

TRANSCOAT 878 HR High Temperature Silicone

Product Description A single component, silicone resin paint, based on a combination of silicone resin and pigments.

Recommended Use High temperature service such as stack and breeching.

- Characteristics**
- 100% silicone pigmented coating.
 - A heat resistance coating up to 600°C when applied over steel. Up to 400°C when applied over inorganic zinc Transcoat 95 or Transcoat 95 FT.
 - Self priming coating.
 - Good weather resistance.
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Physical Data	Colour	Red, Blue, Black, Aluminium
	Gloss level	Semi Gloss
	Volume Solid	Approx. 31%
	Dry Film Thickness	30 microns per coat
	Number of Coat	2
	Theoretical Coverage	10.3 sq.m/ltr for 30 microns
	Temperature Resistance	Continuous : 538°C (dry) Intermittent : 600°C (dry)
	VOC	329 g/ltr
	Flash Point	26°C
	Shelf Life	At least 12 months
	Pack Size	5 litres; 20 litres

Surface Preparation **Steel**
Dry abrasive blast in accordance with ISO - Sa 2.5 or SSPC - SP 10 "Near White". Blast to achieve a 25 microns anchor profile of as indicated with a Keane Tator Surface Profile Comparator.
Remove abrasive residue or dust from surface.

Application Data	Application Methods	
	Airless Spray	
	Nozzle Tip	0.38 - 0.53 mm (0.015 - 0.021 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	Only for touch up

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Mixing Ratio	One component
Thinner	Thinner Trans 620
Cleaner	Thinner Trans 120
Surface Temperature	Should be 10 ⁰ C - 49 ⁰ C, at least 3 ⁰ C above the dew point to prevent condensation
Drying Time	
Touch Dry	30 minutes at 25 ⁰ C, 20 minutes at 32 ⁰ C
Over Coating	16 hours at 25 ⁰ C, 12 hours at 32 ⁰ C
For Service	1 hour at 32 ⁰ C, followed by minimum 2 hours at 150 ⁰ C

System Compatibility	Primer (operating temperature up to 400 ⁰ C) <ul style="list-style-type: none">• Transcoat 95• Transcoat 95 FT• Transcoat SP 2005 For other suitable primers, please consult Transcoat Protective Coating.
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Safety Precaution	<p>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.</p> <p>Proper ventilation and protective measures must be provided during mixing, application and drying, to keep vapour concentration within safe limits and to protect against toxic hazard.</p> <p>Necessary safety equipment must be used and ventilation requirements carefully observed, especially in confined or enclosed spaces, such as tank interior and building.</p>
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Disclaimer	<p>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.</p>
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