

REFLEXIL ALUXPRO

ALUMINUM PROTECTIVE PAINT

TECHNICAL DATA SHEET

DESCRIPTION: Water-based aluminium protective paint.

ADVANTAGE:

- Thermal-insulation: when dried, it creates a high-reflectance barrier from the UV rays.
- Does not pour at high temperature and resists at low temperatures.
- Remarkable covering.
- Excellent adherence to the p.b. membranes even if delectated due to thermal excursion.
- Odourless and non-flammable product.
- Non-toxic, solvent free.

COMPOSITION: Aluminium pigments, charges, vinyl copolymers, water, additives.

FIELD OF USE: Protect and decorate bituminous coverings and polymer-bitumen membranes, providing a bright silver colour.
Suitable for galvanized metal roofing structures.
It is suggested where solvent based products cannot be applied.

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. Before application fastness and efficiency of water run-off points must be checked.
- The product can also be applied on slightly damp surfaces provided that there is no water stagnation.
- Details of waterproofing with bituminous membranes should be realized before the membrane application (avoid to invert the two steps).

APPLICATION:

- Mix lightly before use. Otherwise turn the pail upside down to obtain a homogenous and easy-to-apply product.
- It can be applied by brush, roll or airless spray.
- The paint should be applied in only one direction; laying in different directions modifies the "leafing effect" of the aluminium paste.
- Apply between +5°C and +35°C; avoid extreme hot or cold conditions during the application and drying time.
- Waiting period for new applied waterproofing coverings: 6 months on torch-applied membranes or melted bitumen products; 3 months on cold-applied bituminous products.
- Apply the second layer when the first one is perfectly dried; after ca. 24 hours.
- After use, clean the tools with water. If the product had dried on them, remove it with warm water or white spirit.

COVERAGE: Average consumption is ca. 200-300 gr/m² for layer.

WARNING:

- We recommend to apply the product at room temperature not below +5° C, avoiding extreme weather conditions such as heat and cold or simply fog, rain and frost.
- 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.
- Do not exceed the suggested average consumption for each coat, otherwise the water evaporation would stop inside the liquid bituminous product remaining trapped under the dried film.

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- It is suggested not to apply METALKOTE EDL on cold-applied bituminous liquid membranes, while acrylic paints are more suitable.
 - Temperatures over 35° C may compromise the product workability because of too fast drying of the film surface.
 - It can be stepped on in case of occasional maintenance.
 - A frequent maintenance is recommended to preserve the duration, which can be influenced by the exposure and the slope, the aggressiveness of the industrial area and the presence of insulating panels beneath it.
- For further information please ask for safety datasheet.

PACKAGING: Metal pails of 10 and 20 kg.
Metal drums of 200 kg.
Keep the product away from frost, the product must be applied or stocked at a temperature above +5° C.
Once the product gets frozen, it is not recoverable anymore.

TECHNICAL INFORMATION :

MAIN CHARACTERISTICS		
Appearance		Liquid
Colour		Silver
Shelf life in closed original containers		12 months
Closed - cup flash point		Non flammable
Dry residue at 130 °C	EN ISO 3251	20% - 22%
Viscosity at 20°C – nozzle size 4 at 20°C	DIN 53211	25'' - 35''
Specific weight at 20 °C	EN ISO 2811 - 1	1,10 kg/l ± 0,03
pH at 20°C		7 - 7,5
Drying time		2 - 3 hours *

* 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.

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