

EPOXY HB SURFACE TOLERANT ANTICORROSIVE EPOXY COATING (DIRECT-TO-METAL COATING)

PRODUCT CODE

MCS-SC-514

PRODUCT DESCRIPTION

A two component Modified Epoxy and Polyamine Cured High Build, self-priming, Surface Tolerant Epoxy Coating suitable as a one coat systems (Direct-to-Metal). Apply one coat over cleaned surface free from oil, grease & moisture and get anti-corrosive surface in few hours. Coating is hard enough to resist minor mechanical abrasion. Service life is up to 10 years in medium corrosivity (C-3) environment

SUGGESTED USES

An ideal yet economical protective coating for rusty steel where elaborate surface preparation is not possible. The coating has excellent adhesion to various uncoated surfaces, as well as previously coated surfaces Epoxy/Polyurethane, making it an ideal maintenance coating. This Epoxy coating has low permeability, excellent flexibility and good chemical resistant 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, appliances, concrete tanks, bridges, offshore structures, power plants and chemical plants. Good coating for Ballast tanks. If required, The coating may be over-coated with alkyd, chlorinated rubber, acrylic, epoxy and Polyurethane coatings

TECHNICAL DATA

Limitations	Not recommended for immersion in acids, alkalies and solvents
Colour	White / Grey or Pastel shade
Finish / Sheen	Egg Shell to Semi-glossy
Volume Solids	60% + 2
Mix Ratio	4 : 1 by volume
Pot Life	2 hours @ 30°C
Recommended dft	100 µ minimum
Theoretical Covering	6.0 M2 / litre @ 100µ dft
Thinner Recommended	None for application. Use Morsun Epoxy Thinner for cleaning brush or spray equipment
Method of Application	Brush/Roller/Conventional/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 16 Hours, Maximum Within 7 days
Surface Preparation	Mild Steel - 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 other substrates and extent of surface tolerance of this product
Shelf Life	12 months from the date of manufacture
Safety Precautions	Normal
Standard Packing	4 litre pack: Base 3.2 lt. + Converter 0.8 lt. 20 litre pack: Base 16 lt. + Converter 4 lt.

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