

ELASTOTURF TOP

ACRYLIC, SPECIAL, COATING FOR EXTERNAL SPORT FIELDS

GENERAL CHARACTERISTICS

ELASTOTURF TOP is acrylic-based, colored coating for external sport fields.

- Applied on asphalt and cement waterproofed surfaces without rising humidity issues following the application **ELASTOSPORT 853 COLORED** or **ELASTOSPORT 853 COLORED-R**.
- Ideal for basketball, volleyball, handball, football and tennis external courts. Suitable for sports centers, schools, fitness centers, pavements.
- Applied easily, having low cost.
- Provides a safe, high quality game.
- For the creation of lines in sport courts it is recommended the use of acrylic paint **ELASTOMARK 818** in any desirable color.

TECHNICAL DATA

Basis:	one-component acrylic resin
Appearance:	viscous liquid
Colors:	24 colors according to our colorchart
Viscosity:	
Density:	20.000 – 33.000 mPa•s at 25°C
Temperature for the application and drying of the material:	1.60 – 1.70 Kg/Lt
Walkability:	10 – 40°C
Total Hardening:	after 24 hours at 25°C
	5 days at 25°C

PREPARATION- APPLICATION

Applied only on dry surfaces, without rising humidity issues 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 bonding resin primer **RITIVEX R LIQUID 1102** for the proper adhesion of the sub-floor. Application of one or more layers until the surface is saturated. Avoid the creation of puddles of the material. Consumption: 200 - 400

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 COLORED** or **ELASTOSPORT 853 COLORED-R** for sealing the pores of underlay.
- As soon as **ELASTOSPORT 853 COLORED** or **ELASTOSPORT 853 COLORED-R**, dries (5-6 hours at 25°C), follows the application of **ELASTOTURF TOP** by squeegee in a thin film.
- Depending on the ambient temperature **ELASTOTURF TOP** is diluted with up to 10% water, prior to application, in order to achieve better fluidity. It is applied in two or three coatings depending on the desirable thickness. The next layer follows the other after the previous starts to dry.

CONSUMPTION

0.3 – 0.35 kg/m² per layer, recommended in 1 or more layers.

APPLICATION TOOLS

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



PACKAGING

250kg barrels, 200kg barrels, 20kg drums



STORAGE

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

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 COLORED** or **ELASTOSPORT 853 COLORED-R**.
- During summer or hot climates, ideal time for the application of **ELASTOTURF TOP** is between 22:00-9:00 a.m. and 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 48 hours.
- In case it gets damaged, it is simply repaired and recoated on the spot.

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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 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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