

POLYSPORT STUCCO 950

POLYURETHANE-BASED, TWO-COMPONENT, ELASTIC PORE FILLER AND SEALER

GENERAL CHARACTERISTICS

POLYSPORT STUCCO 950 is a polyurethane-based, two-component, solvent free, resinous paste designed for sealing of porous prefabricated subfloors of sports floorings such as **ISOPOL 854** or wet-pour rubber cushion mix of SBR rubber and **PU BINDER 1118**.

- It is combined with flexible, polyurethane, self-leveling coating **POLYSPORT PU 951** and matt, polyurethane finish paint **POLYSPORT MAT 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 good filling properties.
- Highly flexible and elastic contributing in the athletic performance of the flooring
- Non shrinking, non flammable.
- It resists against humidity, water and most of the chemicals. It has very good filling capacity and thixotropic properties. It has low fluidity feature with its filler structure. It can be easily applied. It provides strong and elastic filling after the reaction.
- It can be applied on rubber sheets, wood, metal and other kinds of surfaces except polyethylene. It is used to fill pores, cracks, dilation spaces, holes to smooth and repair the floor and other filling applications. It is also a general purpose sealant for sealing joints in building construction.

TECHNICAL DATA

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| Mixing Ratio | 6 : 1 |
| Density of mixture (20°C) | app. 1,75±0.1 gr/cm ³ |
| Density of Comp. A(20°C) | app. 1,88±0.1 gr/cm ³ |
| Density of Comp. B (20°C) | app. 1,22±0.05 gr/cm ³ |
| Pot-life (23°C) | 30-40 min |
| Application temperature | Min 5°C |
| Curing (20°C and %60 relative humidity) | After 24 hours it can be sanded |
| Color and odor | Colors in Ral catalog |

PREPARATION-APPLICATION

Applied only on dry surfaces, protected from arising humidity.

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.
- Application of prefabricated sub-floor **ISOPOL 854** using **PU FLEX 140** or wet-pour rubber cushion mix of SBR rubber and **PU BINDER 1118**.
- 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%.
- Following, components A (resin) & B (hardener) of **POLYSPORT STUCCO 950** packed into separate containers in fixed weight proportions are mixed together using a low revolution mixer (300-600 rpm) for 1-2 min. Stirring of the mixture should be performed thoroughly near the sides and bottom of the container in order to achieve uniform dispersion of the hardener. **The mixed material must be used within 30-40 minutes of mixing at 20°C**
- The polyurethane mixture is poured on the floor and spread using trowel. Applied in two layers at least. Sanding of each layer is needed after drying
- In case of high porosity sub-floors a second layer of **POLYSPORT STUCCO 950** is advised after approx. 14 hours of the initial application depending ambient temperature.
- The next day, depending ambient temperature follows application of self-leveling coating **POLYSPORT PU 951** and the day after that finishing paint **POLYSPORT MAT 952**.

CONSUMPTION

Approx. 0,80 kg/m² depending on the support surface and the porosity of floor covering.

APPLICATION TOOLS

Trowels. Tools should be cleaned with **PU SOLVENT** immediately after use.

PACKAGING

Supplied in set of 21 kg (two drums). Components A and B have the fixed weight proportion.

STORAGE

12 months in unopened containers in dry places with minimum temperature 5°C and maximum temperature 28°C.

REMARKS

- Working time of **POLYSPORT STUCCO 950** decreases when ambient temperature rises.
 - Prolonged storage of partially used containers containing **POLYSPORT STUCCO 950** 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.
 - Care should be taken that the porosity of prefabricated sub-floor **ISOPOL 854** or wet-pour rubber cushion mix of SBR rubber and **PU BINDER 1118** using **POLYSPORT STUCCO 950** is eliminated to avoid surface defects on the final surface of **POLYSPORT PU 951**.
 - After hardening **POLYSPORT STUCCO 950** 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. Flammable before application.

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.