

ELASTOTURF 851S - SMOOTH

SPECIAL, ELASTIC, SMOOTH COATING FOR INTERNAL SPORT COURTS

GENERAL CHARACTERISTICS

ELASTOTURF 851S is acrylic-based, elastic, smooth colored coating for internal sport courts.

Is combined with prefabricated shock- pad roll in thickness of 4mm to 14 mm or a wet-pour mixture of **SBR granunles** (0.5 – 2.0 mm granulometry) **plus PU BINDER** in order to seal the pores and plasticize the floor.

- Ideal for multipurpose courts, basketball, volleyball, handball, football and tennis internal courts. Suitable for sports centers, schools, fitness centers, hallways.
- Applied easily, having low cost.
- Provides a safe, high quality game.

TECHNICAL DATA

Basis:	one-component acrylic resin
Appearance:	viscous liquid
Colors:	available in 24 colors form KDF colorchart
Temperature for the application and drying of the material:	10 – 40 °C
Viscosity:	10.000 – 20.000 mPa•s at 25°C
Density	1.47 – 1.57 Kg/Lt
Walkability:	after 24 hours at 25°C
Total Hardening:	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.
- Application of the material (in three or more layers) on prefabricated shock-absorbent rolls in thickness of 4mm to 14mm or on wet-pour made from the mixture of **RECYCLED RUBBER 858 (0.5 -2.0 mm granulometry)** and **PU BINDER 1118** (in three or more layers), for sealing the pores of the underlay and plasticize the surface.

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- Depending on the ambient temperature, **ELASTOTURF 851S** is diluted with 5-6% up to 10% water, prior to application, in order to achieve better fluidity. The next layer is applied after the previous starts to dry.
- Before the application of the second layer and after the application of the final layer (before applying **TOP COAT POLYSPORT 952**), always use a sanding machine.
- The next day, depending on the ambient temperature follows the application of **TOP COAT POLYSPORT 952** in 2 crossing layers by a short-haired mohair roller or even better by airless sprayer.

CONSUMPTION

- 1.5 – 1.6 kg/m² (three layers on shock-pad)
- 3.5 – 3.8 kg/m² depending on the granulometry of the SBR (three layers on wet-pour shock-pad)

APPLICATION TOOLS

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



PACKAGING

225kg, barrels, 190kg barrels, 25kg drums



STORAGE

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

REMARKS

- During temperatures over 40°C, ideal time for the application of **ELASTOTURF 851S** 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 and frost for at least the first 24 hours.
- 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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