



TECHNICAL DATA SHEET

TRADE

BITUMUNOUS ALUMINIUM PAINT

REVISION DATE: July 2024
(Supersedes all previous publications)



PRODUCT INFORMATION

PRODUCT DESCRIPTION

BITUMUNOUS ALUMINIUM PAINT is a bitumen-based coating for direct application to bitumen surfaces to provide protection against exterior elements. Also improves illumination and is heat reflective.

PRODUCT USES

Suitable for sealing and protecting bitumen-based surfaces like "torch-on" or "malthoid" waterproofing against exterior elements.

TECHNICAL INFORMATION

GENERIC TYPE

Hydrocarbon oil based

FINISH

Silver leafing

VOLUME SOLIDS

42 ± 1%

SPECIFIC GRAVITY

1.00kg/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.

SPREADRATE

Smooth Surface	Rough Surface
10 - 12 m ² /ℓ	8 - 10 m ² /ℓ
Increased surface porosity will reduce spread rate	

FLASH POINT

38°C

COLOURS

Silver Aluminium

PACK SIZE

5ℓ, 20ℓ

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 or roller.

THINNING

Mineral Turpentine (do not thin)

CLEANING OF EQUIPMENT

Mineral turpentine

*DRYING TIME (@ 23°C & 50% RH)

Touch dry	4 hours
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).*

***Caution: When overcoating existing bituminous aluminium surfaces, take care not to apply Sabre Bituminous Aluminium in direct sunlight. Do not apply at a spreading rate lower than 10 m²/ℓ as this will result in solvent entrapment and softening of the underlying previously coated layers.*

APPLICATION CONDITIONS

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

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.

SURFACE PREPARATION

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

BITUMINOUS SURFACES “TORCH-ON”

Apply SABRE DETERGENT SOLUTION liberally to the entire surface by means of spray application to lift atmospheric pollution and other surface contamination. Allow to react for 20 minutes whilst keeping wet contact with the surface, re-apply if necessary. If necessary scrub the area with soft bristle brooms.

Areas affected by fungal growth: Treat all areas affected by applying SABRE ANTI-FUNGUS SOLUTION liberally by means of brush or spray application. Allow to react for **4 hours** and wash down with fresh water.

High Pressure Washing: Wash the surface down to removing all surface contaminants, loose, flacking and inadequately adhering paint, by means of high pressure water jetting at a minimum of 300Kpa whilst using a rotating nozzle.

Inspect all torch-on laps and joints and service according to contractor specification.

Apply accordingly.

A maintenance coat will be needed during every 4 year cycle.

FIBRE CEMENT GUTTERS – INSIDE

Inside of gutter: Seal all leaking joints using a suitable mastic. Allow curing and apply a liberal primer coat of SABRE BITUMEN SOLUTION and allow 16 hours drying.

FINAL COAT

One coat will suffice as a maintenance coat.

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

DISCLAIMER

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

SABRE PAINTS (PTY) LIMITED