



United Paints Limited  
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Manufacturers of Industrial & Decorative Coatings

## UNITHANE

### Two Component Acrylic Urethane

Two component , non yellowing aliphatic urethane for high performing coating needs .

Recommended for fleet automotive industrial maintenance , and marine coatings providing excellent exterior durability and chemical resistance in aggressive environments .

Aliphatic crosslinking agent provides outstanding gloss and yellowing resistance .

### Typical Uses

- Fleet Automotive
- Bridges
- Tank Exteriors
- Decorative Iron
- Machinery
- Rolling Stock
- Industrial Plants
- Marine
- 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	Aliphatic / Acrylic Polymer
Pigment Type	Non Active Organic / Inorganic
Solvent	Aromatic / Ester
Pot Life	Once mixed 6 hours
Gloss Level	Very High Gloss
Volume Solids	46 % varying with colour
Colours Available	Full colour range including clear
Recommended Dry Film Build	45 - 50 microns per coat
Theoretical Coverage	11 m <sup>2</sup> /lt @ 50 microns DFT
Number of Coats	Two ( Tack then Double head coat )
Dry Time	Touch 90 min @ 20° C Hard Overnight
Recoating Times	<u>Minimum</u> -Varies with temperature Generally 3 hours for extra coat . <u>Maximum</u> -Depending on ambient temperature 6 - 8 hours maximum. Full cure may necessitate sanding .
Abrasion Resistance	Excellent
Solvent & Chemical Resistance	Excellent .
Durability	Excellent
Thinning & Cleanup	Unithane Reducer
Mix Ratio	4 parts paint : 1 part hardener
Pack Sizes	4 Litres & 20 Litres
Hardener Pack Sizes	500 mls , 1 litre , 4 litre .
Surface preparation	Surface must be free from dirt , oil grease or moisture and suitably primed to United's' recommendation.

### Performance

Performance	<ul style="list-style-type: none"> <li>• Non yellowing Aliphatic / Acrylic</li> <li>• Two Pack</li> <li>• Excellent long term durability .</li> <li>• Can be used over most two pack primers and some single pack .</li> <li>• Reasonable pot life .</li> </ul>
Limitations	<ul style="list-style-type: none"> <li>• Spray Application is preferred application .</li> <li>• Product is cured by reaction of an Aliphatic Isocyanate . Care must be taken to ensure applicator has appropriate breathing apparatus and handles product with caution .</li> </ul>

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