

TRANSCOAT 522

Alkyd Finish

Product Description	A single component alkyd gloss enamel finish.	
Recommended Use	A gloss finish coat for mild industrial and marine service, for steel work in non-aggressive environment.	
Characteristics	<ul style="list-style-type: none"> • Easily applied by spray, brush or roller. • Good gloss retention, even in industrial environment. • Suitable for areas of limited chemical exposure. • Excellent maintenance coating, compatible with a wide range of primer and existing coated surface. 	
Physical Data	Colour	Available On Request
	Gloss Level	Gloss
	Volume Solid	Approx. 53%
	Dry Film Thickness	40 microns per coat
	Number of Coat	1 - 2
	Theoretical Coverage	13.20 sq.m/ltr for 40 microns
	Temperature Resistance	Continuous : 90 ^o C (dry) Intermittent : 115 ^o C (dry)
	VOC	237 g/ltr
	Flash Point	38 ^o C
	Shelf Life	At least 12 months
	Pack Size	5 litres; 20 litres
Surface Preparation	<p>Dry abrasive blast to a minimum ISO - Sa 2 or SSPC - SP 6 "Commercial". Blast to achieve a 25 microns anchor profile as indicated with a Keane Tator Surface Profile Comparator. Remove abrasive residue or dust from surface.</p> <p>For aged coating, all intact coatings must be clean, dry and free of all contaminants, sufficiently roughened.</p>	
Application Data	Application Methods	
	Airless Spray	
	Nozzle Tip	Approx. 0.28 mm (0.011 inch)
	Nozzle Pressure	10 MPa (approx. 1400 psi)
	Conventional Spray	
	Nozzle Tip	1.8 - 2.0 mm (0.071 - 0.079 inch)
	Nozzle Pressure	0.3 MPa (approx. 43 psi)
	Brush or Roller Recommended	
	Mixing Ratio	One component
	Thinner	Thinner Trans 610
	Cleaner	Thinner Trans 120
	Surface Temperature	Should be 10 ^o C - 49 ^o C, at least 3 ^o C above the dew point to prevent condensation

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Drying Time	
Touch Dry	2 hours at 25°C, 1 hour at 32°C
Through Dry	8 hours at 25°C, 4 hours at 32°C
Overcoating	
Minimum	16 hours
Maximum	Unlimited

System Compatibility

Primer

- Transcoat 2450 ZP
- Trans Etch

For other suitable primers, please consult Transcoat Protective Coating.

Safety Precaution

Keep away from heat, spark and open flames. Avoid breathing of vapour on skin and eye contact. Keep container closed and store in cool, ventilated area when not in use.

Proper ventilation and protective measures must be provided during application and drying, to keep vapour concentration within safe limits and to protect against toxic hazard.

Necessary safety equipment must be used and ventilation requirements carefully observed, especially in confined or enclosed spaces, such as tank interior and building.

Disclaimer

The information in this product data sheet is given to the best of our knowledge based on laboratory testing and practical experience. If the product is used under condition beyond our control, we cannot guarantee anything but the quality of the products it self. The information in this product data sheet is liable for modification from time to time in the light of experience and our policy of continuous product development, and without further notice.
