

PRODUCT DATA SHEET

www.regalfloorpaint.co.uk

2-Pack Epoxy Metal Primer

Product Description & Recommended Use

- High-performance, anticorrosive primer giving economical long-term protection.
- Specifically formulated for priming steel and non-ferrous metals.
- Pigmented epoxy made with high performance anti-corrosive pigments.
- Trouble-free application.
- Excellent durability in all environments.
- The ideal base for Regal 2-Pack Epoxy Enamel (Top Coat), where improved gloss and colour retention is required.
- Also accepts urethane, polysiloxane or acrylic topcoats.
- Recommended for industrial and marine use.

Designed for application to steel and non-ferrous metals, Regal 2-Pack Epoxy Metal Primer gives an ideal base for our Regal 2-Pack Epoxy Enamel (Top Coat) or acts as a sealer coat for bare steel and other non-ferrous metals.

Regal 2-Pack Epoxy Metal Primer is an incredibly tough and durable anti-corrosive primer, making it ideal for industrial and marine use.

With its trouble-free application, Regal 2-Pack Epoxy Metal Primer gives excellent protection against water, solvents, acids, alkalis and

Resistance Guide		
Environment	Splash and Spillage	Fumes and Weathering
Acid	Fair	Good
Alkaline	Excellent	Excellent
Salt Solution (Acidic)	Excellent	Very Good
Salt Solution (Neutral)	Excellent	Excellent
Salt Solution (Alkaline)	Excellent	Excellent
Water	Excellent	Excellent

Typical Uses	
Structural Steel	Manufacturing Plants
Chemical Plants	Engineering Works
Refineries	Offshore Platforms
Pulp and Paper Mills	
And other applications requiring excellent corrosion protection	

Key Benefits

- Excellent Anticorrosive Properties
- Tough & Durable
- Cross-Links with Regal 2-Pack Epoxy Enamel (Top Coat)

Complies with all current legislation at the time of writing.

PRODUCT DATA SHEET 2-Pack Epoxy Metal Primer

Standard Colours	Light Grey and Red Oxide
Dry Film Appearance	Matt finish
Substrates	Steel SA2.5 / ST2
Components	2 (Resin and Hardener/Activator)
Curing Mechanism	Solvent release and chemical reaction between components
Mixing Ratio (by Volume)	Resin 4 parts: Hardener/Activator 1 part
Induction Time	10 minutes (at 20°C)
Pot Life	4 hours at 20°C (pot life is dependent on temperature and quantities mixed)
Spreading Rate	5 per litre at 125µm (allow for application losses, surface irregularities etc)
Touch Dry @20°C	12-16 hours
Recoating Time @20°C	24 hours
Hard-Drying Time	48 hours
Full Cure	7 days
Typical Wet-Film Thickness	180µm per coat
Typical Dry-Film Thickness	125µm per coat
Solids by Volume	63% (ASTM D2697) ±3%, dependent on colour
VOC Information	22% by weight (190g/kg)
Specific Gravity	1.68 kg per litre (mixed product)
Application Temperature	Minimum 5
Application Method	Airless spray, conventional spray, brush (for small areas)
Thinners	Xylene
Flash Point	Resin 25°C; Hardener/Activator 25°C (Closed Cup)
Pack Size	5 litres (Resin 4 litres: Hardener/Activator 1 litre); 20 litres (Resin 16 litres: Hardener/Activator 4 litres)
Shelf Life	12 months (when stored indoors, unopened, in the original containers at 5-30°C)

Recommendations following application of this product

- Ideally, Regal 2-Pack Epoxy Enamel (Top Coat) should be applied before exposing primed steel to environmental contaminants.

Complies with all current legislation at the time of writing.