



2K EPOXY FLOOR PAINT SEALER FIRST COAT

1. Product Data

- Economical long term protection in only one coat
- Trouble-free application directly over concrete and steel floors
- Excellent durability in marine atmosphere
- Accepts urethane, polysiloxane or acrylic topcoats where improved gloss and colour retention are required for external use

Typical Uses

Warehouse and factory flooring, chemical plants, refineries, pulp and paper mills, offshore platforms and other flooring applications requiring durable wear resistance and chemical protection

Outstanding Characteristics

2k Epoxy Floor Paint Sealer First Coat is a pigmented polyamide epoxy made with a high solids content and designed for industrial and marine use. It works extremely well as a coating over primed steel or concrete.

Where improved gloss and colour retention is desired, First Coat Sealer may be over-coated with our 2k Top Coat.

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	Sheen
• Colour	Grey, Red Oxide, Green
• Substrate	Concrete /Primed steel
• 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
• Pot Life (at 20°C)	1 hr
Pot life is dependent on temperature and quantities mixed.	
• Drying Times at 20°C and 125 µm	
– Dry to Touch	2 hours
– Dry Through	16 hours
• Induction Time (at 20oC)	Not applicable
• Mixing Ratio (by volume)	
– Resin	4 parts
– Hardener	1 part
• Specific Gravity	1.68 kg/l (mixed product)
• Thinner	To be advised
• Flash Points (Closed Cup)	
– Resin	36°C
– Hardener	33°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.

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