

POLYSPORT MAT 952

POLYURETHANE-BASED, TWO-COMPONENT, MAT FINISH PAINT

GENERAL CHARACTERISTICS

POLYSPORT MAT 952 is a polyurethane, two-component, solvent-based, mat finish paint for indoor and outdoor sports surfaces.

- It is applied on polyurethane, self-leveling coating **POLYSPORT PU 951** as a final, sealing layer of a multilayer polyurethane floor especially designed for sport halls such as tennis, basketball, handball, volleyball, football and multipurpose halls.
- Applies easily with paint roller or airless spray.
- Provides a mat surface with exceptional resistance in abrasion and anti-slip properties.
- It is UV-resistant and thus suitable for both indoor and outdoor surfaces.

TECHNICAL DATA

Basis:	two-component polyurethane resin
Appearance:	liquid
Colors:	on request
Viscosity:	1150 ± 100 mPa•s at 23°C
Density:	1,290 ± 0,010 gr/cm ³
Mixing proportion (A:B):	85,4:14,6 by weight
Application time:	approx. 3 hr at 23°C
Temperature for the application and drying of the material:	15 – 25°C

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.
- 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%.
- Application of prefabricated sub-floor **ISOPOL 854** using **PU FLEX 140** or wet-pour rubber cushion mix of SBR rubber and **PU BINDER 1118**.
- Sealing of surface porosity of **ISOPOL 854** or the wet-pour rubber cushion mix of SBR rubber and **PU BINDER 1118** using elastic pore sealer **POLYSPORT STUCCO 950** and application of self-leveling coating **POLYSPORT PU 951**.
- Attention should be taken on the fact that the porosity of prefabricated sub-floor **ISOPOL 854** using **POLYSPORT STUCCO 950** is eliminated to avoid surface defects on the final surface of **POLYSPORT PU 951**.
- The next day, depending ambient temperature follows application of **POLYSPORT MAT 952**. Components A (resin) & B (hardener) 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.
- Surface is then sealed with the polyurethane mixture using a paint roller or airless spray.

CONSUMPTION

Approx. 0,15 kg/m².

APPLICATION TOOLS

Short-hair mohair paint roller or airless spray. Tools should be cleaned with **PU SOLVENT 133** immediately after use.

PACKAGING

Supplied in set of 5 or 15 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 MAT 952** decreases when ambient temperature rises.
 - Prolonged storage of partially used containers containing **POLYSPORT MAT 952** 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 MAT 952** 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.