



## Product data sheet

# REVONPOX PHENOLIC RV 217

## Epoxy Phenolic

### PRODUCT DESCRIPTION

High build amine cured phenolic epoxy finish.

### RECOMMENDED USE

Excellent protection against corrosive chemical and weather environments. Also used as a water tank lining to protect steel and concrete surfaces exposed to immersion in water.

### CHARACTERISTICS

- Excellent resistant to continuous service for crude and fuel oils, solvent, caustic.
- Withstands continuous immersion in water up to 60°C.
- Lining for contact with dry food (food grade)
- Economical water tank lining, requires only 2 coats.
- Tank lining for ship tanks, storage tanks, road tankers in petrochemical industries. It may be cleaned with hot water cleaning up to 80°C.

### PHYSICAL DATA

<b>Colour</b>	White, Grey and Cream
<b>Finish</b>	Flat
<b>Volume Solid</b>	Approx. 65%
<b>Dry Film Thickness</b>	125 microns per coat
<b>Number of Coat</b>	2 or 3
<b>Theoretical Coverage</b>	5.20 sq.m/ℓ for 125 microns
<b>Temperature Resistance</b>	121°C (dry) 60°C (wet)
<b>VOC</b>	321 g/ℓ
<b>Flash Point</b>	Base : 39°C Hardener : 28°C
<b>Shelf Life</b>	At least 12 months
<b>Pack Size</b>	20 Kgs unit Base : 16 Kgs , Hardener : 4 Kgs

### SURFACE PREPARATION

#### Steel

- Dry abrasive blast in accordance with ISO – Sa 2.5 or SSPC – SP 10 “Near White”.
- Blast to achieve an anchor profile of 25 – 50 microns as determined with a Keane Tator Surface Profile Comparator.
- Remove abrasive residue or dust from surface.

#### Concrete

- Abrasive blast to ASTM D 4259.
- Surface must be free of moisture, grease and other contaminants.

### APPLICATION DATA

#### Application Methods

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)
<b>Mixing Ratio By Volume</b>	Base : Hardener = 4 : 1
<b>Thinner</b>	REVONER 112
<b>Surface Temperature</b>	Should be 10°C – 49°C, at least 3°C above the dew point to prevent condensation



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**Drying Time**

Touch Dry  
Through Dry

3 hours at 25°C, 1.5 hours at 32°C  
11 hours at 25°C, 7 hours at 32°C

**Recoat Interval**

Minimum  
Maximum

8 hours at 25°C, 4 hours at 32°C  
7 days

Full Cure

8 days

**Pot Life**

4 hours at 25°C, 2 hours at 32°C

**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.*

**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.*