



Product data sheet

REVONMASTIC-ST RV 216

Polyamine Epoxy Mastic

PRODUCT DESCRIPTION	A high build epoxy mastic primer.																																		
RECOMMENDED USE	Surface tolerant epoxy for general maintenance coating which can be applied to new or old steel and resists to splash / spillage of a wide range of chemicals.																																		
CHARACTERISTICS	<ul style="list-style-type: none">• Surface tolerant coating for lower grade of steel surface preparation.• Excellent corrosion resistance and good flexibility.• High performance self-priming topcoat.• Compatible with various aged coatings.																																		
PHYSICAL DATA	<table><tr><td>Colour</td><td>Grey</td></tr><tr><td>Gloss level</td><td>Doff/ Satin</td></tr><tr><td>Volume Solid</td><td>Approx. 91%</td></tr><tr><td>Dry Film Thickness</td><td>125 microns per coat</td></tr><tr><td>Number of Coat</td><td>2 – 3</td></tr><tr><td>Theoretical Coverage</td><td>7.20 sq.m/ℓ for 125 microns</td></tr><tr><td>Temperature Resistance</td><td>Maximum : 93°C (dry)</td></tr><tr><td>VOC</td><td>307 g/ℓ</td></tr><tr><td>Flash Point</td><td>Base : 24°C Hardener : 40°C</td></tr><tr><td>Shelf Life</td><td>At least 12 months</td></tr><tr><td>Pack Size</td><td>20 Kgs unit</td></tr><tr><td></td><td>Base : 16 Kgs , Hardener : 4 Kgs</td></tr></table>	Colour	Grey	Gloss level	Doff/ Satin	Volume Solid	Approx. 91%	Dry Film Thickness	125 microns per coat	Number of Coat	2 – 3	Theoretical Coverage	7.20 sq.m/ℓ for 125 microns	Temperature Resistance	Maximum : 93°C (dry)	VOC	307 g/ℓ	Flash Point	Base : 24°C Hardener : 40°C	Shelf Life	At least 12 months	Pack Size	20 Kgs unit		Base : 16 Kgs , Hardener : 4 Kgs										
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SURFACE PREPARATION	Dry abrasive blast in accordance with ISO – Sa 2.5 or SSPC – SP 10 "Near White". Remove abrasive residue or dust from surface.																																		
APPLICATION DATA	<table><tr><td colspan="2">Application Methods</td></tr><tr><td>Airless Spray</td><td></td></tr><tr><td> Nozzle Tip</td><td>Approx. 0.46 mm (0.018 inch)</td></tr><tr><td> Nozzle Pressure</td><td>10 MPa (approx. 1400 psi)</td></tr><tr><td>Conventional Spray</td><td></td></tr><tr><td> Nozzle Tip</td><td>Approx. 1.8 mm (0.071 inch)</td></tr><tr><td> Nozzle Pressure</td><td>0.3 MPa (approx. 43 psi)</td></tr><tr><td> Brush or Roller</td><td>Can be applied by brush or roller but may require several coats to achieve the same film thickness</td></tr><tr><td>Mixing Ratio By Volume</td><td>Base : Hardener = 4 : 1</td></tr><tr><td>Thinner</td><td>REVONER 112</td></tr><tr><td>Surface Temperature</td><td>Should be 10°C – 49°C, at least 3°C above the dew point to prevent condensation</td></tr><tr><td>Drying Time</td><td></td></tr><tr><td> Touch Dry</td><td>2 hours at 25°C, 1 hour at 32°C</td></tr><tr><td> Through Dry</td><td>14 hours at 25°C, 7 hours at 32°C</td></tr><tr><td> Recoat Time</td><td>10 hours at 25°C, 5 hours at 32°C</td></tr><tr><td> Curing Time</td><td>9 days (under ventilated conditions)</td></tr><tr><td>Pot Life</td><td>2 hours at 25°C, 1 hours at 32°C</td></tr></table>	Application Methods		Airless Spray		Nozzle Tip	Approx. 0.46 mm (0.018 inch)	Nozzle Pressure	10 MPa (approx. 1400 psi)	Conventional Spray		Nozzle Tip	Approx. 1.8 mm (0.071 inch)	Nozzle Pressure	0.3 MPa (approx. 43 psi)	Brush or Roller	Can be applied by brush or roller but may require several coats to achieve the same film thickness	Mixing Ratio By Volume	Base : Hardener = 4 : 1	Thinner	REVONER 112	Surface Temperature	Should be 10°C – 49°C, at least 3°C above the dew point to prevent condensation	Drying Time		Touch Dry	2 hours at 25°C, 1 hour at 32°C	Through Dry	14 hours at 25°C, 7 hours at 32°C	Recoat Time	10 hours at 25°C, 5 hours at 32°C	Curing Time	9 days (under ventilated conditions)	Pot Life	2 hours at 25°C, 1 hours at 32°C
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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 topic hazard.</p>																																		



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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.