

POLAPLAST P10

POLYURETHANE PRIMER ONE-COMPONENT

GENERAL CHARACTERISTICS

POLAPLAST P10 is a low viscosity, moisture curing, clear, polyurethane-based, one-component resin with good long term elasticity. **POLAPLAST P10** is used as an adhesive component between the sub-floor and the **BASE COAT OF POLTRACK SYSTEM**.

- Penetrates in depth.
- Ideal for old and new surfaces.
- Designed for improving adhesion of **BASE COAT OF POLTRACK SYSTEM** on asphalt and concrete surfaces without rising humidity issues.
- **POLAPLAST P10** contains solvents.

TECHNICAL DATA

Basis:	one-component polyurethane
Appearance:	liquid
Color:	transparent
Viscosity DIN 53018/1+2:	approx. 100 mPa•s at 20°C
Density DIN 53217:	approx. 1,00 gr/cm ³ at 20°C
Temperature for the application and drying of the material:	5 – 35°C

PREPARATION-APPLICATION

Applied on dry surfaces without rising humidity issues, free of materials that might prevent bonding e.g. dust, loose particles, grease etc (in case of asphalt or concrete). The success in the application depends on the right preparation of the underlay and use of the material.

- **Good, dry** cleaning of the surface from dust and residues.
- Priming of the surface with **POLAPLAST P10 applied by airless spray equipment or brush. The BASE COAT OF POLTRACK SYSTEM** should be constructed while **POLAPLAST P10 is still a bit sticky**. Curing takes place at ambient temperature by evaporation of the solvent and reaction with atmospheric moisture. High temperatures and moisture will shorten the cure time.
- The temperature should not fall below 5 °C during curing.
- Opened drums should be used up quickly.
- Depending on the temperature and humidity, 3-5 hours is the minimum waiting time.

- The **BASE COAT OF POLTRACK SYSTEM** should be constructed within 24 hours of primer application.
- **NOTE: Rain will cause the primer to lose its function! If the primer was affected by rain, the base layer should not be constructed! Instead, the sub floor has to dry and the primer application has to be repeated.**

CONSUMPTION

150-200 gr/m² depending on the type and the absorbency of the underlay.

APPLICATION TOOLS

Airless or low-pressure spray equipment or brushes.

PACKAGING

Supplied in drums of 200 Kg.

STORAGE

One year in unopened containers in cool and dry places, out of sunlight, with minimum temperature 5°C and maximum temperature 30°C.

CAUTION

The application must take place in well-aired places using protective gloves. Skin or eye contact must be avoided, otherwise wash carefully with soap and water.

For more information consult the material safety data sheet.

The information given here is true, represents our best knowledge and is based not only on laboratory work, but also on field experience. However, because of numerous factors affecting results we offer this information without any guarantee and no patent liability is assumed. For additional information or questions, contact the technical department of KDF LTD.

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