



United Paints Limited
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Manufacturers of Industrial & Decorative Coatings

PSEUDOTHANE

Isocyanate Free
 Two Component
 Acrylic – Epoxy

Two component , isocyanate free crosslinking coating formulated for very high performing coating needs .

Imparts urethane type qualities of durability , gloss , chemical and abrasion resistance in aggressive environments . However because coating does not contain isocyanates found in conventional 2 K urethanes, is accommodated easier within today’s rigid health and safety demands .

Epoxy element provides toughness and adhesion and acrylic components provide gloss and colour retention with excellent exterior durability .

Typical Uses

- Bridges
- Tank Exteriors
- Machinery
- Rolling Stock
- Industrial Plants
- Marine (Topside)
- Concrete Protection
- 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 / Epoxy Combination
Pigment Type	Organic / Inorganic
Solvent	Aromatic / Ester
Pot Life	Once mixed 8 hours min
Gloss Level	Very High Gloss
Volume Solids	46 % mixed varying with colour
Colours Available	Full colour range including clear
Recommended Dry Film Build	45 - 50 microns per coat
Theoretical Coverage	9 - 10 m ² / lt @ 50 microns DFT
Number of Coats	Two (Tack then Double head coat)
Dry Time	Touch 75 min @ 20° C Hard Overnight
Recoating Times	<u>Minimum</u> -Varies with temperature Generally 6 hours for extra coat . <u>Maximum</u> -Depending on ambient temperature 2 - 3 days maximum. Full cure may necessitate sanding .
Abrasion Resistance	Excellent
Solvent & Chemical Resistance	Excellent .
Durability	Excellent
Thinning & Cleanup	Pseudothane Reducer
Mix Ratio	1 parts paint : 1 part hardener
Pack Sizes	1 Litre & 4 Litres
Hardener Pack Sizes	1 litre , 4 litre .
Surface preparation	Surface must be free from dirt , oil grease or moisture and suitably primed to Uniteds’ recommendation.

Performance

Performance	<ul style="list-style-type: none"> • Isocyanate Free • Two Pack • Excellent long term durability . • Can be used over most two pack primers and some single pack . • Excellent chemical and abrasion resistance .
Limitations	<ul style="list-style-type: none"> • Spray Application is preferred application . • Product must be left to induct for 30 minutes prior to painting . • Avoid using coating in very humid or very cold conditions .

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