

Silversol Alluminio

Protective and Decorative Synthetic Aluminum Paint

Technical specifications

Silversol Alluminio is a protective and decorative paint based on selected solvent-based resins, enriched with metallic aluminum pigments and special additives.

Thanks to its specific chemical formulation, **Silversol Alluminio** protects bitumen-polymer waterproofing membranes from UV rays, weathering, and excessive heating.

It is used as a finishing coat for bitumen-polymer waterproofing membranes, liquid bituminous membranes, terraces, roofs or metal structures.

The protective film formed after drying is highly reflective and resistant to atmospheric agents and general corrosion.

Instructions for use

Silversol Alluminio is ready to use.

Stir before application until a homogeneous solution is obtained and all aluminum pigments (naturally prone to sediment) are fully redispersed.

Optimal application conditions should be maintained for at least 24 hours before and after application.

Clean the surfaces to be treated: they must be dry, uniform, and solid.

Make sure to remove dust, any loose or crumbling parts, release agents, paints, and rust.

The surfaces to be treated must be completely dry.

Avoid applying under adverse weather conditions that could compromise proper application, spreading, or drying of the product: imminent rain, dew, fog, or frost could wash away the product or prevent proper adhesion.

Ensure the waterproofing system allows for proper drainage of rainwater.

Apply at temperatures between +5°C and +30°C, avoiding extreme hot or cold environmental conditions during application and drying.

Application

Apply by brush, broom, roller or airless spray system.

It is recommended to apply two coats, ensuring the first is completely dry before the second.

Bitumen-polymer membranes finished with non-woven synthetic fabric may require more than two coats.

The tools used can be cleaned with the common synthetic or nitro thinners.

Consumption

The consumption of **Silversol Alluminio** is approximately 400÷500g/m².

Warnings

The product may appear non-silver in color inside the packaging: after mixing, its characteristic aluminum color is guaranteed.

Do not apply to very hot, damp, or wet substrates, as this may negatively affect adhesion.

Do not expose to temperatures >30°C, heat sources, open flames, or other ignition sources.

Store in a cool, dry area in the original closed containers.

The product is stable for up to 12 months in unopened original containers.

Flammable product: keep away from direct sunlight, heat sources, open flames, and sparks.

Before application, always perform a preliminary compatibility and suitability test: check product compatibility on new bituminous surfaces. It is recommended to wait for full curing of the bituminous membrane to avoid surface hydrocarbons that could interfere with adhesion.

Handle in accordance with standard safety and industrial hygiene practices. Prevent release of the material or its packaging into the environment.

Follow the instructions provided in the Material Safety Data Sheet (MSDS).

Refer to additional notes at the end of this document.

Packaging

4-pack boxes	5L
Buckets	10L
Buckets	20L

CHEMICAL AND PHYSICAL PROPERTIES

Physical state		Liquid
Colour		Alluminium
Smell		Characteristic
Closed-cup Flash Point	ASTM D3828-87	>23°C
Density (T=20°C)	UNI EN ISO 2811-1	0,90÷0,93 Kg/L
Solid content (T=130°C)	UNI EN ISO 3251	[52÷58]%
Viscosity (Efflux time T=20°C, DIN/4 mm cup)	UNI EN ISO 2431	12÷16 seconds
Drying time		20÷30 minutes*
Water solubility		Insoluble

*Values recorded at T=23°C and 50% relative humidity. Results may vary depending on the thickness or amount of product applied, as well as site-specific boundary conditions such as temperature, humidity, ventilation, and substrate absorption.

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