

- 
- Isolates
  - Protects
  - Improves
  - Includes strengthening plastic-fiber
  - Extends the lifetime of the roof
  - Easy to apply
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Plasticoate Fibered Aluminum Roof Coating is a thick gel coating, which provides a better essential protection as a simple thin color layer. The product encloses among a high percentage of fine aluminum pigments, plastic-fiber that increase the mechanical firmness.

- **Isolation**

Plasticoate Fibered Aluminum Roof Coating creates a shiny silver surface, which reflects infrared- and ultraviolet-radiation of the sun up to 80%. Hereby, the temperature of the roof construction decreases and the inside-temperature can be reduced up to 15 °C. The air conditions work more effective, but you feel more comfortable in non-air conditioned buildings.

- **Protection**

Plasticoate Fibered Aluminum Roof Coating stops heat before it gets into the roof construction. The temperature-conditional movement of the roof will be reduced and the roof sealing will be protected effectively towards drying out and rip-formation caused by weather influences. Plasticoate is a gel-similar coating, which offers more protection because of its higher layer-strength contrary to a thin color layer. The development of rust on metal will be decisively decreased and it prevents from moss growing on asbestos cement roofs.

- **Improvement**

Plasticoate Fibered Aluminum Roof Coating covered roofs get a more beautiful appearance because the enclosed aluminum pigments in this product give it a bright silver shine. Your property gets an attractive and looked after appearance and consequently it exhibits a confidence-inspiring impression.

- **Includes strengthening plastic-fiber**

Plasticoate Fibered Aluminum Roof Coating connects special bitumen, pure aluminum pigments and strengthening plastic-fiber to an excellent roof protection. In comparison to other layer-creating paints Plasticoate forms a thicker coat and of course it has a much higher protection-effect, as well.

- **Extends the lifetime of your roof**

Plasticoate Fibered Aluminum Roof Coating penetrates deeply in existing capillary cracks and prevents the penetration of water and in connection with it, the development of leaks. Plasticoate protects the roll roofing and extends the lifetime of the roof insulation for many years.

- **Easy to apply**

Plasticoate Fibered Aluminum Roof coating will be delivered ready to use and doesn't need to be rarefied. Plasticoate needs to be stirred thoroughly before using till all the aluminum pigments are equally mixed. The processing can be done with a roller, a brush, and a squeegee or also with spray application. Plasticoate is applicable to bituminous roll roofing, metal- and asbestos cement roofs, gravel compress roofs and some other roof systems. Don't work with spray application during windy weather conditions.

**Amount of material used:**

The following tells you about the minimum-consumption-quantity. More material can become necessary, depending on the condition of the roof surface.

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|----------------------------|--------------------------------|
| - on metal roofs           | 0,3 kg/m <sup>2</sup>          |
| - on bituminous roofs      | 0,3 kg/m <sup>2</sup>          |
| - on asbestos cement roofs | 0,3 till 0,5 kg/m <sup>2</sup> |
| - on other elastic systems | 0,5 kg/m <sup>2</sup>          |

**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**

<b>Characteristics:</b>	Color:	silver
	Layer thickness, dry:	0,35 mm at 0,6 kg/m <sup>2</sup>
	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
	Weather resistance:	good for dry, tropical and cold climates

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**Physical data:**

Specific density, g/m<sup>3</sup>

Solids, % by wt.

Viscosity, Brookfield at 25 °C

Flash point, PMCC (ASTM D-93)

Proportion of bitumen, % by wt.

Proportion of solvent, % by wt.

Proportion of water, % by wt.

Aluminum pigments, % by wt.

**Characteristics:**

0,98

53 – 55

3800 – 7000

at least 37 °C

33 – 34,5

44 – 46

less than 0,4

26 - 28