

Product Data Sheet

FOXAPOX ZONE (OX-503)

Modified Epoxy

PRODUCT DESCRIPTION

High solids modified cured epoxy coating.

RECOMMENDED USE

Designed for offshore splashzone maintenance where its continued cure under immersed conditions is required. May be applied to slightly damp surfaces.

CHARACTERISTICS

- Excellent durability in marine atmosphere
- Resist splash, spillage and fumes of mild acids, alkalises, salts solutions and solvents.
- Build coat or finish coat for the protection of steel and concrete in structure exposed to aggressive atmospheric condition.

PHYSICAL DATA

Colour	Standard Range
Gloss level	Gloss
Volume Solid	Approx. 85%
Dry Film Thickness	350-500 microns per coat
Number of Coat	1
Theoretical Coverage	1.70 m ² /l at 500 microns
Temperature Resistance	Continuous : 93 ⁰ C (dry) Intermittent : 120 ⁰ C(dry)
VOC	130 g/l
Flash Point	Base Hardener : 27 ⁰ C
Shelf Life	At least 12 months
Pack Size	Base : 16 Kgs , Hardener : 4 Kgs

SURFACE PREPARATION

Steel
Refer to specific instruction for primer coats being used for application. All previous coats must be clean and dry. Old coating system must be roughened, cleaned and dry.

Concrete
Abrasive blast to ASTM D 4259. No primer normally required.

APPLICATION DATA

Application Methods	
Airless Spray	0.46 – 0.58 mm (0.018 – 0.023 inch)
Nozzle Tip	10 MPa (approx. 1400 psi)
Nozzle Pressure	
Conventional Spray	1.8 – 2.0 mm (0.071 – 0.079 inch)
Nozzle Tip	0.3 Mpa (approx. 43 psi)
Nozzle Pressure	
Brush or Roller Only for touch up and for first coat to concrete surfaces	
Mixing Ratio By Volume	Base : Hardener = 4 : 1
Thinner	FOXANER 005
	Should be 10 ⁰ C – 49 ⁰ C, at least 3 ⁰ C above the dew point to prevent condensation
Surface Temperature	
Drying Time	

Touch Dry	4 hours at 25 ⁰ C, 12 hours at 40 ⁰ C
Hard Dry	8 hours at 25 ⁰ C, 3 hours at 40 ⁰ C
Over coating Interval	10 hours at 25 ⁰ C, 5 hours at 32 ⁰ C
Minimum	Unlimited (must be roughened)
Maximum	
Pot Life	1 hour at 25 ⁰ C, 2 hours at 32 ⁰ 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 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.

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