

## **FOXAPOX-GL (OX-501 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 up to 60°C.

PHYSICAL DATA

Colour

Available On Request

Gloss level

Volume Solid Dry Film Thickness

125 microns per coat

Number of Coat Theoretical Coverage

4.40 sq.m/l for 125 microns

**Temperature Resistance** : 93<sup>0</sup>C (dry)

VOC

Flash Point : 24<sup>0</sup>C

: 40<sup>0</sup>C

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
Nozzle Pressure

Approx. 0.46 mm (0.018 inch)
10 MPa (approx. 1400 psi)

Conventional Spray
Nozzle Tip
Nozzle Pressure
Approx. 1.8 mm (0.071 inch)
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

Mixing Ratio By Volume Thinner

**Surface Temperature** 

**Drying Time** 

Touch Dry Through Dry Recoat Time Curing Time

Pot Life

Base : Hardener = 4 : 1

FOXANER 005

Should be  $10^{0}$ C –  $49^{0}$ C, at least  $3^{0}$ C above the dew point to prevent condensation

2 hours at 25°C, 1 hour at 32°C 14 hours at 25°C, 7 hours at 32°C 10 hours at 25°C, 5 hours at 32°C 9 days (under ventilated conditions)

8 hours at 25<sup>o</sup>C, 4 hours at 32<sup>o</sup>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.

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