LPOXY HIGH SOLIDS SELF PRIMING COATING

PRODUCT CODE

MCS-ST-323

PRODUCT DESCRIPTION

A two component Polyamide cured, self-priming surface tolerant coating based on liquid Polysulfide modified epoxy resin

SUGGESTED USES

An ideal high solids protective coating for tank lining for storage of petroleum products with different additives and aviation fuel. Also ideal for DM water, Ballast and Potable water storage tanks, beneath insulation, areas of condensation, etc. A highly effective protective coating for off shore structures. For specific chemical and elevated temperature application refer to our chemical resistance guide.

TECHNICAL DATA	
Advantages over	Better application / adhesion and improved Conventional Epoxy performance over manually prepared surfaces
Colour	As required
Finish / Sheen	Semi- glossy
Volume Solids	85% + 2
Mix Ratio	4 : 1 by volume
Pot Life	4 hours @ 30°C
Recommended DFT	Consult our technical service department
Theoretical Covering	8.5 M2 / litre @ 100 µ dft (120 µ wft.)
Mode of Application	Airless spray
Airless Spray	Tip Size : 0.018" – 0.023"
Fluid Pressure	2000-2500 psi
Thinner Recommended	None for application. However Morsun Epoxy Thinner is recommended for cleaning spray equipment
Drying Time	Surface dry : 3 hours @ 30°C
Hard dry	10 hours @ 30°C
Full Cure	7 days for maximum resistance
Overcoating Interval	Min. 3 hours, Max. 72 hours
Surface Preparation	Remove loose rust, dust, alkaline salt deposition and marine growth, if any by manual or power tool cleaning method. ST-323 adheres well to tightly held rust. Consult Morsun technical service for extent of surface tolerance for ST-323
Shelf Life	12 months from the date of manufacture
Safety Precautions	Normal
Standard Packing	4 litre pack: Base 3.2 litres + Converter 0.8 litre | 20 litre pack: Base 16 litres + Converter 4 litre