

Plasticoate Primer

Primer for Plasticoate coatings

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- The perfect underground for Plasticoate roof coatings
 - Resists oxidation because of special produced bitumen
 - Higher proportion of solid as a conventional primer
 - Offers excellent, elastic remaining adhesion
 - Easy to proceed
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Plasticoate Primer is used as a preparing primer of existing roof surfaces, before it gets coated with Plasticoate roof coatings. Plasticoate Primer sticks excellent on existing roof coatings and saturates with protective bitumen at the same time.

- **The perfect underground for Plasticoate roof coatings**

Plasticoate Primer gets in old, dried out surfaces, replaces lost bitumen, because of oxidation and consequently increases the flexibility of the existing roll roofing. Plasticoate Primer contains no solids or fiber and develops an ideal, receptive basis for following coatings with Plasti-Chemie GmbH Plasticoate roof coatings.

- **Resists oxidation because of special produced bitumen**

Plasticoate Primer contains a very high-quality, catalytic air blown bitumen, which doesn't get weather-beaten and destroyed that fast in comparison to usual traded bitumen. The Plasticoate Primer doesn't get hard, doesn't get brittle, stays longer elastic and is therefore able to handle the permanent roof movements, caused by weather changes.

- **Higher proportion of solid as a conventional primer**

Plasticoate Primer contains 70% bitumen. This is a noticeable higher proportion of solid as in normal primers which proportion of solids is mostly only appr. 50%. Therefore, with Plasticoate Primer a thicker layer of protective bitumen remains on the roof surface even after the evaporation of the solvents.

- **Offers excellent, elastic remaining adhesion**

Plasticoate Primer is excellent suitable for gluing on strengthening rolls as it is necessary with our Cap Sheet Systems. Especially this product creates a firm, not hardening but flexible remaining combination in the overlapping area, which of course can adjust the movements of the roof construction.

- **Easy to proceed**

Plasticoate Primer will be delivered ready to use. Heating up, stirring or diluting are not necessary. An expensive removing of the old roof won't be necessary in most of the cases because the primer will be directly applied on the existing roof surface. Plasticoate Primer will be put on with brush, squeegee or with spray application.

- **Technical data**

Plasticoate Primer is a prepared primer for further weather resistant coatings with one of our Plasticoate roof coatings. It has an excellent adhesion characteristic and in addition it saturates the existing roof surface with protective bitumen. Plasticoate Primer has a high proportion of solids in comparison to most of the usual traded primers, which contain for the most part of solvents. Plasticoate Primer helps to prevent rust development on metal roofs.

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- **Characteristics:**

Color:	black
Layer thickness, dry:	0,59 mm with 0,8 kg/m ²
Resistance towards:	mild acids and lye, corrosion, water, steam of water and sunbeams
Weather resistance:	good for dry, cold and tropical climate
Application:	with brush, squeegee or with spray application

Physical data:

Data:

Specific weight (ASTM D-70):	0,948 at 15,5 °C
Viscosity, Saybolt Furol:	150 – 250 at 50 °C
Flame point, PMCC (ASTM D-93):	at least 40 °C
Not volatile components (% by wt.):	1g/3h at 105 °C, 70 minutes

Distillation according to ASTM D 402 – 77

Distillation, percent of volume at:

225 °C	20,0
260 °C	26,0
315 °C	31,5
360 °C	35,0

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