

## POLAPLAST P20

Two-component, Self-Leveling coating for KDF Running track System POLTRACK SANDWICH

### GENERAL CHARACTERISTICS

**POLAPLAST P20** is a pigmented and solvent free, two component self-leveling coating, with good elastic and tensile strength properties. Meets WORLD ATHLETICS standard, it is environment-friendly, flexible with high strength.

It's a running track material used as wear coat for sandwich running track systems providing good force reduction.

**POLAPLAST P20** is easy to apply, it shows a good curing behavior even at low or high temperature.

### TECHNICAL DATA

Mixing Ratio	70.92 : 29.08 (By weight)
Density of mixture (25°C)	1.40 – 1.50 Kg/Lt
Viscosity(25°C)	3500 – 8000 mPa•s at 25°C
Pot-life (25°C)	20-30 min.
Application temperature	10 – 40 °C
Curing (25°C and %60 relative humidity)	After 24 hours
Color	KDF colorchart

### 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 P20** is a high-performance system applied on a cast-in-situ cushion base layer of wet pour mixture (SBR rubber granules mixed with polyurethane binder) or prefabricated roll, which is first sealed with the sealant **POLAPLAST P22** before the application of **POLAPLAST P20**, with a final topping of colored EPDM granules broadcast onto **POLAPLAST P20**.
- 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. The mixed material must be used within 20-30 minutes of mixing at 25°C. The well mixed material is applied with a V-notch trowel 5.5 mm and the parallel use of a spiked roller. Before the mixture cures, broadcast the

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EPDM granules (1mm- 3mm). After full curing, use an air blower to remove the excess of the granules.

- Material coverage lies between 2.2 - 2.5 Kg/m<sup>2</sup> for a standard sandwich system and the material consumption depends on the temperature of substrate, ambience and material. Substrate temperatures must not exceed 50°C as this would liquefy the material.
- 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 P20** should not be applied.
- NOTE: In cases re-coating is required, proceed in the first 24 hours after previous application without the use of primer if the surface is dry and clean.

## CONSUMPTION

2.2 - 2.5 kg/m<sup>2</sup>.

## APPLICATION TOOLS

V-notch trowel, 5.5 mm & spiked roller.



## PACKAGING

Set of 282kg (barrels), set of 24kg(drums)



## 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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