



United Paints Limited  
P.O. Box 21 064  
29 Empire Road  
Bridgend  
Christchurch  
Telephone : (03) 323 8743  
Facsimile : (03) 323 7261

Manufacturers of Industrial & Decorative Coatings

## HS TECH PRIMER

### Chromate Free Anti-Corrosive Primer

Single pack , very 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 .

High build nature allows easily achieved dry film thicknesses of 75 plus microns in a single coat.

### 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	58 %
Colours Available	Grey and Pastel colour shades.
Recommended Dry Film Thickness	75 microns per coat
Theoretical Coverage	7.5 - 8 m <sup>2</sup> / lt @ 75 microns DFT
Number of Coats	One ( Double head coat )
Dry Time	Touch 20 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"><li>• Chromate Free</li><li>• Single Pack</li><li>• Excellent Interim Durability .</li><li>• Can be overcoated with epoxies alkyds , vinyls and some urethanes</li><li>• High Build potential .</li></ul>
Limitations	<ul style="list-style-type: none"><li>• Spray Application is preferred application for early recoating .</li><li>• Product is designed for interim outdoor exposure . Up to 6 months exposure expected . When exposure is longer please consult with the manufacturer .</li><li>• Not suitable under Unichem fast dry enamel.</li></ul>

Christchurch  
(03) 323 8743

Auckland  
(09) 265 0032

Palmerston North  
021 682 151