

TECHNICAL DATA SHEET

PROMINENT BITUMINOUS ALUMINIUM PAINT

Date: January 2025



THIS SUPERSEDES ALL PREVIOUS PUBLICATIONS

PRODUCT DESCRIPTION

A high quality bituminous aluminium paint with good heat reflecting and anti-corrosive properties.

INTENDED USES:

1. Exterior finish for steel and galvanised iron.
2. Roof coating on weathered galvanised iron.
3. Steel fencing.
4. Streetlight poles.

FEATURES:

1. Excellent exterior durability and UV resistance.
2. Directly to prepared surfaces without priming.
3. Highly reflective value.
4. Bitumen content adds to anti corrosive properties of coating.

PRODUCT INFORMATION:

Appearance :	Silver lustre.
Colours :	Silver.
Solids:	± 66.8% by mass and ± 60.8% by volume.
Density:	0,94 Kg/litre.
Recommended Wet Film Thickness:	41µm
Recommended Dry Film Thickness:	2 coats @ 25 µm per coat maximum.
Spreading rate:	12 - 14m ² /litre depending on the surface texture & temperature.
Viscosity at 23°C:	55-60KU.
Flash point:	43°C.
Respecting the environment:	Dispose of excess product and containers in a responsible manner without harming the environment.

This product is manufactured under strict SABS ISO 9001:2015 quality standards.

STORAGE:

Keep containers properly sealed.
Store away from direct heat, sun and severe cold in a place with adequate ventilation.

PACKAGING:

5Lt, 20Lt.

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APPLICATION DETAILS:

Mixing:	As the aluminium pigment settles very easily, and it must be stirred well before use with a flat paddle to an even consistency. Stir product during use to prevent separation.
Method:	Roller (short woven pile), oval brush or spray.
Thinning:	Not recommended but 10% maximum with Prominent Mineral Turpentine if required.
Cleaning:	Prominent Mineral Turpentine.
Conditions:	Temperature between 5°C and 40°C. Relative humidity of less than 85%, preferably between 10:00 and 16:00. Ideally, apply when the temperature of the substrate is at least 3°C above dew point and if possible, away from direct sunlight.
Drying time:	Surface dry: 12 hours, Hard dry: 48 hours at 23 °C.
Recoating time:	48 Hours at 23 °C Note: higher temperatures will accelerate the recoating times (approximately halved for every 10°C increase) whilst lower temperatures and high humidity will retard the recoating times (approximately doubled for every 10°C decrease).
Requirements:	1 coat for recoating and 2 coats for new work.

SURFACE PREPARATION

Surfaces must be sound, clean, and dry (moisture content below 15%) before painting.

New work:

1. Steel and galvanised iron: Degrease with Prominent General Purpose Cleaner diluted (1:10) with water and rinse with clean water, etch surface with Prominent Multi Surface Etch Cleaner with abrasive pad. Rinse with clean water and then apply directly.
2. Weathered galvanised iron: Remove Rust, clean with Prominent General Purpose Cleaner diluted (1:10) with water and rinse with clean water, etch with Prominent Multi Surface Etch Cleaner using an abrasive pad, rinse with clean water and then apply directly.
3. Rusted steel: Remove any rust and mill scale by abrasive cleaning to Grade Sa 2½ of ISO 8501-1:1998 with a blast profile not exceeding 20 - 30 um. Alternatively wire brush to Grade St 3 of the same standard. This is not as effective and may result in a shorter maintenance free period. Clean with Prominent General Purpose Cleaner diluted (1:10) with water and rinse with clean water, remove surface rust with Prominent Multi Surface Etch Cleaner using an abrasive pad, rinse with clean water and then apply directly.

Redecorating:

1. Bitumen Aluminium: Clean with Prominent General Purpose Cleaner diluted (1:10) with water and rinse with clean water and then apply directly.
2. Previously painted surface in good condition: Clean with Prominent General Purpose Cleaner diluted (1:10) with water and rinse with clean water and then apply directly.
3. Previously painted surface in poor condition: Remove and treat as new work.

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LIMITATIONS:

1. Not recommended for use on bituminous waterproofing systems and/or coatings.
2. Limited to steel and galvanised iron.
3. Not a heat-resistant aluminium finish.
4. Cannot be painted over primed substrates.
5. Cannot be over coated with emulsion paint.
6. Prominent Bituminous Aluminium paint must not be applied to roofs that function as catchments for drinking water at all.
7. Product should not be applied to areas which will remain submerged in water.
8. Good weather resistance but will gradually disintegrate over time.
9. It is recommended to apply a maintenance coat every 2-3 years after completion for continual protection and correct product performance.

SAFETY PRECAUTIONS:

1. Keep out of reach of children.
2. Ensure to maintain good ventilation during application and drying process.
3. Always wear gloves when working with the product and avoid excessive inhalation and skin contact.
4. In case of skin contact, wash with soap and water or a recognised skin cleaner. Avoid contact with eyes. In case of contact with eyes rinse immediately with running water and seek medical advice.
5. Wet product is flammable and naked should not be allowed in the vicinity of the working area.
6. If product is ingested, plenty of water or milk. Do not induce vomiting at any time. Seek medical advice.
7. Refer to the Material Safety Data Sheet (MSDS) for detailed information about the product and transportation and classification criteria. MSDS is available on www.prominentpaints.co.za or from the Prominent Customer Service Department.
8. To avoid any risk of spillage, always transport in a secure upright position.

DISCLAIMER:

The information contained herein is given in good faith and is meant merely as a guide for the specifier or user. It is gained from results obtained from our experience and tests conducted under controlled conditions. No warranty/guarantee is implied since the conditions of use, application method, substrate and cleanliness of the substrate are beyond Prominent Paints control. For a surface specific specification contact the Prominent Paints Customer Service Department for assistance. This issue supersedes all previous publications.

Important Note: Technology may change with time, necessitating changes to this Technical Data Sheet (TDS). It is the responsibility of the user to ensure that the latest TDS is being used for reference. Prominent Paints Technical Data Sheets are available on www.prominentpaints.co.za or from the Prominent Paints Customer Service Department.

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