

REFLEXIL ALUCOAT

PROTECTIVE COATING BASED ON ALUMINUM AND BITUMEN

TECHNICAL DATA SHEET

DESCRIPTION: Solved-based bituminous paint with aluminium for both waterproofing and decorative purposes.

ADVANTAGE:

- Thermal-insulation: when dried, it creates a high-reflectance barrier from the UV rays.
- Self extinguishing effect: good fire protection.
- Does not pour at high temperature and resists at low temperatures.
- Remarkable covering.
- Excellent grip to the p.b. membranes even if delectated due to thermal excursion.
- Antioxidant and anti-rust action.
- Resistance to the corrosion of soot and fume exhaust.
- Sealing action on micro cracks.

COMPOSITION: Aluminium paste, solvents, bitumen, inert charges, oil resins, white spirit.

FIELD OF USE:

- As a protective paint for old and new polymer-bitumen membranes, both torch-applied and self-adhesive, giving them a sparkling silver appearance. It is also suitable to decorate cold-applied bituminous coverings.
- As a paint for polymer-bitumen membranes laid applied on insulating boards.
- Suitable for metal coverings, gutters, boxes, tanks, chimneys and further galvanized or iron supports.

SURFACE PREPARATION:

- Make sure that the surface is free from detached parts, loose debris or non-adherent parts, coatings, rust, powder, disarming oils and carefully clean the surfaces, that must be sound and dry. Do not apply if bad weather is forecast, which could negatively influence the correct product drying.
- Before application fastness and efficiency of water run-off points must be checked.
- Apply between +5°C and +35°C; avoid extreme hot or cold conditions during the application and drying time.

APPLICATION:

- Mix the product before use.
- By brush, broom, roll or airless spray (by diluting the product with nitrous diluents or bituminous solvent-based primers).
- It is recommended to strengthen the coating with an appropriate nonwoven polyester reinforcement drowned into the first still fresh layer.
- The paint should be applied in only one direction; laying in different directions modifies the "leafing effect" of the aluminium paste.
- To clean the tools use common synthetic or nitrous diluents.

COVERAGE: - Approx. total consumption: 600-800 gr/m². It is recommended to apply 2 layers. Apply the second layer when the first one is perfectly dried.

WARNING:

- We recommend not to apply the product on just laid bituminous surfaces, which could still release hydrocarbons and cause adherence problems of the film on the liquid membrane.
- High temperatures may compromise the product workability because of a too fast drying of the film surface.
- It can be stepped on in case of occasional maintenance.
- Do not use it to seal surfaces or containers suitable for edible liquids, drinking water or others, that is in contact with solvents or mineral oils.

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PACKAGING: Metal pails of 10 and 20 kg.
Metal drums of 200 kg.
Store the product at a temperature <+40°C and far from heat sources.
Always store the product in sealed packages.

TECHNICAL INFORMATION :

MAIN CHARACTERISTICS		
Aspect		Liquid
Colour		Aluminium
Shelf life in closed original container		24 months
Closed - cup flash point		> 23 °C
Dry residue at 130 °C	EN ISO 3251	62% - 68%
Brookfield viscosity at 20°C (nozzle 5, 10 rpm)	EN ISO 2431	5.000 cP ± 1.000
Specific weight at 20 °C	EN ISO 2811-1	1,07 kg/l ± 0,03
Drying time		100' - 120' *
Nord Test Method **	NT - FIRE 006	NT - FIRE 006

* Measures have been recorded with a temperature of 23°C and a moisture of 50%. Declared data can change depending on the thickness of applied product and on the specific conditions of the construction site: temperature, humidity, ventilation, absorption capacity of surfaces.

** A regular slated polymer-bitumen membrane does not pass the Test Method NT Fire 006 valid for Scandinavian countries and Denmark, while the same membrane protected with two layers of Alluminio Bituminoso D-65 (approx. - 1 kg/m²) passes the strict limits imposed by the regulation.

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