

ELASTOSPORT 853

SELF-LEVELING, REPAIRING ACRYLIC RESURFACER FOR EXTERNAL ATHLETIC COURTS

GENERAL CHARACTERISTICS

ELASTOSPORT 853 is acrylic-based, one-component resurfacer for external basketball, tennis, volleyball and handball courts.

- Applied on asphalt and cement surfaces for the creation of a sub floor for athletic courts that does not need maintenance.
- Smoothens and upgrades rough courts in two or more coatings depending on the porosity of the flooring.
- Minimizes the cost of reparation of sports grounds.
- Applied easily without prior experience. Water can be added gradually up to 3% per weight
- In case of athletic courts, **ELASTOSPORT 853** should be covered next day with elastic coating for sports grounds **ELASTOTURF 851** (which is a certified coating by the INTERNATIONAL TENNIS FEDERATION (I.T.F.) or painted with **SPORTCOAT 819**, while in case of surrounding areas in stadiums, traffic education parks, corridors etc should be covered with **CORRIDOL 864**.

Provides:

- Safe game.
- Perfect bounce of the ball.
- Non-slip surface even when is wet.
- Easy cleaning using water.
- Resistance to weather conditions.

TECHNICAL DATA

Basis:	one-component acrylic resins, fillers
Appearance:	viscous liquid
Colors:	beige-white
Viscosity:	980 ± 3 mPa•s at 23°C
Density:	1,850 ± 0,014 gr/cm ³
Bulk density	1620 ± 8 gr/lt
Gelation time:	approx. 30 min at 23°C
Time for the application of Elastoturf or Akryloepox:	after 2 days at 25°C. Final strength after 10 days at 25°C
Temperature for the application and drying of the material:	8 – 35°C
Walkability:	after 2 days

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.

- **Good, dry** cleaning of the surface from dust and residues with vacuum cleaner and squeegees.
- Priming of the surface with joining resin **RITIVEX 1102** for the proper adhesion of the material. Application of one or more layers until the surface is saturated. Avoid the creation of puddles of the material. Consumption: 200 gr/m², depending on the absorption of the underlay.
- When the primer begins to dry (approximately 1 hour depending on the ambient temperature), follows the application of **ELASTOSPORT 853**.
- **ELASTOSPORT 853** is applied in two or more coatings, depending on the desirable thickness and the roughness of the surface. Each new coating is applied after the previous one starts to dry.

CONSUMPTION

2 kg/m² in two layers, depending on the porosity of the surface.

APPLICATION TOOLS

Squeegees. Tools should be cleaned with **WATER** immediately after use.

PACKAGING

Supplied in barrels

STORAGE

One year in unopened containers in dry places with minimum temperature 5°C and maximum temperature 30°C.

REMARKS

- In case of extremely rough and sharp cement or asphalt surfaces it is recommended grinding of the surface with a mosaic machine, sandblast or rotor machine before the application of **ELASTOSPORT 853**.
 - Application and drying of **ELASTOSPORT 853** must take place during cool hours. During summer or in hot climates, ideal time for the application of the material is between 4:00-9:00 a.m. while in the winter, the minimum bearing temperature during application and drying should be 8°C.
 - The freshly coated surface should be protected from high temperatures, wind, rain and frost for at least the first 24 hours.
 - Higher lining thickness is achieved with repeated layers.
 - For covering cracks, or holes it is recommended the addition of 50% quartz sand to **ELASTOSPORT's** weight (grain thickness from 3-10 mm).
 - In case it gets damaged, it is simply repaired and recoated on the spot.
 - In case ELASTOSPORT needs a bit more workability, water can be added gradually up to 3% on the total mix
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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 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.