

MORSUN ZINC RICH EPOXY PRIMER

PRODUCT CODE

MCS-EP-240

PRODUCT DESCRIPTION

A two pack Epoxy Primer enriched with metallic zinc that provides outstanding performance on blast cleaned steel surfaces as it imparts cathodic protection to the base metal. It has more than 80% Metallic Zinc in dry film

SUGGESTED USES

Morsun Zinc Epoxy Primer is suitable for application as a priming coat on structural steel, pipelines, tanks exterior, etc. of refineries, petrochemicals, fertilizers, power generation plants, mining facilities, ship building and bulk handling equipment. Suitable as Zinc Rich Epoxy Primer in C4 corrosivity and 15 years durability Paint Scheme as per ISO 12944 -5

TECHNICAL DATA

Temperature (Dry Heat)	250°C intermittent
Weatherability	Excellent. Should be top coated for durability
Colour	Grey
Volume Solids	62% + 3
Mixing Ratio by Vol	5 : 1
Pot Life	6 hours
Recommended DFT	75 Micron
Theoretical Spreading	8.3 M2/Litre at 75µ
Drying Time	Surface Dry : 15 -30 Minutes
Hard Dry	8-10 hours
Dry to handle	4-6 hours
Method of Application	Brush, Roller, Airless & Conventional Spray. Steel surface to be coated should be abrasive blasted to Sa 21/2 and free all contaminants. The temperature of the substrate should be minimum 5°C and drying. Continuous stirring during at least 3°C above the dew point of the air, temperature and relative humidity measured in the vicinity of the substrate. Good ventilation is required in confined areas to ensure correct application will prevent the heavy zinc pigments from settling
Airless Spray	Tip size: 0.021"- 0.026" : Fluid pressure: 2500- 3000 psi
Finish	Matt
Overcoating Interval	Min 6 hours depending on Ambient temperature
Shelf Life	6 months in Sealed Containers
Standard Packing	20 Litres, 4 Litres
Limitations	Being zinc based the coating is not resistant to acid and alkali. Overcoating with suitable topcoat should be carried out without delay. On over exposure zinc salts may get deposited on the surface, which should be thoroughly cleaned before overcoating

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