

ELASTOSPORT 853 COLORED-R

CONCENTRATED, ACRYLIC RESURFACER FOR ATHLETIC COURTS

GENERAL CHARACTERISTICS

ELASTOSPORT COLORED 853-R is acrylic-based, colored, resurfacer for basketball, tennis, volleyball and handball courts. Silica sand must be added in order to be able to use the material in the application of the sports flooring system.

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.
- **ELASTOSPORT 853-R COLORED** should be covered with **ELASTOTURF TOP** or **ELASTOTURF 851**.
- Mixing ratio in weight 50% **ELASTOSPORT COLORED 853-R** and 50% silica sand plus up to 10% water in the mix.

Provides:

- Safe game.
- Perfect bounce of the ball.

SUBSTRATE REQUIREMENTS

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

TECHNICAL DATA

Basis:	acrylic resins, fillers
Appearance:	viscous liquid
Colors:	24 colors, KDF colorchart
Viscosity:	24.000-34.000 mPa•s at 25°C
Density:	1.32-1.42 kg/l
Temperature for the application and drying of the material:	10 – 40°C after 1 day at 25°C
Walkability:	

KDF - Kataskeves Dapedon LTD
e : exports@kdf.gr w : www.kdf.gr

Headquarters/Showroom Office
19th km National Road Thessaloniki-Moudania
57001, Neo Rysio, Thessaloniki, Greece
t / f : +30 2310 829598



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 or air blower and squeegees.
- Priming of the surface with joining resin **RITIVEX R LIQUID 1102** for the proper adhesion of the material. Application of one or two layers until the surface is saturated. Avoid the creation of puddles of the material.
- When the primer is dry (approximately 1 hour depending on the ambient temperature), follows the application of **ELASTOSPORT COLORED 853-R**, after adding silica sand in granulometry of 0.3-0.5mm. Proportions in weight 50% **ELASTOSPORT COLORED 853-R** and 50% silica sand plus up to 10% water in the mix.
- **ELASTOSPORT COLORED 853-R** is applied in two layers, depending on the desirable thickness and the roughness and absorbency of the surface. Each new layer is applied after the previous one has dried.
- Follows the application of one layer of **ELASTOTURF TOP**.

CONSUMPTION

1.0-1.5 kg/m² in two or three layers, as concentrated material, **ELASTOSPORT COLORED 853-R**, depending on the porosity of the surface.

APPLICATION TOOLS

Squeegee (width 55cm). Tools should be cleaned with **WATER** immediately after use.



PACKAGING

Supplied in barrels of 200Kg, 160Kg, 20kg drums



STORAGE

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

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REMARKS

- In case of extremely rough and sharp cement or asphalt surfaces it is recommended grinding of the surface with a mosaic machine before the application of **ELASTOSPORT COLORED 853-R**.
- Application and drying of **ELASTOSPORT COLORED 853-R** must take place during cool hours. During temperatures over 40°C ideal time for the application of the material is between 22:00-9:00 a.m. while the minimum bearing temperature during application and drying should be 10°C.
- The freshly coated surface should be protected from high temperatures, wind, rain and frost for at least the first 24 hours.
- Coating thickness more than 0.5 mm is achieved only by repeated layers.
- For covering cracks, or holes it is recommended the addition of 70% quartz sand to **ELASTOSPORT COLORED 853-R** weight (grain thickness from 0.2-0.5mm) in the first layer.
- In case it gets damaged, it is simply repaired and recoated on the spot.

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.

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