

Plasticoate Roof-Coating PC

Bituminous roof coatings

- Excellent weather resistant
- Stronger adhesion
- Increased tensile strength
- High layer thickness
- Very resistant to air pollution
- Resists extreme temperatures
- Easy to apply

Plasticoate Roof-Coating PC is a cold-liquid bitumen roof coating designed to provide durable roof protection for years. Its superior qualities are similar in many ways to regular Plasticoate Roof-Coating PC. Above that, it offers some more advantages because of its special composition. Especially in cold and temperate climate zones it can be better applied and is the preferred coating for applying for our "Cap Sheet" roof systems with embedding a strengthening layer between 2 layers of roof coating (called "sandwich-method").

- **Extreme weather resistant**

The higher quantity of fiber in Plasticoate Roof-Coating PC creates a thicker protection layer than other roof coatings. This causes an even better weather resistance and consequently a longer lifetime of the roof.

- **Stronger adhesion**

Plasticoate Roof-Coating PC contains additional penetrating oils, which get into the existing roof surface and cause an extreme good adhesion. Adhesiveness problems on a properly prepared roof surface are impossible.

- **Increased tensile strength**

Plasticoate Roof-Coating PC is processed with an extra measure of strengthening fibers. Because of that it gets a higher tensile strength with an increased flexibility. The product is able to adjust normal, thermal caused movements of the roof surface.

- **High layer thickness**

Plasticoate Roof-Coating PC provides an up to 5% higher layer thickness as comparable roof coatings with the same consumption quantity.

- **Very resistant to air pollution**

Plasticoate Roof-Coating PC helps provide a durable shield of protection against air pollution while guarding against unwanted corrosion and deterioration.

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- Resists extreme temperatures

Lab-tests have proved that Plasticoate Roof-Coating PC doesn't crack even at temperatures of -40 °C and doesn't run off of vertical surfaces at temperatures of +130 °C, as well. Such temperatures could destroy a roof within hours. However, Plasticoate Roof-Coating PC remains adhesive on its original place and provides a long protection of your roof for years. Plasticoate Roof-Coating dries within 10 days at normal conditions.

- Easy to apply

Plasticoate Roof-Coating PC will be delivered ready to use and will be applied with a brush, a slide or with spray-application.

- Technical data

Plasticoate Roof-Coating PC is a thick roof coating, which especially is developed for our "Cap Sheet" roof systems. It is made out of the same bitumen of high quality like our Plasticoate Roof-Coating PC, but has a higher layer thickness. It shows excellent stretching- and adhesion-qualities, is resistant to air pollution and very weather resistant under different climatic conditions.

Characteristics:	Color:	black
	Layer thickness, dry:	1,91 mm at 3 kg/m ²
	Resistance to:	mild acids and lye, corrosion, water and water steam, saturated salt solutions and sun radiation
	Weather resistance:	good in dry, tropical and cold climate
	Application:	with brush, squeegee or spray application

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Physical data:	Characteristics:
Specific density:	1,15
Solid quantity, % by wt.:	72 – 74
Flash point, PMCC according to ASTM D-93:	40 °C
Bitumen quantity, % by wt.:	40 – 42,5
Quantity of mineral fillers, % by wt.:	24 – 26
Fiber quantity, % by wt.:	1,5 – 2,0
Penetration, 1/10 mm at 25 °C:	240 – 320

The Institution for Research and Material Checking of Baden-Württemberg has tested Plasticoate Roof-Coating PC 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 PC has a high heat stand assets and low cold tear sensitivity.