

ALLUTEC

Protective & decorative aluminum based paint



Description

Bituminous product with solvent based aluminum used to protect and decorate old and new polymer bitumen membranes.

Once dry, the product reflects the sun's rays contributing to an appreciable thermal insulation of the protected areas.

The product does not drip at high temperatures and sufficiently follows movements and expansions of the polymer bitumen membrane even under severe heat excursions.

Areas of application

ALLUTEC is used as a protective paint for polymer bitumen membranes, to which it provides a brilliant silver type finish. It is particularly suitable as a decorative coating for cold applied bituminous systems.

Chemical composition

The product is formulated with particularly fine aluminum paste, solvents, mineral spirit, bitumen, resins and inert fillers.

Use of product

The product is not affected by frost; it is recommended to not expose the pails to temperatures above +40°C.

Make sure that the application surface is clean, dry and with proper drainage for water.

It is suggested to apply the product in the presence of good weather conditions. It is not recommended to apply the product in summer time during the hottest hours of the day or when the surface is particularly hot, but to wait for cooler conditions.

To obtain a homogeneous product, ALLUTEC needs to be properly mixed once opened.

The product has to be applied as it is by airless spray, roller, brush and broom. It is suggested not to apply on newly applied polymer bitumen membranes but only after a period of time: 6 months on polymer bitumen membranes or bituminous product applied with heat; 3 months on bituminous products cold applied; 24 hours between the first and second coat.

For the excellent maintenance of the painting on bituminous membranes is recommended the application of ALLUTEC about every 5 years.

All tools should be cleaned with white spirit for synthetics or also nitro.

The average consumption varies between 150 – 250 g/m² per coat depending on the characteristics of the application surface.

Two coats are always suggested.

Packaging

| Pail size | Pails per pallet |
|-----------|------------------|
| 10 l. | 80 |
| 20 l. | 48 |

We reserve the rights to change or modify the nominal values without prior notice or advice. The information contained in this data sheet are based on our experience. We cannot take any responsibility for a possible incorrect use of the products. The customer has to choose under their own responsibility a product fit for the intended use.

Technical data

| Technical characteristics | Value |
|---------------------------|--|
| Physical state | Liquid |
| Color | Silver |
| Odour | Characteristic |
| Density in g/ml | 0,90 - 0,93 |
| Dust dry at 20°C | 20 - 25 min. |
| Viscosity TF4 at 20°C | 12 - 15 sec. |
| Flash point | approx. +42°C |
| Yield | 5-6 m ² /l depending on the support |