



Product data sheet

REVONPOX UC : RV : 260 Epoxy Underwater Coating

PRODUCT DESCRIPTION Revonpox UC RV 260 A two component, solvent free epoxy which can be applied underwater, and will cure underwater to give a corrosion and abrasion resistant coating

RECOMMENDED USE is designed to provide corrosion protection for metal and concrete structures in offshore marine and petrochemical services, sheet piles, underground and submarine pipes, waste water tanks, jetty piles, underground tanks and other structural steel that requires protection against corrosion in aggressive environment. It is most suitable for rehabilitation of corroded steel and concrete structures in tidal zone and below water line where conventional protective coatings are not applicable. It is an ideal maintenance coating for cold pipes with condensation

- CHARACTERISTICS**
- Zero VOC – Solvent free product
 - Suitable for cold sweating steel surfaces.
 - Chemical resistant - Good resistance against wide range of chemicals.
 - Under-water curing - capable of application and curing under water
 - Cures at low temperature

PHYSICAL DATA

Colour	Green
Gloss Level	Not applicable
Volume Solid	Approx. 100%
Dry Film Thickness	3000 microns per coat
Number of Coat	1
Theoretical Coverage	0.30 sq.m/ℓ for 3000 microns
Temperature Resistance	Continuous : 95°C (dry), 50°C (wet)
VOC	108 g/ℓ
Flash Point	Base: >214°F (>101°C) Hardener: >214°F (>101°C)
Shelf Life	At least 12 months
Pack Size	5 kg
Mixing Ratio By Volume	Base : Hardener = 4 : 1
Thinner	Not recommended
Surface Temperature	Should be 10°C – 49°C, at least 3°C above the dew point to prevent condensation
Pot life	50°F (10°C) 59°F (15°C) 77°F (25°C) 104°F (40°C) 90 minutes 75 minutes 60 minutes 15 minutes

Drying Time

Substrate Temperature	Touch dry	Hard dry	To TOP Coat	
			Minimum	Maximum
77°F 25 °C	Not applicable	8 hours	Not applicable	Not applicable
104°F 40 °C	Not applicable	12 hours	Not applicable	Not applicable



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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

Hand moulding, Palette knife, Trowel, Roller

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.

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.