



## TECHNICAL DATA SHEET

TRADE

# ALUMINIUM PAINT

REVISION DATE: July 2024  
(Supersedes all previous publications)



## PRODUCT INFORMATION

### PRODUCT DESCRIPTION

**ALUMINIUM PAINT** is a general-purpose coating, based on silver aluminium for good light reflection and heat deflection.

### PRODUCT USES

For exterior metal surfaces like lamp posts, fencing wire and galvanised surfaces. Also historically used on metal roofs.

## TECHNICAL INFORMATION

GENERIC TYPE	Hydrocarbon oil resin
FINISH	Silver lustre
VOLUME SOLIDS	42 ± 1%
SPECIFIC GRAVITY	1.0kg/litre (typical)
MINIMUM DRY FILM THICKNESS	35 - 40 microns per coat. Two coats required.
MINIMUM WET FILM THICKNESS	80 - 100 microns per coat. Two coats required.

Smooth Surface	Rough Surface
10 – 12 m <sup>2</sup> /ℓ	7 - 9 m <sup>2</sup> /ℓ
Increased surface porosity will reduce spread rate	

### SPREADRATE

### FLASH POINT

38°C

### COLOURS

Aluminium

### PACK SIZE

500ml, 1ℓ, 5ℓ

### STORAGE

Store away from direct sunlight, heat and severely cold or damp conditions. Ensure that containers are properly sealed before storage.

## APPLICATION DETAILS

### PRIOR TO USE

Mix well using a flat paddle until homogeneous in colour and consistency.

### APPLICATION METHOD

Ready for use with brush, roller or airless spray.

### THINNING

Mineral Turpentine (not more than 10% thinning)

### CLEANING OF EQUIPMENT

Mineral turpentine

**DRYING TIME (@ 23°C & 50% RH)**

Touch dry	1 hour
Over coating	12 hours

*Note: higher temperatures will accelerate the drying times (approximately halved for every 10°C increase), whilst lower temperatures will retard the drying times (approximately doubled for every 10°C decrease).*

**APPLICATION CONDITIONS**

	MIN	MAX
Surface Temp (°C)	10 °C	40°C
Ambient Temp (°C)	10 °C	40°C
Relative Humidity	10%	85%
<i>or 4°C minimum above dew point</i>		

**SUBSTRATE CONDITIONS**

Substrate must be clean, dry and sound for painting. Rusted metal must be prepared to ISO 8501-01:1988 – St3 to attain a bright metal finish before application. Ensure that the surface is water-break free before application.

**SAFETY PRECAUTIONS**

Ensure good ventilation during application and curing process.

Keep out of reach from children.

In case of skin contact, wash with soap and water.

In case of eye contact rinse immediately with running water and seek medical advice if eyes are irritated.

If swallowed, do not induce vomiting and seek medical attention.

Always wear the appropriate protective clothing during product handling and application.

Refer to Material Safety Data Sheet on our website for more detailed safety information.

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**SURFACE PREPARATION**

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Ensure that all surfaces are dry, clean and free of oil, grease, rust scales and in accordance with above **SUBSTRATE CONDITIONS**.

Ensure that the surface is water-break free before painting.

- Remove all loose and flaking surface rust by means of sanding, chipping or wire brush.
- Sand rusted areas to ISO 8501-01:1988 – St 3 to attain a bright shiny metal finish. Severely rusted areas should be treated with a suitable Rust Converter or a 50% solution of Phosphoric Acid in water before further surface preparation.
- Mild steel, Aluminium: Degrease with SABRE DEGREASING SOLVENT. Scrub thoroughly with abrasive pads and wash down with running tap water. Allow to dry.
- New & Weathered Galvanized Iron: Apply SABRE GI PRE-CLEANER in accordance with product data sheet. Allow to react for 10 -15 minutes. Wash down with running tap water and repeat if necessary until the surface is water-break free. Allow to dry.
- To prevent flash rust, ensure to overcoat the surface soon after preparation and drying.

## **FINAL COAT**

Apply two coats SABRE ALUMINIUM PAINT allowing 12 hours drying time between coats.

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### **DISCLAIMER**

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*The technical information contained in this document are given in good faith and are meant to be used as a guideline by the specifier or user. Whilst we are confident about the quality of our products, we cannot accept any liability for the incorrect use or application of our products. Surface preparation forms an integral part of the scope of works and it is expected that the highest standards are maintained during surface preparation and application, to ensure that our products perform as intended. Always ensure to use the same product batch numbers, refrain from doing spot touch-ups and paint surfaces from corner to corner to prevent colour and sheen variance.*

Please note that all our latest Product Data Sheets and Material Safety Data Sheets are available for viewing on our website at [www.sabre.co.za](http://www.sabre.co.za)

**SABRE PAINTS (PTY) LIMITED**