

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 USETo provide up to 2 I

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

PHYSICAL DATA Col

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 m²/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 RatioOne componentThinnerFoxanner 001CleanerThinner 006

Surface Temperature Should be $10^{\circ}\text{C} - 49^{\circ}\text{C}$, 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 topic 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