

## Water-based primer for non-porous substrates

### Uses

- Priming over Scyon sheeting, wet area timber, galvanised iron, zincalume, stainless steel, copper, brass and most metals
- Priming over non-porous Compressed Fibre Cement (CFC) sheeting. (Refer to Limitations section\*)
- Priming over glazed tiles to enable re-tiling without etching or grinding
- Priming over sound painted surfaces
- Priming over dense concrete
- Priming over PVC and non-PE based rigid plastics

### Advantages

- Low VOC
- Suitable as primer over non-porous surfaces for Emer-Proof water based membranes
- Non-flammable and free of hazardous odours
- Suitable for internal and external priming applications
- Fast drying
- Excellent water resistance
- Cost effective alternative to grinding and etching surfaces
- Australian made

### Description

Emer-Proof Primer Non Porous is a primer specifically designed with adhesion enhancing properties for use onto metallic, smooth, dense, and non porous surfaces.

Emer-Proof Primer Non Porous is a safe alternative to hazardous solvent based primers and etching products, to enable the adhesion of a wide range of paints, coatings, membranes and adhesives over non-absorbent surfaces.

Emer-Proof Primer Non Porous is suitable for Emer-Proof 'water based' membrane systems for non-porous substrates.

### Properties - Wet Form

<b>Specific gravity of mixed product:</b>	1.3kg/litre
<b>Viscosity:</b>	8000 mPa.s
<b>pH:</b>	8
<b>Colour:</b>	Green
<b>Water soluble:</b>	100% soluble in a wet state
<b>Flammability:</b>	Nil
<b>VOC content:</b>	22g / litre

## Application Instructions

### Surface preparation

Surfaces must be clean, sound, stable and free of: loose foreign material; existing degraded coatings; laitance; release agents; curing compounds and oil/grease residues.

When priming over PVC and other non-PE based rigid plastics, abrasion of the surfaces is recommended - 240 grit sandpaper is suitable - prior to primer application.

### Application

Emer-Proof Primer Non Porous should be lightly stirred before using, and can be applied to vertical, horizontal and overhead surfaces using a roller or brush.

Can be rendered or tiled over – see Emer-Proof Primer Porous for render mix ratios. Polymer modified cement based tile adhesive is recommended for direct adhesion. .

### Maintenance

No special requirements, any damage identified during normal inspections should be repaired or replaced as appropriate

### Cleaning

Product while in a wet state will clean up with water. Once dried product will need to be removed by Solvent or by mechanical means.

### Drying times

Tack free – 15 minutes (will vary with surface porosity).

Dry film – 30 minutes.

Based on normal ambient conditions of 23°C.

As a minimum, double the drying time of primer if applied @ 10°C – do not apply membrane coatings until primer has completely dried.

### Limitations

Not designed for use as a UV exposed or trafficable sealer (as a stand-alone product).

Not to be used for applications in immersed areas (as a stand-alone product).

Not suitable for solvent based finishes. Only use water based systems over Emer-Proof Primer Non Porous.

\*When applying over CFC, it is advisable to conduct a water droplet test to determine the porosity of the particular grade of CFC which can vary. If the water is absorbed quickly into the CFC then it should be considered "porous" and primed with Emer-Proof Primer Porous.

# Emer-Proof® Primer Non Porous

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## **Please Note:**

Application of all liquid applied membranes and primers should always refer to the surface temperature conditions before commencing and not just ambient temperatures. (There are limitations to how hot/cold the surface temperature can be, when applying liquid based membrane or primer).

For example: ambient temperatures may be 10°C but the substrate could be 0°C and have frost issues. The same applies with higher temperatures: ambient temperature may be 26°C but have a substrate temperature of 36°C.

## **Supply**

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Emer-Proof Primer Non Porous 4 litre: FC001079-4L

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## **Coverage**

Coverage of 10 - 12m<sup>2</sup>/ litre, this may vary depending on surface profile.

## **Storage**

Store in dry conditions at temperatures between 5°C and 30°C in the original, unopened containers. If stored at high temperatures, the shelf life may be reduced.

## **Important notice**

A Safety Data Sheet (SDS) and Technical Data Sheet (TDS) are available from the Emer website. Read the SDS and TDS carefully prior to use as application or performance data may change from time to time. In emergency, contact any Poisons Information Centre (phone 13 11 26 within Australia) or a doctor for advice.

## **Product disclaimer**

This Technical Data Sheet (TDS) 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 TDS 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. Parchem 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.



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