



Product data sheet

REVONPOX LINING : RV 214

Polyamine Epoxy

PRODUCT DESCRIPTION

High solid polyamine cured epoxy lining.

RECOMMENDED USE

Two components high solids epoxy for tank lining, interior of steel tanks, pipelines, hopper cars and splash zone.

CHARACTERISTICS

- Tank coating with good chemical resistance against a wide range of chemicals
- Good immersion resistant to water, fuel and a wide range of chemicals.
- Lining for contact with dry foods.
- Resistant to salt and fresh water.
- Highly abrasion and impact resistant.
- Excellent resistant to continuous service for crude and fuel oils, solvent, caustic

PHYSICAL DATA

Colour	Available On Request
Gloss Level	Satin
Volume Solid	Approx. 91%
Dry Film Thickness	125 microns per coat
Number of Coat	2
Theoretical Coverage	7.20 sq.m/ℓ for 125 microns
Temperature Resistance	Continuous : 95°C (dry), 50°C (wet)
VOC	108 g/ℓ
Flash Point	Base: 42°C Hardener: 56°C
Shelf Life	At least 12 months
Pack Size	20 kg

SURFACE PREPARATION

Steel

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

APPLICATION DATA

Application Methods

Airless Spray	0.46 – 0.58 mm (0.018 – 0.023 inch)
Nozzle Tip	10 MPa (approx. 1400 psi)

Conventional Spray	1.8 – 2.0 mm (0.071 – 0.079 inch)
Nozzle Tip	0.3 MPa (approx. 43 psi)

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 3 hours at 25°C, 1.5 hours at 32°C

Through Dry 24 hours at 25°C, 13 hours at 32°C

To Recoat

Minimum 16 hours at 25°C, 8 hours at 32°C

Maximum 3 weeks

Full Cure 7 days (under ventilated conditions)

Pot Life 10 hours at 25°C, 5 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 topical hazard.



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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.