

ALLUTEC

Protective & decorative aluminum based paint

Technical data sheet



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.

Packaging

	Pail size	Pails x plt
Allutec	10 lt	80
Allutec	20 lt	48

Pluvitec reserves the rights to change or modify the nominal values without prior notice or advice.

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 is applied as 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; 6 months on bituminous products cold applied; 24 hours between the first and second coat.

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

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

Two coats are always suggested.

1) application with roller



2) application by airless



3) application by brush



Technical data

Technical characteristics	Value
Appearance	Liquid
Color	Silver
Density at 20 °C in kg/l	0,98 - 1,05
Dry residue at 130 °C	50% - 55%
Viscosity Din4 at 20 °C	25" - 35"
Drying time	4 hours
Flash point in closed pail	> 21 °C
Storage in original closed packaging	24 months
Drying time at 20 °C	to touch 100' - 140'
Drying time at 20 °C	out of dust 30' - 60'