

Aquagard Aluminum Paint

DESCRIPTION OF PRODUCT

AQUAGARD ALUMINUM PAINT is a solvent based bitumen containing aluminum flakes and used as a reflective and protective coating for bitumen and metal surfaces.

GENERAL PRODUCT INFORMATION

- Appearance: A thin watery liquid having a brown to black appearance and becomes golden brown in colour when stirred. Colour is light brown when applied and dries to silver.
- Specific Gravity: 0.90
- Packaging: 5 and 25l metal drums
- Storage: Shelf life is 12 months in sealed and unopened containers. Product should be stored out of direct sunlight with temperature range between 5-35 degrees C.
- Viscosity: 15 sec FC4
- Flash point: 38 degrees C
- Aromatic content: 20%
- Solids content: 40%
- Clean up solvent: Mineral Turpentine
- Flammability: Flammable
- Drying time: Touch dry within one hour and hard dry in two hours depending on weather conditions. Overcoating can be done after two hours.
- Application temperature limits: 8 - 40 degrees C
- Service temperature limits: -10 - 80 degrees C

AREAS OF USE

Aquagard Aluminium paint is used as a reflective and protective coating on the following surfaces:

- Torch on waterproofing membranes
- Bitumen emulsion systems
- Mastic asphalt
- Galvanised metal roofs

PRODUCT FEATURES AND BENEFITS

- The aluminum flakes together with the stable bitumen base formulation gives excellent reflective and protective properties.
- Easy application by brush, roller or spray.
- High spread rate makes for economical use.
- Extremely weather resistant.
- Rejuvenates and extends the life of bitumen membranes.
- Dry film is non toxic

APPLICATION INSTRUCTIONS

- Surfaces should be clean, sound and free of friable materials which could reduce the adhesion of the coating. Preparation

to surfaces can be achieved by means of scraping, wire brushing or high pressure washing.

- The product is generally applied by roller. A sheepskin roller gives the best results. A brush can be used for detailing and small areas. Metal roofs can be sprayed using an airless sprayer. Tip sizes of 515 or 517 is recommended.
- The product should be thoroughly stirred with a flat paddle before use, ensuring that all aluminum flakes residue which may have settled on bottom of drum is properly mixed in. It is essential that the paint be stirred periodically during use. It is recommended to leave paddle in the drum for this purpose during application.
- Best finish is obtained when the paint coating is "pulled" out with the roller. Uneven coverage where it is applied too thickly can result in brown patches and even "crazing" of the coating.
- In instances where bitumen surfaces are very weathered and dried out, it is recommended to first apply one coat of Aquagard bitumen primer to fill and replenish the oils in the bitumen layer, before applying the aluminum coating.
- When coating of bitumen emulsion membrane which has become porous and may have lost some of its waterproofing function, it is recommended to first apply one heavy coat Aquagard Bitumen Emulsion and after a curing period of two days, then apply the aluminum coating.
- Where roofs are rusted, this should be removed back to shiny metal using sand paper, wire brushing or vapour blasting. It is also recommended that on completion of the mechanical abrasion that Aquagard Rust and Etch Cleaner be applied, surfaces agitated and then thoroughly rinsed off, preferably with high pressure water jet cleaner. Priming is required to rust treated surfaces using Aquagard AG4 rust inhibitor primer.
- Galvanised metal surfaces should be treated using Aquagard Rust and Etch Cleaner as per instructions. New roofs may need to be treated twice. This should include applying the Rust and Etch Cleaner, thoroughly agitating with brushes or scouring pads and rinsing off with copious amounts of water or high pressure water jet.
- Whilst one coat of Aquagard Aluminum paint will give full coverage, two coats are recommended for longevity.



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COVERAGE

Typical coverage is 7 - 9 m² per l depending on porosity of surfaces and excluding profile of roof sheets.

LIMITATIONS

- Do not apply if rain is imminent.
- Where severe movement or cracking of the substrate has or may take place, the Aquagard Consultant to be contacted for advice and specification.

DISCLAIMER

Whilst Aquagard makes every effort to ensure that all information given is accurate, the use and application of our products is outside our direct or continuous control, therefore

Aquagard cannot accept any direct or indirect liability arising from the use of our products. Aquagard is able to supply a manufacturers guarantee on request. Please contact the Aquagard consultant for further information.

HEALTH AND SAFETY

Please read the product label, technical data sheet and material safety data sheet before use. Do not ingest internally. Avoid contact with eyes. If solution does come into contact with eyes, flush immediately with water and refer to Doctor for medical attention. Avoid prolonged contact with skin or breathing in of mist or fumes. Wear a suitable face mask. Keep out of reach of children. Take due care and precaution when applying the product especially if working at heights.



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