



United Paints Limited

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Manufacturers of Industrial & Decorative Coatings

TECH PRIMER

Chromate Free Anti-Corrosive Primer

Single pack , high build primer for general industrial , marine and automotive use .

Can be overcoated with a wide range of decorative topcoating systems or left as a protective one coat finish in mild environments such as structural steel .

Fast drying nature allows early recoat or topcoating .

Typical Uses

- Structural Steel
- Bridges
- Tank Exteriors
- Pipework
- Machinery
- Rolling Stock
- Industrial Plants
- General Marine
- Automotive
- Maintenance

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

Physical Properties

Vehicle Type	Phenolic Modified Alkyd
Pigment Type	Zinc Hydroxy Phosphate
Solvent	Aromatic
Pot Life	Not Applicable
Gloss Level	Very Low Sheen
Volume Solids	50 - 54 %
Colours Available	Large Range of colour shades.
Recommended Dry Film Thickness	50 - 70 microns per coat
Theoretical Coverage	10.4 m ² / lt @ 50 microns DFT
Number of Coats	One (Double head coat)
Dry Time	Touch 15 min @ 20° C Hard 4 - 5 hrs @ 20° C
Recoating Times	<u>Minimum</u> -Varies with topcoat and application. Generally overnight <u>Maximum</u> -Depending on length of exposure 6 months without further preparation of the coating Primer does not overharden in this time
Abrasion Resistance	Very good
Solvent & Chemical Resistance	Excellent when topcoated appropriately .
Heat Resistance	Up to 85° C (dry heat)
Durability	Very Good
Thinning & Cleanup	Enamel or Commercial
Pack Sizes	4 Litres & 20 Litres

Performance

Performance	<ul style="list-style-type: none"> • Chromate Free • Single Pack • Excellent Interim Durability . • Can be overcoated with epoxies alkyds , vinyls and some urethanes • High Build potential .
Limitations	<ul style="list-style-type: none"> • Spray Application is preferred application for early recoating . • Product is designed for interim outdoor exposure . Up to 6 months exposure expected . When exposure is longer please consult with the manufacturer . • Not suitable under Unichem fast dry enamel.

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