

- reflect up to 80% of the damaging UV-irradiations.
- decreases the surface temperature.
- extends the lifetime of the roof.
- easy to apply .
- beautify the roof through brilliant silver-shine.

Plasticoate aluminum Roof Coating is a reflective surface coating, produced from high-quality bitumen and a high share of pure aluminum-pigments.

Plasticoate aluminum Roof Coating extends the lifetime of the roof, it reduces the surface temperature and hence the continuous thermal conditional movements.

This outstanding surface coating can be applied on almost all bituminous roof-surfaces just as metal - and asbestos cement- roofs.

Reflect up to 80% of the damaging UV-irradiations

The sun is the biggest enemy an each of roof. Its damaging UV-irradiations cause an oxidation of the bitumen-containing insulation and dry them out. Plasticoate aluminum Roof Coating reflects up to 80% of the damaging UV-irradiations and the shiny aluminum-layer prevented that the existing roof coating dries up and becomes cracked.

Decreases the surface temperature

The reflective quality of Plasticoate aluminums Roof Coating causes a reduction of the surface temperature of the roof. Heat is stopped before it can penetrate into the roof-construction.

This diminution of the roof-temperature causes a support of the roof-isolation since the temperature-differences reduce themselves to the building-inside. Temperature-tests with aluminums Roof Coating has achieved result following. That with surface coated of Plasticoate aluminum Roof Coating was 12 °C after a hour and after eight hours 15 °C more cool.

Increases the lifetime of the roof

The preventive coating with Plasticoate aluminums Roof Coating extends the lifetime of the roof-insulation about many years. Through desiccation caused Rips conditional and as a resultant of it the leakages are eliminated. On metal-roofs, the rust-formation becomes crucially reduced.

Easy to apply

Plasticoate Roof Coating cannot be diluted.

Beautify through brilliant silver-shine

Pure aluminum-pigments lend Plasticoate aluminums Roof Coating its incomparable silver-shine. Roofs of factories, etc are often from more highly laying office buildings and are visible. Here, of course a roof coated by aluminums Roof Coating creates a very groomed impression.

Plasticoate Aluminium Roof Coating
Bitumen-roof-coating
with aluminum-pigment

The following data are minimum-consumption-quantities. More material is required according to condition of the roof-surface.

on smooth roof-tracks	150 g/m ²
on metal-roofs	150 g/m ²
on asbestos cement roofs	170 g/m ²
on other elastic systems	150 g/m ²

Attention! Plasticoate Fibered Aluminum Roof Coating **cannot** be put on so-called zero roofs that means on roofs with less than a gradient of 2 ° and on areas with standing water.

Technical data

Characteristics:

Color:	silver
Layer thickness, dry:	0,071 mm at 170 g/m ²
Weather resistance:	good for dry, tropical and cold climates
Method of processing:	with brush, roller, squeegee and with spray application
Resistance to:	rust, corrosion, water, and water steam, different saturated salt solutions and sunlight

Physical data:

Characteristics:

Specific density, g/m ³ at 15.5 °C	0,98
Solids, % by wt.	44 – 46
Flash point, PMCC (ASTM D-93)	at least 37 °C
Proportion of bitumen, % by wt.	26 – 28
Proportion of solvent, % by wt.	57.2
Aluminium paste , per Kg	27 – 28.5
Aluminium pigments, per Kg	200,0 g
Viscosity, at 25 °C, CPS	40 – 70