

## SUPER ELASTOCOAT FINE 842

VERY ELASTIC, CUSHION, SUB-FLOOR FOR SPORT FIELDS

### GENERAL CHARACTERISTICS

**SUPER ELASTOCOAT FINE 842** is acrylic-based, highly flexible, pasty, wet-pour cushion rubber flooring with SBR granulometry 0.2-0.5mm for sport fields.

- Applied on asphalt and waterproofed cement surfaces without rising humidity issues, for the creation of a very elastic sub floor of 1-2 mm for athletic courts that does not need maintenance.
- Ideal for the creation of very elastic external and internal tennis, basketball, handball, football and volleyball courts etc.
- Applied easily, providing a safe, high quality game.
- As final surface it is recommended that **SUPER ELASTOCOAT FINE 842** is covered with elastic coating for sports grounds **ELASTOTURF 851**, which is a certified coating by the INTERNATIONAL TENNIS FEDERATION (I.T.F.).
- 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:	acrylic
Appearance:	viscous paste
Colors:	black
Density:	0.85-0.95 gr/lt
Viscosity:	20.000-30.000 mPa sec at 25°C
Temperature for the application and drying of the material:	10 – 40°C

### 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 with the subfloor. Application of one or more layers until the surface is saturated. Avoid the creation of puddles of the material. Consumption: 200-400gr/m<sup>2</sup> depending on the absorption of the

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underlay.

- When the primer begins to dry (1 hour usually, depending on ambient temperature), **ELASTOSPORT 853** is applied, for sealing the porosity of the subfloor, in one or more layers, depending on the desired thickness, the porosity and roughness of the subfloor. Application is done by squeegee Consumption: 1.30kg/m<sup>2</sup> for 1 layer, depending on the quality and the porosity of the subfloor.
- After one day, **SUPER ELASTOCOAT COARSE 842** is applied, in two up to five layers, depending on the thickness of the **FLEXFLOOR – EX SYSTEM**, diluted in 25% water by squeegee.
- Follows the application of **SUPER ELASTOCOAT FINE 842** in two layers, diluted in 25% water by squeegee.
- As soon as **SUPER ELASTOCOAT 842** dries (24 hours at 25<sup>0</sup>C), follows the application of **ELASTOTURF 851**.

## CONSUMPTION

0.8-1 kg/m<sup>2</sup> in two layers.

## APPLICATION TOOLS

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

## PACKAGING

Drums, barrels.

## STORAGE

One year in unopened containers in cool and dry places, out of sunlight, 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.
- During temperatures over 38°C, ideal time for the application of **SUPER ELASTOCOAT FINE 842** 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 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.**

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# KDF

Sports Flooring Systems & Building Materials

**50 YEARS OF EXPERIENCE**

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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