

PRODUCT DATA SHEET

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2-Pack Epoxy Enamel (Top Coat)

Product Description & Recommended Use

- High-performance, epoxy enamel-topcoat giving outstanding long-term protection.
- Specifically formulated for steel and non-ferrous metals.
- Pigmented epoxy made with high performance anti-corrosive pigments.
- Trouble-free application.
- Excellent durability in all environments.
- The ideal topcoat for Regal 2-Pack Epoxy Primer.
- Recommended for industrial use.

Designed to be used in conjunction with Regal 2-Pack Epoxy Primer for application to most metal substrates.

Regal 2-Pack Epoxy Enamel (Top Coat) gives has excellent durability and impact resistance.

With its trouble-free application, Regal 2-Pack Epoxy Enamel (Top Coat) gives excellent protection against water, solvents, acids, alkalis and salts.

Resistance Guide		
<i>Environment</i>	<i>Splash and Spillage</i>	<i>Fumes and Weathering</i>
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 Primer

Complies with all current legislation at the time of writing.

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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.