

Allumisol

Aluminium solvent-based bituminous paint

Presentation

Allumisol is a special solvent-based bituminous paint aluminium coloured with a remarkable covering and reflective power. It's perfect to protect all bituminous surfaces thanks to its high adhesion coefficient.

Applications

Allumisol is an ideal protective paint for bituminous coatings. As commonly known black attracts more solar rays than any other colour. This is why bituminous coatings are subjected to very high temperatures. Apart from causing problems for the underlying areas, these high temperatures expose waterproof coatings to significant physical stresses that, combined with the harmful effects of ultraviolet rays, shorten their lasting. *Allumisol's* ability to reflect solar rays assures the long life of waterproof coatings and decreases the temperature in the underlying areas. Moreover it also provide a better aspect to the treated surface.

Operating instructions

The high aluminium content of *Allumisol* tends to settle down over time. Therefore, we recommend to mix very well the product before using it so that the aluminium particles are uniformly distributed in the bituminous solution. **Once it has been well mixed, *Allumisol* is ready for use** and can be applied with a sprayer, roller or brush on clean and dry surfaces. If applied by brush, always paint gently and in the same direction.

High covering power of *Allumisol* allows to get good results even with the application of a single coat at a usage rate of 100-150 g/m². The lasting of a painting done with *Allumisol* is never as long as that of the waterproofing coat. Therefore, it is necessary to schedule some maintenance.

The lasting of aluminium colour depends, to a great extent, on the exposure and slope of the roof, on the presence of insulating materials, on the aggressiveness of industrial atmosphere, and on various climatic conditions.

On average, maintenance works are done every three years.

For better results, we recommend applying **Allumisol** to properly aged bituminous surfaces:

- 1 month for membranes and hot applied products
- 2 / 3 months for cold applied bituminous products.

Surfaces must be dust-free, washed with water and well dried.

Technical characteristics

COMPOSITION	Aluminium pigments in solvent bituminous solution
PRODUCT TYPOLOGY	Ready-to-use single component
APPEARANCE OF DRIED FILM	Shiny aluminium (after mixing)
VISCOSITY	Very fluid
DENSITY	1,07 kg/dm ³
SOLID CONTENT	50% according to COV regulation effective from 01.01.2010
FLASH POINT	Over 41°C (closed cup)
SHELF LIFE	One year from the manufacture date when perfectly sealed in its container and protected from excessive heat.

Warnings

Sedimentation of aluminium particles in the packing is completely eliminated with a good mixing.

The product, which contains solvents, is inflammable.

Do not apply on humid or wet surfaces.

Do not apply the product in closed areas. Adequate ventilation must be provided.

The dried film is not water-soluble; soluble in solvents, oils and greases. Tools can be cleaned with any common solvent (toluene, xylol, white spirit, trichloroethylene).

Above information are average indications regarding actual production and can be changed or updated by EDILCHIMICA S.r.l. at his discretion at any time and with no notice. Advices and technical information represent our best knowledge regarding properties and usages of the product. Considering the wide range of applications and the possible interference created by conditions not related to us, we do not take charge of any results. Buyer is in duty to determine under his own responsibility the product is suitable for the required application.

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