

MORSUN THERMAGUARD PS-600 ALUMINIUM

PRODUCT CODE

MCS-HR-399

PRODUCT DESCRIPTION

Two-pack Polymeric Polysiloxane based High Build, extreme durability coating, fast curing at ambient temperature and providing excellent adhesion to substrate. Use for as high temperature resistance coating for different structural steel. It has excellent heat resistance up to 600°C. Excellent corrosion protection for steel in high-temperature environments. This can be applied without any priming

SUGGESTED USES

These coatings are designed for high-temperature protection of steel structures, exhaust systems, boilers, Industrial chimneys, and industrial equipment. Furnace equipment, reaction vessels, hot metal stacks, kilns, incinerators, exhaust systems hot pipes. Petrochemical plants and refineries and Automotive exhaust systems, silencers

TECHNICAL DATA

Temperature Resistance	150 - 600°C
Weatherability	Good under industrial atmospheric conditions which are not highly acidic
Colour	Aluminium
Type	Two Pack
Mixing Ratio	Part A : Base - 65. Part B : Aluminium Paste - 35
Gloss Level	Matt Smooth
Finish	Bright Metallic
Volume Solids	65 ± 2 %
Recommended DFT	75-150 microns
Theoretical Covering	6.5 M2/Ltr. at 100μ DFT
Practical Covering	Allows appropriate loss factors
Method Of Application	Brush / Conventional Spray / Airless Spray
Drying Time @ 30°C	Touch Dry: 1-2 hours. Hard Dry: 16-24 Hours
Overcoating Interval	16 - 24 hours
Flash Point	Part A (Base) : 24°C. Part B (Aluminium Paste) : N/A
Curing	After application of the final coat of MORSUN H.R. Aluminium allow the system to air dry for minimum 24 hours under ambient conditions. The temperature is then to be gradually increased to 200°C to 250°C and retained for minimum 16-18 hours
Storage Life	12 Months in Sealed Containers
Thinner Recommended	Thinner for HR Paint
Packing	20 Litres, 4 Litres
Surface Preparation	Degrease and blast clean to Sa 2.5, if not feasible achieve atleast St.2 standard
Precaution	Not for use in highly Acidic/Alkaline areas

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