

POLYSPORT 1052 TRANSPARENT

UV-RESISTANT, POLYURETHANE-BASED, TWO-COMPONENT, ALIPHATIC TOP COATING

GENERAL CHARACTERISTICS

POLYSPORT 1052 TRANSPARENT is a polyurethane, two-component, solvent-based, aliphatic top coating for outdoor sports surfaces.

- It is applied as a final, protection layer on top of playground floorings made of **SBR rubber** plus **PU binder** mixture, or **EPDM** plus **PU binder** mixture, on safety tiles, running tracks or on top of any outdoor sports court in general.
- Provides a mat surface with exceptional resistance in abrasion and various chemical agents. It has good force reduction, tensile strength and weather resistance.
- It is UV-resistant and thus absolutely suitable for outdoor surfaces.

TECHNICAL DATA

Mixing Ratio (transparent)	80 :20 (By weight)
Density (25°C)	0.9-1 kg/l
Viscosity (25°C)	50-400 mPas
Curing (25°C)	6-8 hour
Color	Transparent

PREPARATION-APPLICATION

- Good, dry cleaning of the surface from dust and residues using vacuum cleaner and squeegees.
- Caution must be taken so that temperature of the support surface as well as ambient air remains above 15°C during application and curing of the materials while relative humidity does not exceed 75%.
- The resin component should be thoroughly stirred to incorporate any slight separation, while continuing stirring the contents of the hardener container should be added. Continue stirring until a homogeneous mix is obtained. Airless sprayer or roller can apply **POLYSPORT 1052 TRANSPARENT**.

CONSUMPTION

App.200-500 gr/m², depending on the substrate. Apply two coats at least.

APPLICATION TOOLS

Short-haired mohair roller or airless sprayer. Tools should be cleaned with **PU SOLVENT** immediately after use.



PACKAGING

Set of 15kg (drums).



STORAGE

12 months in unopened containers in dry places with minimum temperature 5°C and maximum temperature 30 °C.

REMARKS

- Working time of **POLYSPORT 1052 TRANSPARENT** decreases when ambient temperature rises.
- Prolonged storage of partially used containers containing **POLYSPORT 1052 TRANSPARENT** must be avoided as contact with atmospheric moisture will result in skinning and clouding of the product.
- After hardening **POLYSPORT 1052 TRANSPARENT** is completely safe for health.
- The two layers of **POLYSPORT 1052 TRANSPARENT** will have to be applied strictly within 24 hours of one another (European conditions) **or within 3-6 hours (GCC high-temperature conditions)** in order to cover the surface swiftly and protect it from unwanted weather or other adverse conditions (sand dust, accumulated dirt or foreign matter etc.). In case the 24-hour limit (Europe) or the 3-6-hour limit (GCC) is surpassed or weather or other adverse conditions interfere between layers at any time, the surface might need sanding again to restore smoothness and cleanliness before applying subsequent layers of the aliphatic top coat.

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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