- Avoid cold freezing conditions and off concrete floors.
- Do not store in direct sunlight.
- Shelf life: 12 months in unopened container

Packaging

- 10 litre pails



Precautions

- Not to be used as vapour block primer for areas with continuous sources of rising moisture or negative hydrostatic pressure
- Not to be used on vertical surfaces as a negative hydrostatic coating
- Do not apply to areas when rain is imminent
- Do not apply when surface temperature is below 5°C or above 30°C
- Suitable for use over concrete and mineral surfaces only.
- Glazed, plastic and metal elements to be covered during application
- Safety Data Sheet (SDS) available.
- For further information about this product contact technical department of Gripset Industries.

Clean up

- In water while wet
- Once dried product needs to be removed mechanically or by solvent

TECHNICAL DATA

Form	Thin Liquid
Colour	Wet: White Dry: Clear Transition: Slight green when drying
Drying	Based on normal ambient temperatures of 23°C and 50% RH 1 hour *Temperature, humidity and porosity will vary dry times
Specific gravity	1 kg/litre

Notes

It is recommended before commencing the application; that adhesion of products to be used (e.g. primers, membranes, coatings adhesives etc) is tested over a typical area of the prepared surface to ensure satisfactory adhesion. It is the responsibility of the applicator to carry this out and accept the substrate suitability before any application starts. Gripset Industries offers a service for pre testing adhesion to surfaces for large commercial areas or unusual substrates. For further details contact Gripset Industries. Details contained in product data sheets are general. For any situation or items not covered in this data sheet, it is the responsibility of the applicator to check with Gripset Technical Services before commencing the application. A written confirmation will then be issued by Gripset Technical Services.

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Product Disclaimer

This Product Data Sheet (PDS) summarises our best knowledge of the product, including how to use and apply the product based on the information available at the time. You should read this PDS carefully and consider the information in the context of how the product will be used, including in conjunction with any other product and the type of surfaces to, and the manner in which, the product will be applied. Our responsibility for products sold is subject to our standard terms and conditions of sale. Gripset Industries does not accept any liability either directly or indirectly for any losses suffered in connection with the use or application of the product whether or not in accordance with any advice, specification, recommendation or information given by it.