

Plasticoate Roof Coating

Bituminous coating

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- Strengthened roofing felt
 - Excellent cold resistance
 - Very high heat resistance
 - No danger of fire caused by cold application
 - Excellent adhesion
 - Easy to apply
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Plasticoate Roof Coating protects and expands the service life of the present roof cover for many years. This roof coating creates a seamless, lasting and waterproof layer on the present roof surface. It is produced according to strict quality checks and successfully used in Europe for more than 40 years.

- **Strengthened roofing felt**

The roof gets resistant to the natural, destroying weather because of Plasticoate Roof Coating. Lab-tests showed that Plasticoate Roof Coating increases the tensile strength of roofing felt up to 20%. The softener in Plasticoate Roof Coating and pe-netrate oils ensure that the roof stays firm and elastic to resist the thermal move-ments.

- **Excellent cold resistance**

Lab-tests proved that Plasticoate Roof Coating remains resistant even at tempera-tures of – 40 °C and doesn't get brittle. Such extreme temperatures can destroy a roof within few hours. Even at the coldest conditions Plasticoate Roof Coating guarantees a qualitative high-grade protection.

- **Very high heat resistance**

Under extreme solar radiation ordinary roof coats have the tendency to run off of very inclined surfaces. This causes that parts of the roof construction will get uncovered and face the influence of the weather unprotected. Plasticoate Roof Coating doesn't even run off at +100 °C and keeps its protective effects.

- **No danger of fire caused by cold application**

With Plasticoate Roof Coating it is unnecessary to use hot bituminous boilers or open gas flames. The product gets used in a cold way and it doesn't mean a danger of fire for your building and the workers.

- **Excellent adhesion**

An excellent adhesion will be obtained with an appropriate preparation of the roof surface. The special ingredients cause a deep penetration into the capillary of the porous roof skin through which a progressive aging will be decisive limited.

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- Easy to apply

Plasticoate Roof Coating gets applied on the roof directly from the container by brush, squeegee or through spray application. Heating up, thinning and stirring are unnecessary. That easy handling decreases the opportunity of eventual working mistakes.

- Technical data

Plasticoate Roof Coating is a proved, cold liquid bituminous roof coat for protecting of existing roof surfaces. It is elastic and matches the normal movement of the roof skin.

Characteristics:	Color:	black
	Layer thickness, dry:	0,93 mm at 1,2 kg/m ²
	Resistance to:	mild acids and lye, corrosion, water and water steam, satiated liquid hydrochloric solution and solar radiation
	Weather resistance:	good for arid, tropical and cold climates
	Using information:	by brush, squeegee or through spray application

Physical data

Characteristics

Specific density g/m ³	0,97
Flame point, PMCC according to ASTM D-93	at least 40 °C
Proportion of bitumen (% by wt.)	58 - 61
Proportion of mineral fillings (% by wt.)	4,5 – 5,0
Proportion of fiber (% by wt.)	1,4 – 1,6
Needle-penetration, 1/10 mm at 25 °C	240 – 320

The Institution for Research and Material Checking of Baden-Württemberg has tested Plasticoate Roof Coating according to DIN 18195-T02 and DS 835 (AIB 83) of the Deutsche Bundesbahn. It complies with all checked standards of the characteristic data, although the plastic span, which means the span of temperatures between heat- and cold resistance, is definitely higher than the standards. This means, that Plasticoate Roof Coating has a high heat stand assets and low cold rip-sensitivity.