



TECHNICAL DATA SHEET

BITUMEN SILVER COATING

Description

Alcolin Bitumen Silver Coating is a reflective aluminum pigmented bitumen paint used to coat bitumen waterproofing systems and torch-on waterproofing membranes to protect against UV degradation and to enhance their durability.

Features & Benefits

- UV resistant and durable
- Brilliant silver finish
- Good heat deflection
- Apply over bitumen based waterproofing systems



Applications

Ideal for providing UV resistance and durability to torch-on waterproofing membranes and other bitumen based waterproofing systems. Also suitable as a general-purpose reflective aluminium coloured paint for concrete and metallic surfaces e.g. galvanized iron roofing and steel fences.

Adhesion

Concrete, masonry, cementitious screeds / renders, galvanized steel, metals, wood, clay or cement bricks, weathered bitumen, existing bituminous waterproofing

Limitations

- Do not apply if temperature is below 5°C.
- Not suitable for potable drinking water tanks.
- Not suitable for applications requiring continuous submergence under water.
- Not suitable for applications where there will be a high degree of handling.

Safety instructions

Alcolin Bitumen Silver Coating contains a flammable, toxic solvent. Always work in a ventilated area. Do not breathe in vapours. Avoid exposing product to any ignition sources. Do not smoke when working with Alcolin Bitumen Primer and Sealer. It is advisable to wear gloves and safety glasses in order to avoid direct contact with skin or eyes. If product comes in to contact with skin or eyes, rinse thoroughly and immediately with water. Seek medical attention if irritation or discomfort persists. Protect from sunlight and do not expose to temperatures exceeding 40°C. Keep out of reach of children! Refer to our Safety Data Sheet for further toxicological information and comprehensive handling instructions.

Surface preparation

Ensure surfaces are clean, dry and free of loose materials, dust, grease, rust and other contaminants. Defects such as cracks should be repaired prior to application.

- Cement plaster, concrete & masonry
Apply a priming coat of Alcolin Bitumen Primer to bind any powdered surface. Glazed cement surfaces should be roughened.
- Metal surfaces (old)
Remove any flaking material or rust with a wire brush. Apply a rust converting primer.
- Previously coated surfaces
Completely remove any old paint.
- Bituminous surfaces and waterproofing membrane
If applying over weathered bitumen or existing bituminous waterproofing membrane, ensure all oxidized bitumen and chalking is removed. Porous and powdery bituminous surfaces may require a priming coat of Alcolin Bitumen Primer to bind and seal the surface. New bitumen surfaces must be allowed to weather for up to 8 weeks before being painted.

Directions for use

1. Ensure surfaces are prepared as above.
2. Stir well before use to ensure that any settled aluminium pigment is well dispersed before application.
3. Apply with a brush, roller or spray.
4. First coat should be allowed to dry for approx. 1 hour before applying a second coat.
5. Apply a maintenance coat every 3 to 4 years.

Cleaning

Tools and brushes should be cleaned immediately after use with white spirits or turpentine.

Storage stability

Alcolin Bitumen Silver Coating has a shelf life of 12 months if stored in a safe, cool (below 25°C), dry place in its original moisture-tight container. Ensure the container is closed to create an airtight environment when not in use. When working with the product, try to keep the container closed – if left open for long periods, the solvents will evaporate, and the product may become unusable.

Product packaging

- 5L tin
- 20L drum

Product data

Type	Aluminium pigmented bitumen paint
Appearance	Low viscosity silver coloured liquid
Density	Approximately 0.92 g/mL
Solids	Approximately 60%
Viscosity	Approximately 850cps
Coverage	10m ² /L (Depending on surface porosity)
Drying time	Approximately 2 hours
Number of coats	2

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