

MORSUN INTUMESCENT FIRE RETARDANT PAINT

PRODUCT CODE

MCS-IC-481

PRODUCT DESCRIPTION

Morsun Intumescent Fire Retardant Paint IC-481 is developed with transfer of technology from Naval Materials Research Laboratory (a division of the Defence Research and Development Organisation) Morsun Intumescent Fire Retardant Paint IC-481, as the name suggests works on the phenomenon of intumescence. This Paint when exposed to fire swells to about 70-80 times the applied film thickness forming cellular carbonaceous char, which provides heat insulation and also acts as an oxygen barrier thus preventing ignition of the combustible material Morsun Intumescent Fire Retardant Paint IC-481 adheres excellently well and provides exceedingly good fire protection to substrates like Plywood, Aluminium, Steel, Electrical Cables, False Ceiling material etc. and excellent heat insulation to Aluminium and Steel. This heat insulation property immensely contributes to maintaining the mechanical integrity of structures

SUGGESTED USES

Morsun Intumescent Fire Retardant Paint IC-481 is suggested for use in the interior of residential & commercial Buildings, Elevators, Electrical Cables / Ducts, areas where fire protection on exterior surfaces of combustible substrates are expected and various areas on board ships where heat insulation is provided and on the lagging, which covers the insulation material, etc

TECHNICAL DATA

Colour	Pastel Shades
Finish	Smooth Semi-glossy
Volume Solids	70% approx
Recommended Dft	500μ in 2 coats
Mode of Application	Brush / Roller
Theoretical Spreading	2.8 M2 per ltr. (2.1 M2 per Kg.) @ 250μ
Drying Time	Surface Dry: 1 to 2 hours
Hard Dry	Overnight
Over coating Interval	Overnight
Subject to Use	48 hours minimum
Thinner Recommended	Water
Primer Recommended	Primer is recommended on ferrous and non ferrous substrates
Shelf Life	12 months
Standard Packing	10kg. & 5kg
Surface Preparation & Application Procedure	The surface to be painted should be free from all surface contaminants. Steel surfaces to be coated may be treated with Morsun Pretreatment Primer prior to application of an Anti-Corrosive Primer. Allow Primer to dry overnight. Then apply 2 coats of Morsun Intumescent Fire Retardant Paint IC-481 with overnight intervals between the coats. Allow the final coat to dry for 24 hours minimum before being subjected to use

Disclaimer: The information provided herein is derived from the best available sources and is given in good faith. As conditions of use are beyond our control, the Company gives no warranty, expressed or implied, and assumes no liability in connection with any use of this information.