

MORSUN SYNTHETIC READY MIXED PAINT, FINISHING, AIR-DRYING CONFORMING TO IS - 8982

PRODUCT CODE
MCS-AL-047

PRODUCT DESCRIPTION
A superior quality Semi-glossy Air drying finish paint based on Modified Synthetic Resin and weather resistant pigments

SUGGESTED USES
Recommended for protection and maintenance of wooden and metal parts of war equipment including vehicles, machine guns, bridging equipment etc and also on POL containers as exterior petrol resisting paint. The paint normally be applied over suitable primer but typical formulation can provide reasonable camouflaging & protection if applied direct on metal and wooden surfaces

TECHNICAL DATA	
Colour	White /Scamic (ISC 294)/Light Buff (ISC 358)
Gloss, 45°	31 - 50 units
Solid Volume	40% ±2
Recommended DFT	50μ
Theoretical Covering	8.0 M ² per ltr. At 50μ
With 30% Loss	5.60 M ² per ltr
Mode of Application	Brush / Roller /Airless/Con. Spray
Airless Spray	Tip size : 0.015-0.021
Fluid Pressure	2000-2500 psi
Thinner Recommended	Morsun G. P. Thinner. Drying Time , Max : Surface Dry : 1-2 hours
Hard & Tack-free Dry	8 hours Max
Overcoating Interval	8 hours Minimum, No Maximum
Surface Preparation	Surface should be free from all contaminants dry and suitably primed. Performance Tests (As per IS-101 unless otherwise specified)
Flash Point	Not below 30 deg C
Scratch Hardness	After 48 Hr drying passes 1500g test
Flexibility & Hardness	Should pass ¼ Mandrel (24 Hr air drying → 100°C/1Hr → 24 hr air drying at room temperature not less than 15°C)
Protection against Corrosion	Passes 10 days test Under condensation
Resistance to Lubricating oil	Passes (As per IS 8982)
Resistance to Petrol-Benzol	Passes (As per Annex C-IS 8982)
Water absorption test	Passes (As per Annex D-IS 8982)
Resistance to Warm water	Passes 45 ± 3°C for 4 Hours (As per Annex E-IS 8982)
Resistance to Salt Water	Passes (As per Annex F- IS 8982)
Resistance to Heat	Passes (Test Not to be done for White) (As per IS 8982)
Shelf Life	12 months
Durability test	Passes (As per Annex G-IS 8982)
Packing	20 litres, 4 litres

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