



TWO PACK EPOXY PRIMER

1. Product Data

- Economical long term protection in only one coat
- Trouble-free application directly over steel and non-ferrous metals

Excellent durability in all environments

- Accepts urethane, polysiloxane or acrylic topcoats where improved gloss and colour retention are required for aesthetic finish.

Typical Uses

General high performance primer suitable for structural steel, chemical plants, refineries, pulp and paper mills, offshore platforms and other applications requiring excellent corrosion protection.

Outstanding Characteristics

Two Pack Epoxy Primer is a pigmented epoxy made with high performance anti corrosive pigments and designed for industrial and marine use. Specifically formulated for priming steel without heavy metals.

Where improved gloss and colour retention is desired, may be over-coated with one of our 2 component finishes.

Resistance Guide

Environment	Suitability of Protectorcoat	
	(i) <i>Splash and Spillage</i>	(ii) <i>Fumes and Weathering</i>
Acid	Fair	Good
Alkaline	Excellent	Excellent
Salt solutions		
Acidic	Excellent	Very Good
Neutral	Excellent	Excellent
Alkaline	Excellent	Excellent
Water	Excellent	Excellent

2. Physical Data

• Finish	Flat
• Colour	Grey, Red Oxide, & limited colour range
• Substrate	Steel SA2.5 / ST 2
• Components	2
• Curing Mechanism	Solvent release and chemical reaction between components.
• Volume Solids	63%*
• VOC	22% by weight/ 190 g/kg
• Dry Film Thickness	125 µm/coat
• Number of Coats	1 (or sealer plus 1 coat)
• Calculated Coverage	5.0 m ² /l at 125 µm
Allow for application losses, surface irregularities etc.	
• Application methods	Airless or conventional spray (bush small areas)
• Pot Life (at 20°C)	8 hours
Pot life is dependent on temperature and quantities mixed.	
• Drying Times at 20°C and 125 µm	
– Dry to Touch	2- 4 hours
– Dry Through	16 hours
• Induction Time (at 20°C)	Not applicable
• Mixing Ratio (by volume)	
– Resin	4 parts
– Hardener	1 part
• Specific Gravity	1.68 kg/l (mixed product)
• Thinner	Xylene
• Flash Points (Closed Cup)	
– Resin	25°C
– Hardener	25°C
• Packaging	
– Resin	16l in a 20l can
– Hardener	4l in a 5l can
• Shipping Weight	
– Resin	Approx. 31.44kg
– Hardener	Approx. 4.33kg
• Shelf Life	
– Resin/Hardener	2 years from shipment date, when stored indoors in unopened, original containers at 5 to 40°C.

*"Volume Solids" is measured in accordance with ASTM-D2697 (modified). Slight variations + or - 3% may occur due to colour and testing variances.

MOORVILLE COTTAGE FARM CELLARHEAD STOKE ON TRENT ST9 0DG
TELEPHONE 01782 550733/303831 FAX 01782 550970/303227

E mail info@regalpaints.co.uk