

# Emer-Clad® High Bond Primer



Technical  
Data  
Sheet

(Previously known as Emer-Clad Primer NP)

## Waterborne, anti-corrosion primer

### Uses

Emer-Clad High Bond Primer is a priming/bond coat for non porous surfaces such as steelwork, galvanised iron, zincalume, copper, brass and PVC which is to be subsequently over coated with Emer-Clad Facade.

Emer-Clad High Bond Primer is also suitable for use as a primer over bituminous membranes. Once the Emer-Clad High Bond Primer has fully dried on the bituminous sheet; a waterborne finish, such as Emer-Clad Facade can be applied as a decorative finish coat.

### Description

Emer-Clad High Bond Primer is a water based anti-corrosive metal surface primer offering protection against future corrosion. Emer-Clad High Bond Primer is quick drying, can be applied under conditions of high humidity and designed to be overcoated with water based coatings.

Emer-Clad High Bond Primer is non-flammable, free of hazardous odours and exhibits low VOC emission.

### Properties

<b>Colour:</b>	Red oxide
<b>Finish:</b>	Matt
<b>Vehicle:</b>	Vinyl acrylic co-polymer
<b>Mixing ratio:</b>	Single component
<b>Volume solids:</b>	40%
<b>VOC content:</b>	27g / litre
<b>Recommended thickness (per coat)</b>	
<b>Wet film:</b>	75 microns
<b>Dry film:</b>	30 microns
<b>Coverage:</b>	13 m <sup>2</sup> /litre
<b>Application method:</b>	Brush, roller, spray or dipping
<b>Drying times:</b>	(25°C, 50% RH)
<b>-Touch dry:</b>	30 minutes
<b>-Re-coat:</b>	2 hours
<b>-Hard:</b>	7 days
<b>Thinner:</b>	Water

## Application Instructions

### Surface preparation

Before using Emer-Clad High Bond Primer, it is important to ensure that the surface to which it is to be applied is clean, dry and free from rust, scale, dust and any loose material. All contaminants such as oil, grease, fungi, or any surface laitance must be removed to ensure adequate development of bond when the coating is applied.

For optimum performance steel surfaces to be abrasive blast cleaned in accordance with AS1627.4 Class 2. Alternatively surfaces to be hand or power tool cleaned, these should be carried out with care to ensure surfaces are not burnished. For heavily corroded areas needle gun or similar method may be necessary prior to hand cleaning, treat any remaining rust with Emer-Clad Rust Converter, prior to application of the Emer-Clad High Bond Primer. Non ferrous metals to be cleaned and etched with phosphoric acid.

On rusted steel surfaces where only minimal preparation is possible, Emer-Clad Primer AC should be considered.

### Application

Emer-Clad High Bond Primer may be applied by brush, roller or dipping. For spray application up to 15% thinning with fresh, clean water may be necessary. It has sufficient conductivity to allow application by electrostatic spray. The primer will be touch dry in approximately 30 minutes and may be overcoated after 2 hours drying with waterborne finishes under normal conditions. This can be assessed at the time of application and is influenced by ambient temperature and type of surface treated.

Note: do not apply at temperatures below or may fall below 10°C during the drying period.

### Supply

**Emer-Clad High Bond Primer 4 litre:** FE100220-4L

### Coverage

**Emer-Clad High Bond Primer:** 13 m<sup>2</sup> / litre

The coverage figures are theoretical – due to wastage factors and the variety and nature of possible substrates, practical coverage figures may be reduced.

### Storage

Store between 5°C and 30°C.

#### 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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