

GILSONITE ALUMINIUM

Premium Bitumen Based Aluminium Roof Coating

Revised Jan 2019

DESCRIPTION

Gilsonite Aluminium is a bitumen based aluminium solar reflective protective coating for roofing and exterior surfaces including galvanized iron, butyl rubber, bitumen, colorsteel and other pre-painted surfaces.

Gilsonite Aluminium provides UV protection to surfaces and is significantly beneficial to reducing heat loadings in buildings.

PRODUCT FEATURES

- **Long Service life**-8–20 years before service coat required
- **Self Priming**
- **Superior Adhesion**-Non peeling when prepared correctly.
- **Easy Application**-Apply by brush or airless sprayer
- **High Solar Reflectivity** - Helps reduce building temp.
- **Single Pack** - Simple to apply
- **UV Stable** - Withstands prolonged severe UV radiation
- **Corrosion Protection** - Provides superior rust protection
- **Manufactured & Applied in NZ since the 1950's**

USE AREAS

- **Weathered Galvanised steel**
- **Butyl Rubber roofing**
- **Colorsteel roofing**
- **Bitumen surfaces**
- **Other pre-painted surfaces**

APPLICATION INSTRUCTIONS

Surface Preparation

Ensure the substrate is in clean and sound condition and dry. The surface must be free of moss, dirt, oil, grease and loose material. Any moss and lichen growth must be suitably treated and removed.

Industrial pollutants or staining on the substrate must be removed which may require a suitable specific cleaner.

Clean the surface thoroughly by waterblasting or wire brushing.

Rust Treatment

Rust must be treated prior to Gilsonite Aluminium application.

Flaking rust must be removed by sandblasting followed by priming with zinc rich primer or Duromastic Silverleaf.

Surface rust must be coated firstly using Duromastic SB150 or Duromastic Silverleaf.

Mixing Directions

Gilsonite Aluminium contains a pigment which settles in the pail over time. A spiral mixer on a variable-speed power drill is recommended. Thoroughly mix to a consistent blend initially and at regular intervals during application to ensure even finish.

Note: It is normal for mixed product to be a bronze colour.

Application

Recommended methods are by brush or Airless sprayer. Allow 24Hrs between coats.

For optimum speed and efficiency on large roof areas we would suggest a commercial airless sprayer (eg, Graco 695 or larger, 900PSI, 24 to 28 Thou. Tip size). Low pressure is recommended to reduce overspray.

Suitable PPE is recommended including respirator mask, full protective overalls, eye protection and nitrile gloves.



Coverage Rates

Typical coverage rates:

10-12sqm/litre/coat on steel and non-porous surfaces.

5-8sqm/litre/coat on bitumen and porous surfaces.

Two coats recommended. Allow 24 hours between coats.

CLEANING OF TOOLS

Equipment and tools should be cleaned up using Mineral Turpentine.

SPECIFICATION CLAUSE

Areas so designated shall be coated with Gilsonite Aluminium as supplied by Regis Coatings. This shall be applied to the prepared surface in accordance with the Regis Coatings current product data sheet.

MSD Sheet is available on request from Regis Coatings.

Phone tollfree
0800 542 542

www.regiscoatings.co.nz



PRODUCT DATA SUMMARY

Property	Typical Values
Type of solvent	Petroleum hydrocarbon
Flash Point	31°C
Vapour Pressure	0.5kPa torr (@20°C)
Boiling melting point	148-200°C
Specific Gravity	0.91
Application Temperature Range	5°C to 30°C
Solubility in water	Immiscible / Insoluble

Typical values may represent average values from sample tested.

PRECAUTIONS

Gives off highly flammable Vapour. Keep well away from heat, sparks and open flame. Do not breathe vapour or spray mist. Wear breathing respirator and ensure area is well ventilated. Avoid contact with skin and eyes. Wear eye protection and suitable gloves. Do not drink. Keep out of reach of children. Refer to current MSDS.

HEALTH AND SAFETY

Flammability: Flammable. Keep away from sources of ignition including pilot lights and sparks. Take precautionary measures against static discharge. Do not smoke. Keep containers tightly closed when not in use.

If used in an enclosed space, ensure thorough ventilation of the area (using flame proof mechanical blowers) to avoid any accumulation of vapour until the product has dried. In case of fire use dry powder, carbon dioxide, foam, sand or earth.

Note: Electric motors, light/power switches and steel tools may generate sparks sufficient to ignite such a material or the vapours given off, resulting in an explosion and/or fire.

Skin contact: Contains solvents which cause defatting of the skin and, in extreme circumstances, dermatitis. Avoid contact by careful working and use of barrier cream or gloves. Remove skin contamination with a proprietary hand cleaner following by washing with soap and water.

Eye Contact: Could be harmful. Wear protective eye-shields, especially where there is a danger of splashing. In the event of accidental contact, irrigate the eyes immediately with clean water for 15 minutes and seek medical attention.

Inhalation: Contains solvents. Use in well ventilated areas and avoid inhalation and use suitable respirators. In the event of discomfort as a result of Inhalation, remove person to fresh air and obtain medical attention.

Oral ingestion: With proper handling oral ingestion should not occur. The possibility can be minimized by not consuming food in the working area and by washing hands thoroughly before eating and drinking.

Spillage: Spilt material should be mopped up immediately with an inert absorbent material such as sand and disposed of in accordance with local regulations.

Disposal of containers: Do not leave empty containers on site where any residue could be a hazard to children or animals. Replace lids and remove all containers to a central disposal point.

MSD Sheets are available by emailing a request to sales@regiscoatings.co.nz

TECHNICAL SUPPORT

Further information is available on our full range of **epoxy floor repair resins, concrete sealers, waterproofing and roof coatings.**

Visit our website at www.regiscoatings.co.nz or phone Tollfree 0800 542 542 to request brochures or a site visit.

The information provided in this technical bulletin is as up-to-date and correct in detail as possible and is intended to give a fair description of the product and its capabilities. The user of these materials must satisfy themselves with the suitability for a particular application. If unsure about use with certain chemicals, please contact the manufacturer.



MANUFACTURED BY:

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