Product Data Sheet

FOXAPOX-GL (OX-520 GL)

Polyamide Epoxy

PRODUCT DESCRIPTION

A gloss high build polyamide cured epoxy coating.

RECOMMENDED USE

Suitable for use in both maintenance and new construction situations as part of an anti-corrosive coating system and protect steel and concrete surfaces against alkaline, salt and solvent solution.

CHARACTERISTICS

- Good resistance to splash, spillage and fumes of alkaline, salt and solvent solution.
- Hard and abrasion resistance.
- Resist continuous immersion in alkaline (up to 50% concentration) at ambient temperature.
- Resist continuous immersion in petroleum products such as motor fuels, jet fuels, diesel oil and gasoline.
- Resist continuous immersion in salt solution, fresh or demineralised water.

PHYSICAL DATA

Colour	Available On Request	
Gloss level	Gloss	
Volume Solid	Approx. 70%	
Dry Film Thickness	125 microns per coat	
Number of Coat	2 – 3	
Theoretical Coverage	5,60 sq.m/ for 125 microns	
Temperature Resistance	Maximum	: 93^0C (dry)
VOC	313 g/	
Flash Point	Base	: 24^0C
	Hardener	: 40^0C
Shelf Life	At least 12 months	
Pack Size		
20 Kgs unit	Base : 16 Kgs , Hardener : 4 Kgs	

SURFACE PREPARATION

Dry abrasive blast in accordance with ISO – Sa 2.5 or SSPC – SP 10 “Near White”. Remove abrasive residue or dust from surface..

APPLICATION DATA

Application Methods	
Airless Spray	
Nozzle Tip	Approx. 0.46 mm (0.018 inch)
Nozzle Pressure	10 MPa (approx. 1400 psi)
Conventional Spray	
Nozzle Tip	Approx. 1.8 mm (0.071 inch)

Nozzle Pressure	0.3 MPa (approx. 43 psi)
Brush or Roller	Can be applied by brush or roller but may require several coats to achieve the same film thickness
Mixing Ratio By Volume	Base : Hardener = 4 : 1
Thinner	FOXANER 005
Surface Temperature	Should be 10^0C – 49^0C, at least 3^0C above the dew point to prevent condensation
Drying Time	
Touch Dry	2 hours at 25^0C, 1 hour at 32^0C
Through Dry	14 hours at 25^0C, 7 hours at 32^0C
Recoat Time	10 hours at 25^0C, 5 hours at 32^0C
Curing Time	9 days (under ventilated conditions)
Pot Life	8 hours at 25^0C, 4 hours at 32^0C

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.

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