

MORSUN HIGH SOLIDS SURFACE TOLERANT ANTI-CORROSIVE EPOXY COATING- ELPF

PRODUCT CODE
MCS-EF-279
PRODUCT DESCRIPTION

A two component Special Polyamine Adduct cured, High solids, self-priming, surface tolerant finish coat based on liquid Polysulfide modified epoxy resin

SUGGESTED USES

An ideal yet economical protective coating for rusty steel where elaborate surface preparation is not possible. 'ELPF' (Epoxy Liquid Polysulfide Flexible) has excellent adhesion to various uncoated surfaces, as well as previously coated surfaces, making it an ideal maintenance coating. 'ELPF' has low permeability, excellent flexibility and good U.V. resistance making it suitable for use in severe industrial and marine environments subject to attack of acids, alkalis, solvents and salts. Typically used on structural steel, concrete tanks, bridges, offshore structures, power plants and chemical plants. 'ELPF' is an excellent coating for re-bars and bonding with concrete is excellent. Good abrasion resistance. An excellent coating for Ballast tanks, D.B. tanks, Void spaces onboard vessels primed with 'PS 701' Advantage over Conventional High Build epoxies: Better surface tolerance, better outdoor durability under marine environment and better maintenance properties

TECHNICAL DATA

Colour	As required
Finish / Sheen	Semi-glossy to Glossy
Volume Solids	85% + 2
Mix Ratio	4 : 1 by volume Equivalent to 5:1 by weight
Pot Life	5 hours @ 30°C
Recommended dft	75 µ minimum
Theoretical Covering	11.3 M2 / litre @ 75µ dft
Thinner Recommended	None for application. Use Morsun Epoxy Thinner for cleaning brush or spray equipment
Method of Application	Brush/Roller/Con./Airless Spray
Airless Spray	Tip size: 0.018"-0.023" : Fluid Pressure: 2500-3500 psi
Drying Time	Surface dry : 5 hours @ 30°C
Hard dry	16 hours @ 30°C
Full Cure	7 days for maximum resistance
Overcoating Interval	Minimum 5 Hours, Maximum 3 Months
Surface Preparation	Remove loose rust, dust, alkaline salt deposition and marine growth, if any by manual or power tool cleaning method. For best results, blast clean the surface to Sa 2.5 standard. Consult Morsun technical service for extent of surface tolerance for ELPF
Shelf Life	12 months from the date of manufacture
Safety Precautions	Normal
Standard Packing	4 litre 20 litre Base 3.2 lt. 16 lt. Converter 0.8 lt. 4 lt

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