

SMART TOP 890

ACRYLIC, SPECIAL, COATING FOR EXTERNAL SPORT FIELDS

GENERAL CHARACTERISTICS

SMART TOP 890 is acrylic-based, colored coating for external sport fields.

- Applied on asphalt and cement waterproofed surfaces without rising humidity issues following the application **SMARTCOAT 880**.
- 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:	20.000 – 33.000 mPa•s at 25°C
Density:	1.6 – 1.7 Kg/Lt
Temperature for the application and drying of the material:	10 – 40°C
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.
- 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 **SMARTCOAT 880** for sealing the pores of underlay.

- As soon as **SMARTCOAT 880**, dries (24 hours at 25°C), follows the application of **SMART TOP 890** by squeegees and rollers in thin film.
- Depending on the ambient temperature **SMART TOP 890** is diluted with 5-10% water, prior to application, in order to achieve better fluidity. It is applied in 1mm thickness, 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 2 layers or more.

APPLICATION TOOLS

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



PACKAGING

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 **SMARTCOAT 880**.
- During summer or hot climates, ideal time for the application of **SMART TOP 890** 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.



Sports Flooring Systems & Building Materials

50 YEARS OF EXPERIENCE

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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