

POLAPLAST P22

Two component sealant coating for KDF's running track Systems

GENERAL CHARACTERISTICS

POLAPLAST P22 is a solvent free, two - component polyurethane sealant, with good elastic and tensile strength properties. Meets IAAF standard, it is environment - friendly, flexible with high strength.

POLAPLAST P22 is a running track material used as sealing layer in sandwich running track systems providing good force reduction.

POLAPLAST P22 is easy to apply and shows a good curing behavior even at low or high temperature.

TECHNICAL DATA

Mixing Ratio	89.2 : 10.8 (By weight)
Density of mixture (25°C)	app. 1.45 – 1.55 Kg/Lt
Viscosity(25°C)	20.000 – 30.000 mPa•s at 25°C
Pot-life (25°C)	20-30 min. at 25°C
Application temperature	10 – 40 °C
Curing (25°C and %60 relative humidity)	After 24 hours
Color	Beige or Colored upon request

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 using vacuum cleaner and squeegees.
- **POLAPLAST P22** is applied directly on top of surfaces, on a cast-in-situ cushion base layer of wet pour (SBR rubber granules mixed with polyurethane binder) or prefabricated roll, which have to be dry, load bearing, clean and free of loose and brittle particles and substances which impair adhesion such as oil, grease, paint or other contaminants.
- The interval between the application of pore sealer (first coating) and further coatings should not exceed 24 hours. In case of longer breaks, the use of **POLAPLAST P22** as bonding agent is recommended after cleaning thoroughly.
- Processing temperature of both components should be between 10-40°C. The A component should be thoroughly stirred to incorporate any slight separation, while continuing stirring the hardener (B component) should be added. Continue stirring until a homogeneous mix is obtained. After mixing A & B component, the ready to use

POLAPLAST P22, is applied upon the surface using Flat Trowel. The mixed material must be used within 20-30 minutes of mixing at 25°C. The surface must be dry and clean.

- Material coverage lies between 1.3 - 2.5 Kg/m² and the material consumption depends on the surface structure if the base mat (grain size, compaction, evenness) and on the temperature of substrate, ambience and material. Substrate temperatures must not exceed 50°C as this would liquefy.
 - During the first hours after application, the coating had to be protected from direct contact with water as this could cause foaming of the material. In case of (expected) rain, **POLAPLAST P22** should not be applied.
 - Pore-sealed surface with **POLAPLAST P22** track material can be recoated during the first 48 hours after application without the use of primer if the surface is dry and clean.
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CONSUMPTION

1.3 - 2.5 kg/m², depends on the porosity of the substrate.

APPLICATION TOOLS

Flat trowel.

REMARKS

Use a slow rotating mixer at approximately 300-500rev/min for at least 3-4 minutes until the blend is homogenous and streak free. Ensure that the mixer reaches the side and bottom area of and mix it again for one additional minute. Processing temperature of both components should be between 15-30°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 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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