



United Paints Limited
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Manufacturers of Industrial & Decorative Coatings

EPOXYGUARD HI-BUILD

Two Component Epoxy Polyamide Coating

Two component, Epoxy Polyamide high build for exterior or chemically aggressive environments

Coating possesses outstanding aged recoatability and good aged flexibility.

New amide technology crosslinking resin allows low temperature curing to 2° C.

Typical Uses

- Sewage Treatment Plants
- Paper Mills
- Marine
- Plating Facilities
- Iron
- General Corrosion Environments
- Fuel Storage Facilities
- Structural Steel
- Tanks

Specifications may be updated or revised at times. Please ensure, through our representative, that sheet being viewed is current.

Physical Properties

Vehicle Type	Epoxy Polyamide Resin
Pigment Type	Non Active Organic / Inorganic
Solvent	Aromatic / Ester
Pot Life	Once mixed 4 hours at 25° C
Gloss Level	Flat Finish
Volume Solids	70% by mixed volume
Colours Available	Grey, White or Black
Recommended Dry Film Build	125-250 microns per coat
Theoretical Coverage	5.2 m ² / lt @ 150 microns DFT
Number of Coats	One
Induction Time	Allow 15 minutes
Dry Time	Touch 90 min @ 25° C
	Hard 4 – 5 hours @ 25° C
	Cooler temperatures will slow down through cure, ie;
	Initial Touch 10 hours @ 15° C
	Hard 18 – 20 hours @ 15° C
Abrasion Resistance	Excellent
Water & Chemical Resistance	Excellent
Durability	Excellent
Thinning & Cleanup	Uniepoxy Thinner
Mix Ratio	4 parts paint 1 part hardener
Pack Sizes	5 Litres & 10 Litres
Hardener Pack Sizes	1 Litre & 2 Litres.
Surface preparation	Surface must be clean, dry and free from oils and waxes. Surfaces should be primed as quickly as possible to prevent re-rusting.

Performance

Performance	<ul style="list-style-type: none"> • Offers excellent resistance to corrosion. Resists dilute acids and Alkali attack • Is suitable as use for protecting concrete substrates
Limitations	<ul style="list-style-type: none"> • Airless Spray Application is preferred • Do not apply when rain is expected , relative humidity is greater than 90% or pH of surface is greater than 10.