

FLOORFIX 600

Repairing flooring for sports surfaces

GENERAL CHARACTERISTICS

FLOORFIX 600 is a two component, repairing flooring consisting of hard quartz or marble aggregates (grain thickness 1-3mm, 2-4mm and 2-5 mm or bigger) and polyurethane hard resins.

- Creates a high resistant, granule flooring without joints, not requiring maintenance.
- Suitable for exterior and interior usage, ideal as subfloor for sport floorings and running tracks.
- Resistant to mechanical stresses, wearing from friction and chemical effects.
- Applied in thickness from 5 mm till 100 mm.

TECHNICAL DATA

Basis:	Hard polyurethane resin, aggregates
Appearance:	viscous paste
Colors:	dark transparent
Mixing proportion	8:92 by weight (resins-aggregates)
Final strength:	after 7 days at 25°C
Temperature for the application and drying of the material:	10 – 50 °C
Walkability:	after 2 days at 25°C
Adhesive strength:	>3 N/mm ² (breaking of concrete)

SUBSTRATE REQUIREMENTS

Concrete quality:	at least C20/25
Age:	at least 30 days
Moisture content:	below 4%

PREPARATION-APPLICATION

Applied only on dry surfaces. Protected from arising humidity and free of materials that might prevent bonding e.g. dust, loose particles, grease etc. The success in the application depends on the right preparation of the underlay and use of the material.

- Caution must be taken so that temperature of the substrate as well as ambient air remains above 10°C during application and curing of the materials while relative environment humidity does not exceed 75%.
- **Good, dry** cleaning of the surface from dust and residues with vacuum cleaner and squeegees.
- The polyurethane mortar is applied on the surface using a flat trowel. The material is pressed using a rectangular stainless trowel and laid until applied to the desired thickness (from grain thickness up to 10 cm).

CONSUMPTION

20kg/per square meter (1,6 kg hard resin and 18,4 kg aggregates).

APPLICATION TOOLS

Trowels, rectangular stainless spatulas. Tools should be cleaned with solvent immediately after use.



PACKAGING

Resin in 220 kg barrels and aggregates in BIG bags.



STORAGE

12 months in unopened containers in dry places with minimum temperature 5°C and high temperature 30 °C (avoid sunlight).

REMARKS

- Prolonged storage of partially used containers must be avoided as contact with atmospheric moisture will result in skinning and clouding of the product.
- Do not mix or apply unless surface, air and material temperatures are over 10°C during the next 24 hours.
- Do not apply to floors if there is moisture in the subfloor drive or hydrostatic pressure. Prior precautions measurements of humidity with special device are suggested.
- It is recommended that tools are cleaned periodically with **POLYURETHANE SOLVENT** during application.
- After hardening it is completely safe for health.

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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