

TECHNICAL DATA SHEET

PROMINENT GENERAL PURPOSE ALUMINIUM

Date: January 2023



THIS SUPERCEDES ALL PREVIOUS PUBLICATIONS

PRODUCT DESCRIPTION

A high quality oleoresin based silver paint with good light reflection and heat reflection value.

INTENDED USES:

1. Exterior coating for steel and galvanised iron.
2. Can be used over conventional iron primers, including PROMINENT RUST PRIMER.

FEATURES:

1. Easy to apply and spreads well.
2. Excellent durability.
3. Reflects heat.

PRODUCT INFORMATION:

Appearance:	Silver lustre.
Colours:	Silver.
Solids:	± 66% by mass and ± 60% by volume.
Density:	± 0,97kg/litre
Recommended Wet Film Thickness:	2 coats @ 41µm per coat minimum.
Recommended Dry Film Thickness:	2 coats @ 25µm per coat.
Spreading rate:	14 - 16m ² /litre.
Viscosity at 23°C:	55-65Kµ.
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:

1Lt, 5Lt, 20Lt

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APPLICATION DETAILS:

Mixing:	As the aluminium pigment settles very easily must it be stirred well before use with a flat paddle to an even consistency. Stir product well during use.
Method:	Roller (mohair or short woven pile), 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.
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:	Two coats.

SURFACE PREPARATION

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

New Work:

1. Steel
Degrease with Prominent General Purpose Cleaner at a diluted ration of 1:10 with water and abrasive pads, rinse and allow drying. Prime with any conventional iron primer (Prominent Etch Primer or Prominent Rust Primer).
2. Galvanised iron
Degrease with Prominent General Purpose Cleaner at a diluted ration of 1:10 with water and then etch surface using Prominent Multi Surface Etch Cleaner and abrasive pads, allow etching for a minimum of 20 minutes before rinsing and allow to dry. Prime with Prominent Rust Primer.
3. Rusted steel
Remove rust, degrease with Prominent General Purpose Cleaner at a diluted ration of 1:10 with water and remove surface rust using Prominent Multi Surface Etch Cleaner and abrasive pads, rinse and allow to dry. Apply 2 coats Prominent Rust Primer.
4. Weathered galvanised iron
Remove rust, degrease with Prominent General Purpose Cleaner at a diluted ration of 1:10 with water and then Prominent Multi Surface Etch Cleaner and abrasive pads, rinse and allow drying. Apply 2 coats Prominent Rust Primer.

Redecorating:

1. Paint in good condition
Clean off and apply directly.
2. Paint in poor condition
Remove and treat as new work.

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LIMITATIONS:

1. Not heat resistant.
2. Not compatible over waterproofing systems.
3. Cannot be overcoated with emulsion paints.
4. Prominent General Purpose Aluminium paint must not be applied to roofs that act as catchments for drinking water at all.
5. Product should not be applied to areas which will remain submerged in water.
6. Good weather resistance but will delaminate over time.
7. 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 drink 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 Prominent Paints 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 carried out 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 Prominent 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 Prominent Paints Customer Service Department.

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