



## REVONCOAL RV 213

### Coaltar Epoxy

<b>PRODUCT DESCRIPTION</b>	High build polyamide cured coaltar epoxy coating.																						
<b>RECOMMENDED USE</b>	Can be used in a wide variety of immersion conditions, typically splash zone areas of offshore platforms and drilling rigs, piling and bridges and tank lining. For factory and site application, and as an industrial maintenance coating																						
<b>CHARACTERISTICS</b>	<ul style="list-style-type: none"><li>For tank lining, intermittent or continuous immersion service in crude oil, salt solution, fresh water and seawater.</li><li>For marine structures, piling, hulls and ship bottoms.</li><li>Good resistance against chemically polluted water.</li><li>Good abrasion resistance</li></ul>																						
<b>PHYSICAL DATA</b>	<table><tr><td><b>Colour</b></td><td>Black and Brown</td></tr><tr><td><b>Gloss Level</b></td><td>Flat</td></tr><tr><td><b>Volume Solid</b></td><td>Approx. 77%</td></tr><tr><td><b>Dry Film Thickness</b></td><td>400 microns per coat</td></tr><tr><td><b>Number of Coat</b></td><td>1</td></tr><tr><td><b>Theoretical Coverage</b></td><td>1.90 sq.m/ℓ for 400 microns</td></tr><tr><td><b>Temperature Resistance</b></td><td>150°C (dry) 60°C (wet)</td></tr><tr><td><b>VOC</b></td><td>268 g/ℓ</td></tr><tr><td><b>Flash Point</b></td><td>Base : 27°C Hardener : 27°C</td></tr><tr><td><b>Shelf Life</b></td><td>At least 12 month</td></tr><tr><td><b>Pack Size</b></td><td>20 Kgs unit Base : 16 Kgs , Hardener : 4 Kgs</td></tr></table>	<b>Colour</b>	Black and Brown	<b>Gloss Level</b>	Flat	<b>Volume Solid</b>	Approx. 77%	<b>Dry Film Thickness</b>	400 microns per coat	<b>Number of Coat</b>	1	<b>Theoretical Coverage</b>	1.90 sq.m/ℓ for 400 microns	<b>Temperature Resistance</b>	150°C (dry) 60°C (wet)	<b>VOC</b>	268 g/ℓ	<b>Flash Point</b>	Base : 27°C Hardener : 27°C	<b>Shelf Life</b>	At least 12 month	<b>Pack Size</b>	20 Kgs unit Base : 16 Kgs , Hardener : 4 Kgs
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<b>SURFACE PREPARATION</b>	Dry abrasive blast in accordance with ISO – Sa 2.5 or SSPC – SP 10 “Near White”. Blast to achieve a 50 – 100 microns anchor profile as indicated by a Keane Tator Surface Profile Comparator. Remove abrasive residue or dust from surface.																						
<b>APPLICATION DATA</b>	<b>Application Methods</b>																						

#### Airless Spray

Nozzle Tip	0.46 – 0.58 mm (0.018 – 0.023 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

#### **Mixing Ratio By Volume**

Base : Hardener = 4 : 1

#### **Thinner**

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#### **Surface Temperature**

Should be 10<sup>0</sup>C – 49<sup>0</sup>C, at least 3<sup>0</sup>C above the dew point to prevent condensation

#### **Drying Time**

Touch Dry	5 hours at 25 <sup>0</sup> C, 3 hours at 32 <sup>0</sup> C
Over coating Interval	

Minimum	5 hours at 25 <sup>0</sup> C, 3 hours at 32 <sup>0</sup> C
Maximum	24 hours at 25 <sup>0</sup> C, 12 hours at 32 <sup>0</sup> C

Full Cure	10 days at 25 <sup>0</sup> C, 5 days at 32 <sup>0</sup> C
<b>Pot Life</b>	

4 hours at 25 <sup>0</sup> C, 2 hours at 32 <sup>0</sup> C
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#### **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 topic 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.*