



TECHNICAL DATA SHEET

AMBER ALUMINIUM PAINT

PRODUCT DESCRIPTION	Amber Aluminium Paint is a heat resistant paint up to 250°C and is based on pure metallic aluminium flakes dispersed in a special synthetic binder. The metallic flakes, align themselves in a layer parallel to the coating surface. It provides a bright and shiny appearance due to the specular and diffuse reflectivity. This imparts the ability of leaving coating to reflect light and heat away from substrates. It offers very good heat stability, weather resistance and outstanding water resistance. It has excellent adhesion on variety of primers.
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RECOMMENDED USES	It is recommended as a general – purpose heat resistant coating for electric poles, exhaust pipes, radiators, iron towers, pipe etc. It can also be used as protective and decorative coating, over primed metals and wooden surfaces. It is always recommended to mix well before use. It is used for only air – drying applications.
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TECHNICAL DATA

COLOUR, DRY FILM	ALUMINUM
FINISH, DRY FILM	Metallic / Lustrous
VOLUME SOLIDS (ASTM D2697)	33 ± 2%
SPECIFIC GRAVITY	0.95 ± 0.05
THEORETICAL SPREADING	13.2 M2 /LTR
RECOMMENDED DFT RANGE (DRY FILM THICKNESS)	25 Microns/Coat
RECOMMENDED WFT RANGE (WET FILM THICKNESS)	75 Microns/Coat
FLASH POINT	25°C



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DRYING TIME

Drying time @ 30°C (Temperature, humidity, air movement, film thickness and number of coats all affect the drying time).	
TOUCH DRY	20 – 45 minutes
DRY TO RECOAT	6 – 8 hours
HARD DRY	48 hours

ADVANTAGES

AMBER ALUMINIUM PAINT	Very good heat and light reflection, outstanding water resistance, very good heat stability and weather resistance, bright, shiny decorative appearance, heat resistance up to 250°C etc.
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APPLICATION INSTRUCTION

SURFACE PREPARATION	Before application, the surface should be sound, clean and free from oil, grease, loose particles, dust, etc. Application can be done by the recommended application methods.
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APPLICATION DATA

APPLICATION METHOD	Brush, Roller or Spray
CLEANING/THINNING	Amber G.P. Thinner
THINNER (VOLUME)	Ready to use
CONV. SPRAY REQUIREMENTS	Atomizing pressure: 40 psi
AIRLESS SPRAY REQUIREMENTS	Pressure: 2200 psi.
NOZZLE SIZE	0.016” – 0.018”
MIXING RATIO (BY VOLUME)	Not applicable
POT LIFE @ 30°C (100 ml)	Not applicable

SYSTEM



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RECOMMENDED SYSTEM To be applied on prepared surface. (For non – ferrous metal use suitable primer.)	Amber Red Oxide Primer	1 coat
	Amber Aluminium Paint	2 coats
	(OR)	
	For Heat Resistance	
	Aluminium Paint	2 coats

ADDITIONAL DATA

SHELF LIFE @ 30°C	18 months, in original sealed container, with proper storage conditions.
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HEALTH & SAFETY

SAFETY PRECAUTIONS	<p>As a general rule, avoid skin and eye contact by wearing overalls, gloves, goggles, and airmask etc. Spillage on skin should immediately be removed by thorough washing with water and soap or suitable cleaner. Eye should be flushed with fresh water. Avoid inhalation of vapours and paint mist by wearing suitable airmask. In the event of ingestion and eye contact, seek medical attention immediately. Painting must be carried out in well-ventilated area. This as industrial product contains flammable materials and should be kept away from the sparks and open flames, smoking in the area should not be permitted. Local safety regulations should be followed.</p>
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STORAGE & HANDLING

STORAGE	Store the paint in proper storage conditions as per the local regulations. Keep the paint container in sealed condition under shed, away from direct sunlight and extreme temperatures. Do not stock paint material near to any ignition sources. Do not put back the half or unused material back in original container, containing the supplied paint, to avoid contamination. Handle with care. Stir well before use.
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