



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

UNISHIELD

Acrylic Modified Hi Build

Single pack, high build coating for industrial, marine maintenance and automotive use.

Formulated as a finish for coating steel in aggressive to mild environments with excellent adhesion to single and two pack primers with excellent exterior durability.

Fast drying nature allows early turnaround from the paint booth and quick through cure.

Typical Uses

- Structural Steel
- Shipping Containers
- Tank Exteriors
- Marine Topsides
- Machinery
- Heavy Trailers
- Industrial Plants
- Steel Cladding
- 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	Acrylic Modified Alkyd
Pigment Type	Titanium Dioxide plus Colours
Solvent	Aromatic / aliphatic
Pot Life	Not Applicable
Gloss Level	Good initial and retention
Volume Solids	45%
Colours Available	Large Range of colour shades.
Recommended Dry Film Thickness	50 - microns per coat
Theoretical Coverage	10.4 m ² / lt @ 50 microns DFT
Number of Coats	One (Double head coat)
Dry Time	Touch 1 hour @ 20° C Hard 4 - 5 hrs @ 20° C
Recoating Times	<u>Minimum</u> -Varies with topcoat and application. Generally overnight <u>Maximum</u> -Coating should not prove to be a problem at any time in the future. Unishield has very good key to itself and other aged coatings. Paint doesn't overharden.
Abrasion Resistance	Very good
Solvent & Chemical Resistance	Excellent
Heat Resistance	Up to 85° C (dry heat)
Durability	Excellent
Thinning & Cleanup	Enamel or Commercial Thinners
Pack Sizes	4 Litres & 20 Litres

Performance

Performance	<ul style="list-style-type: none"> • Excellent adhesion • Single Pack • Excellent Durability . • Can be used to overcoat epoxies alkyds, vinyls and some urethanes. • High Build .
Limitations	<ul style="list-style-type: none"> • Spray Application is preferred application as brushing can prove difficult. • Product is designed for outdoor exposure but it cannot however be subjected to continuous and full immersion in water. Do not use straight to metal without priming.

Christchurch
(03) 323 8743

Auckland
(09) 265 0032

Palmerston North
021 682 151