

MORSUN FIRE RETARDANT PAINT CONFORMING TO JSS-8010/72/2001

PRODUCT CODE

MCS-FR-441

PRODUCT DESCRIPTION

Morsun Fire Retardant FR-441 is based on Syn. Resin and Fire Retardant Pigments. It is recommended for use on interior Steel, Aluminium and Aluminium Alloys Surfaces onboard Ships. It is suitable for use on Ship's Bulkheads and other Fire Prone areas as a Protective and Fire Retardant Coating which will not propagate fire due to transmission of heat through metal work. This Fire Retardant Coating provides 1. Excellent insulation to the coated substrate against fire. 2. Flexible non-sagging coating. 3. Good protection to steel surfaces against corrosion. 4. Excellent application properties. Fire Retardant Coating is mainly used in the interior of buildings, exterior surfaces of combustible structures, the below deck area on board ships where heat insulation is provided and the lagging which covers the insulation material

TECHNICAL DATA

Colour	Pastel shades
Finish	Smooth Semi-glossy
Flash Point	> 30°C
Volume Solids	50% + 2
Recommended Dft	25 to 30μ per coat
Theoretical Spreading	10 M2 @ 50μ
With 30% Loss	7.0 M2 @ 50μ
Mode of Application	Brush / Roller/ Spray
Drying Time	Surface Dry : 3 to 6 hours
Hard Dry	Not over 16 hours
Overcoating Interval	24 hours min. No Maximum
Thinner Recommended	Thinner for Firetard
Primer Recommended	Zinc Chromate Primer to IS-1874
Shelf Life	12 months
Standard Packing	20 litres, 4 litres
Surface Preparation & Application Procedure	The surface to be painted should be free from all contaminants suitably primed. Morsun Zinc Chromate Primer NS-710 to IS-1874 is recommended prior to application of Morsun Fire Retardant Paint FR-441. Allow Primer to dry for 8 hours minimum. Then apply 2 coats of Morsun Fire Retardant Paint FR-441 with an interval of 24 hours between the coats. Allow the final coat to dry for 48 hours minimum before it is subjected to use

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