

MORSUN SYNTHETIC RED OXIDE-ZINC PHOSPHATE PRIMER (CONFORMING TO IS-12744)

PRODUCT CODE**MCS-AL-045****PRODUCT DESCRIPTION**

A general purpose air drying primer based on Alkyd Resin medium with anti-corrosive pigments Red Oxide & Zinc Phosphate. Recommended as a primer coat in the painting system for protection of steel surfaces against corrosion for outdoor and indoor application on electrical equipment and steel structures in general. This primer can be over coated with a wide range of Synthetic Enamel finishes

TECHNICAL DATA

Colour	Red Oxide
Finish	Smooth Matt to Egg-shell
Pigment Content	50 ± 5% by mass as per IS - 101
Zinc Phosphate Content	16.0% Min by mass on pigment (IS -12744)
Red Oxide as Fe ₂ O ₃	50.0% Min by mass on pigment (IS – 6947)
Flash Point	> 30° C
Volume Solids	40% Min
Recommended DFT	30µ Min
Theoretical Covering	13.33 M ² per ltr. at 40µ
With 30% Loss	9.33 M ² per ltr
Mode of Application	Brush / Roller /Airless / Con. Spray
Airless Spray	Tip Size: 0.018"-0.024"
Fluid Pressure	2000-3000 psi
Thinner	Morsun G. P. Thinner
Drying Time	Surface Dry : 2 hours maximum
Hard Dry	12 hours maximum
Overcoating Interval	Overnight, No Maximum
Surface Preparation	Normally, for the best performance, the surface to be coated shall be ensured free from oil, loose rust/dust etc, followed by blast cleaning to Sa2 ½. This shall be followed by application of two coats of the primer so as to achieve DFT of 30 microns min. Ensure removal of weld spatters, seams and sharp edges. Dry off and paint. Performance Tests (To be carried after 48 hours air drying)
Adhesion & Flexibility	Passes IS – 101 test
Scratch Hardness	Passes 1500g (Steel) & 1000g (Tinned MS)
Salt Spray Test (96 Hours)	Passes the test as per IS-2074
Protection-Corrosion Under	Passes IS -101 test Conditions of Condensation
Shelf Life	12 months
Packing	20 litres, 4 litres
Precautions	Ventilate the area to be painted thoroughly to avoid suffocation while application

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