

Product Data Sheet

FOXACRYL-FP (OX-165SB) Solvent Borne Intumescent Coating

PRODUCT DESCRIPTION

A single component intumescent coating to provide fire protection for plants or facilities that have a steel structure and handle flammable materials

RECOMMENDED USE

To provide up to 2 hours cellulosic fire protection on beams, columns and hollow sections

PHYSICAL DATA

Colour	White
Gloss Level	Matt
Volume Solid	Approx. 60 +_2%
Dry Film Thickness	300-700 microns
Number of Coat	2-3
Theoretical Coverage	0.88 m ² /ltr for 700 microns
Density	316,8 g/ +
VOC	20 g/ +
Flash Point	25°C
Shelf Life	At least 12 months
Pack Size	20 Kgs

SURFACE PREPARATION

All surfaces to be coated should be clean, dry and free from contamination. Prior to paint application, all steel surfaces should be assessed and treated in accordance with ISO 8504:2000.

Oil or grease should be removed in accordance with SSPC-SP1 Solvent Cleaning.

Primed Steelwork

Foxacryl-FP; OX-165 should always be applied over a recommended anti-corrosive coating scheme. The primer surface should be dry and free from all contamination. Areas of breakdown, damage etc., should be prepared to the specified standard (e.g. Sa2½ (ISO 8501-1:2007) or SSPC-SP6, Abrasive Blasting, or SSPC-SP11, Power Tool Cleaning) and a full coat of primer applied prior to overcoating with Foxacryl-FP; OX-165.

Metallic Zinc Primed Surfaces

Foxacryl-FP; OX-165 can be applied over approved epoxy metallic zinc primers, provided that these have been overcoated with an approved tie coat. Ensure that the primed surface is clean, dry and free from contamination prior to application of the Foxacryl-FP; OX-165.

APPLICATION DATA

Application Methods

Airless Spray	
Nozzle Orifice	0.025' – 0.032'
Output Pressure	1.800 – 2.00 psi/ 120-150 atm
Brush, Roller	

Mixing Ratio

One component

Thinner

Foxanner 001

Cleaner

Thinner 006

Surface Temperature

Should be 10°C – 49°C, at least 3°C above the dew point to prevent condensation

Drying Time

Touch Dry	2 hours at 25°C, 1 hour at 40°C
Hard Dry	12 hours at 25°C, 3 hour at 40°C
Over coating	
Minimum	3 hours at 25°C, 1 hour at 32°C
Maximum	6 months (roughened and dry)

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.

DISCLAIMER

Necessary safety equipment must be used and ventilation requirements carefully observed, especially in confined or enclosed spaces, such as tank interior and building. 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.

ISSUED: November 2021