

MORSUN SOLVENT FREE ANTICORROSIVE EPOXY COATING EPI & EPII CONFORMING TO NCD-1457

PRODUCT CODE

MCS-NS-716

PRODUCT DESCRIPTION

A two component Polyamide cured Solvent Free Anti-corrosive Epoxy coating developed by the Naval Materials Research Laboratory (a unit of DRDO) available in two grades EP I and EP II, applied by stiff bristle brush or roller suitable for application on thoroughly prepared concrete and steel surfaces to provide an absolutely impervious finish. These coating cures to form a very tough wear resistant coating to withstand seawater, fresh water, various solvents, chemicals, fats, dilute acids and almost all environmental conditions

SUGGESTED USES

Most ideal coating for use in solvent/fuel storage tanks both concrete and steel, battery pits/compartments in ships, submarines and off-shore/on-shore oil installations etc. One coat of EP I followed by two coats of EP II is generally recommended for use in battery pits/compartments and one or two coats of EP I for various types of fuel, chemical, solvent storage tanks, ballast, fresh water, distilled water tanks, etc

TECHNICAL DATA

Colour	White and Pink
Finish / Sheen	Semi – glossy
Flash Point	> 25° C
Volume Solids	95% approx
Mixing Ratio - Base : Accelerator	EP I - 4.5 : 1 by wt, EP II - 4 : 1 by wt
Pot Life	Min. 2 hours
Recommended DFT	250 + 25 µ / coat
Theoretical Covering	3.8 M ² / Ltr./Coat at 250 µ
Mode of Application	Stiff Bristle Brush/Trowel
Thinner Recommended	None for application. Use Morsun Epoxy Thinner for cleaning of brushes, rollers etc
Drying Time	Surface Dry : Max. 5 hours @ 30° C
Hard Dry	Max. 16 hours @ 30° C
Full Cure	Min. 7 days
Overcoating Interval	Min. 24 hours
Surface Preparation	Degrease and blast clean to Sa 2½ min
Shelf Life	6 months in sealed containers at room temperature
Safety Precautions	Normal
Standard Packing	4 ltrs., 10 ltrs

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