

FOXATHANE-S (OX-702)

Polyurethane Satin

PRODUCT DESCRIPTION	A two components acrylic aliphatic polyurethane satin finish coat.	
RECOMMENDED USE	Polyurethane satin finish coat where attractive appearance and a wide range of protection is required.	
CHARACTERISTICS	<ul style="list-style-type: none"> • Outstanding weather resistance with excellent colour retention. • Resistance to broad range of corrosive atmospheres. • Hard, tough and abrasion resistance. • Excellent resistance to atmospheric exposure • Good resistance to splash and spillage of acids, alkalises, salt solutions and aliphatic petroleum products. • Can be recoated even after long atmospheric exposure. 	
PHYSICAL DATA	Colour	Available On Request
	Gloss Level	Satin
	Volume Solid	Light Colour, approx. 49% Dark Colour, approx. 45%
	Dry Film Thickness	40 – 60 microns per coat
	Number of Coat	1 or 2
	Theoretical Coverage	Light Colour, 9.80 sq.m/ℓ for 50 microns Dark Colour, 9.00 sq.m/ℓ for 50 microns
	Density	1.2 kg/ℓ
	Temperature Resistance	Continuous : 93°C (dry) Intermittent : 121°C (dry)
	VOC	303 g/ℓ
	Flash Point	Base : 29°C Hardener : 38°C
	Shelf Life	At least 12 months
	Pack Size	
	5 litres unit	Base : 4 litres , Hardener : 1 litre
	20 litres unit	Base : 16 litres , Hardener : 4 litres
SURFACE PREPARATION	Refer to specific instructions for primer and intermediate coats being used for application. All previous coats must be clean and dry. Old coating system must be roughened, cleaned and dry.	
APPLICATION DATA	Application Methods	
	Airless Spray	
	Nozzle Tip	0.46 – 0.58 mm (0.018 – 0.023 inch)
	Nozzle Pressure	10 MPa (approx. 1400 psi)
	Conventional Spray	
	Nozzle Tip	1.8 – 2.0 mm (0.071 – 0.079 inch)
	Nozzle Pressure	0.3 MPa (approx. 43 psi)
	Brush or Roller	Recommended
	Mixing Ratio By Volume	Base : Hardener = 7 : 1
	Thinner	FOXANER 007
	Surface Temperature	Should be 10°C – 49°C, at least 3°C above the dew point to prevent condensation
	Drying Time	
	Touch Dry	1 hour at 25°C, 30 minutes at 32°C
	Trough Dry	7 hours at 25°C, 4 hours at 32°C
	Over coating	
	Minimum	4 hours at 25°C, 2 hours at 32°C
	Maximum	Unlimited
	Full Cure	7 days
	Pot Life	18 hours at 25°C, 8 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 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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