

POLYSPORT PU 951

POLYURETHANE-BASED, TWO-COMPONENT, SELF-LEVELING COATING

GENERAL CHARACTERISTICS

POLYSPORT PU 951 is a solvent-free, polyurethane-based, two-component, self-leveling coating for indoor sports surfaces.

POLYSPORT PU 951 has excellent mechanical properties, like high impact.

It is applied on prefabricated subfloors of sports flooring such as **ISOPOL 854**, shock-pad in rolls, or wet-pour rubber cushion mix of SBR rubber granules and **PU BINDER 1118** after they are sealed with elastic pore sealer **POLYSPORT STUCCO 950**. Combines finally with polyurethane finish paint **POLYSPORT 952** for the creation of a multilayer polyurethane floor, especially designed for sport halls such as tennis, basketball, handball, volleyball and multipurpose halls.

- Applies easily with trowel, providing excellent self-leveling properties.
- Highly flexible and elastic contributing in the athletic performance of the flooring.
- Non shrinking.

TECHNICAL DATA

Mixing Ratio (By weight)	86,96 : 13,04 By weight
Density mixture (25°C)	1.40 – 1.50 Kg/Lt
Viscosity(25°C)	3.500 – 8.000 mPa•s at 25°C
Pot-life (25°C)	20 - 30 min at 25° C
Hardness (Shore A)	80
Application temperature	10 – 40 °C
Curing (25°C and %60 relative humidity)	After 24 hours
Color	KDF's Color chart

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.
- Caution must be taken so that temperature of the support surface as well as ambient air remains above 10° C during application and curing of the materials while relative humidity does not exceed 75%.
- Application of prefabricated sub-floor **ISOPOL 854** using **PU FLEX 140** or wet-pour

REMARKS

- In case the layer of PU self-leveling is applied after more than 24 hours of the application of the last layer of PU pore filler then the whole surface must be sanded by a special sanding machine. After that the PU self-leveling can be applied.
 - Working time of **POLYSPORT PU 951** decreases when ambient temperature rises.
 - Prolonged storage of partially used containers containing **POLYSPORT PU 951** must be avoided as contact with atmospheric moisture will result in skinning and clouding of the product.
 - All surfaces should be thoroughly cleaned from dust and residues prior each application.
 - After hardening **POLYSPORT PU 951** is completely safe for health.
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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.