

TRIMITZ SILICONE HR 670

High Temperature Silicone Aluminium



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	<ul style="list-style-type: none"> • 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 Trimitz ZS 87. • Self priming coating. • Good weather resistance. 	
Physical Data	Colour Gloss level Volume Solid Dry Film Thickness Number of Coat Theoretical Coverage Temperature Resistance VOC Flash Point Shelf Life Pack Size	Black, Aluminium Semi Gloss Approx. 31% 30 microns per coat 2 10.3 sq.m/ltr for 30 microns Continuous : 538°C (dry) Intermittent : 600°C (dry) 329 g/ltr 26°C At least 12 months 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 Trimitz 910
Cleaner	Thinner Trimitz 930
Surface Temperature	Should be 10°C - 49°C, at least 3°C above the dew point to prevent condensation
Drying Time	
Touch Dry	30 minutes at 25°C, 20 minutes at 32°C
Over Coating	16 hours at 25°C, 12 hours at 32°C
For Service	1 hour at 32°C, followed by minimum 2 hours at 150°C

System Compatibility	Primer (operating temperature up to 400°C) <ul style="list-style-type: none">• Trimitz ZS 87 For other suitable primers, please consult Trimitz 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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