

MORSUN SYNTHETIC PRIMER SURFACER GREY (PS)

PRODUCT CODE
MCS-AL-034
PRODUCT DESCRIPTION

A general purpose primer based on synthetic Alkyd Resin medium. Recommended for use on above water area of ships like Boot top, topside, decks, superstructures, cargo holds, etc. can be over coated with a wide range of Synthetic Enamel finishes. Suitable primer on mild steel structures to be top coated with alkyd finishes

TECHNICAL DATA

Colour	Grey
Finish	Matt to Egg-shell
Flash Point	> 30° C
Volume Solids	44% ±2
Recommended DFT	40µ
Theoretical Covering	11 M ² per ltr. at 40µ
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 : 1 hour maximum
Hard Dry	Overnight
Overcoating Interval	Overnight, No Maximum
Surface Preparation	Degrease and blast clean to Sa 2 ½. If blast cleaning is not possible follow Hand Tool Cleaning - manual/mechanical means, e.g. Chipping scarping, wire-brushing, power tool cleaning etc. to remove all rust, scale, loose particles, contaminants, etc. Ensure removal of weld spatters, seams and sharp edges. Dry off and paint
Shelf Life	12 months
Packing	20 litres, 4 litres
Precautions	Ventilate the area to be painted thoroughly to avoid suffocation while application
Touch-up Paint	Ask for Morsun's QS Finish CR-122 of matching shade. Touch-up paint should be applied by brush after 48 hours or fully cured paint. (Note: All Technical Parameters are checked at 30 degree Celsius unless specified otherwise) Performance Test Data MORSUN SYNTHETIC ALKYD BASED PRIMER – AL-034 Test Type Test Method Requirement Details Typical Results Neutral Salt Spray IS-101 Film of 1 x 25 µ DFT applied on MS panel/ dried for 48 Hrs. Subjected to test. Should Pass 96 Hrs test No Film defects with no sign of corrosion on underneath surface Scratch Hardness IS-101 Film of 1 x 25 µ DFT applied on 0.315mm thick tinned MS panel / dried for 48 Hrs. Subjected to test. Should Pass 1000 gm test No such scratch as to show the bare metal Adhesion Flexibility IS-101 Film of 1 x 25 µ DFT applied on 0.315mm thick tinned MS panel / dried for 48 Hrs. Subjected to test. Should Pass ¼ Inch cylindrical mandrel test Passes with no cracking or detachment of film from substrate. Protection against corrosion under conditions of condensation IS-101 Film of 1 x 25 µ DFT applied on MS panel/dried for 48 Hrs. Subjected to test. Should Pass 7 days test No Film defects with no sign of corrosion on underneath surface

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