



## Product data sheet

### REVONPRO 400 RV 712

#### High Temperature Silicone Aluminium

##### PRODUCT DESCRIPTION

A single component, silicone resin aluminium paint, based on a combination of silicon resin and aluminium pigment.

##### RECOMMENDED USE

High temperature service such as stack and breeching.

##### CHARACTERISTICS

- 100% silicone aluminium coating.
- A heat resistance coating up to 400°C.
- Self priming coating.
- Good weather resistance.

##### PHYSICAL DATA

Colour	Aluminium, Grey, Black
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/ℓ for 30 microns
Temperature Resistance	Continuous : 400°C (dry) Intermittent : 538°C (dry)
VOC	329 g/ℓ
Flash Point	26°C
Shelf Life	At least 12 months

##### SURFACE PREPARATION

##### Steel

Dry abrasive blast in accordance with ISO – Sa 2.5 or<sup>1</sup> 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	0.38 – 0.53 mm (0.015 – 0.021 inch)
Nozzle Tip	10 MPa (approx. 1400 psi)
Nozzle Pressure	
Conventional Spray	1.8 – 2.0 mm (0.071 – 0.079 inch)
Nozzle Tip	0.3 MPa (approx. 43 psi)
Nozzle Pressure	
Brush or Roller	Only for touch up
<b>Mixing Ratio</b>	One component
<b>Thinner</b>	REVONER 117
<b>Surface Temperature</b>	Should be 10°C – 49°C, at least 3°C above the dew point to prevent condensation
<b>Drying Time</b>	
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 at 150°C 2 hours

##### 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 mixing, 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.*

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## **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*