

## Technical Data Sheet

# Emer-Coat Special Primer

### Chemical resistant primer

#### USES

May be applied directly to clean steel, galvanised steel and zincalume.

#### DESCRIPTION

Emer-Coat Special Primer is a synthetic rubber based, anti-corrosive protective coating that dries to form a non toxic, odourless matt finish. It has excellent resistance to corrosive chemicals and gases including strong mineral acids and alkalis, and does not support the growth of mould or fungus.

#### PROPERTIES

<b>Colour:</b>	Yellow
<b>Finish:</b>	Matt
<b>Volume solids:</b>	43%
<b>Application:</b>	Brush, roller or spray
<b>Drying times (25°C, 50% RH)</b>	
- Dust free:	1 hour
- Re-coat:	12 hours
- Hard:	7 days
<b>Mixing ratio:</b>	Single component
<b>Coverage:</b>	12.3 m <sup>2</sup> / litre
<b>Thinners:</b>	Solvent 30
<b>Clean up:</b>	Solvent 30
<b>Flammability:</b>	Non-flammable
<b>Packaging:</b>	20, 4 & 1 litre
<b>Recommended thickness (per coat)</b>	
Wet film:	81 microns
Dry film:	35 microns

#### APPLICATION INSTRUCTIONS

##### SURFACE PREPARATION

Before using Emer-Coat Special Primer, it is important to ensure that the surface to which it is to be applied is clean, dry and free from rust, scale and any loose material. All contaminants such as oil, grease, fungi, stain 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-Tan, prior to the application of Emer-Coat Special Primer.

##### APPLICATION

Emer-Coat Special Primer may be applied by brush or roller or spray. For spray application up to 10% reduction with Solvent 30 may be necessary. The product will be touch dry in approximately 1 hour and may be overcoated after 12 hours drying under normal conditions. This can be assessed at the time of application and is influenced by ambient temperature and type of surface treated. For maximum steel protection against corrosive chemicals and on steel surfaces to be immersed apply 1 coat of Emer-Coat Special Primer, 2 coats of Emer-Coat Special Undercoat and then 2 coats of Emer-Coat Special.

Emer-Coat Special Primer is not resistant to fatty acids, fats or oils (vegetable or animal), aromatic or aliphatic solvents, esters and ketones.

#### TECHNICAL SUPPORT

Parchem offers a comprehensive range of high performance, high quality products suitable for use in the protection and repair of steelwork and concrete. In addition, the company offers a technical support package to specifiers, end users and contractors, as well as on-site assistance.

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## ESTIMATING

### SUPPLY

**Emer-Coat Special Primer:** 1, 4 and 20 litre pails

### COVERAGE

**Emer-Coat Special Primer:** 12.3 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

### SHELF LIFE

All products have a shelf life of 12 months is kept in a dry, cool storage area.

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.

## ADDITIONAL INFORMATION

Parchem provides a wide range of complementary products which include:

- concrete repair – cementitious and epoxy
- grouts and anchors – cementitious and epoxy
- waterproofing membranes – liquid applied, cementitious and bituminous sheet membranes
- waterstops – pvc and swellable
- joint sealants – building, civil and chemical resistant
- industrial flooring systems – cementitious and epoxy
- architectural coatings
- filler boards – swellable cork, bituminous and backing rod
- ancillary products

For further information on any of the above, please consult with your local Parchem sales office.

## IMPORTANT NOTICE

A Material Safety Data Sheet (MSDS) and Technical Data Sheet (TDS) are available from the Parchem website or upon request from the nearest Parchem sales office. Read the MSDS 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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