SAFEPOL COLORED SYSTEM
Certified by LABOSPORT

Elastic safety wet-pour flooring ideal for children playground in thickness from 4cm up to 15cm. Can be also used as first wet-pour layer of 6mm – 15mm for volleyball, handball, basketball, football courts and multipurpose courts, with the parallel use of paver machine.

Consists of mixture of **RECYCLED RUBBER 858** (80% by weight) with **colored PU BINDER 1120** (20% by weight) applied by trowel with the parallel use of a cylinder (10kg). It can create many designs and patterns since the binder is produced in various colors with the parallel use of special PU UV-resistant paint **POLYSPORT 1052** in a 2 cross layers by airless spray.

The mixture of **RECYCLED RUBBER 858** with **colored PU BINDER 1120** is applied in thickness of 40mm till 150mm and can be colored in all the thickness or alternatively, in the last 10mm minimum top thickness of the system.

In both cases, the top coat is the special PU UV – resistant paint **POLYSPORT 1052**.

KDF - Kataskeves Dapedon LTD
e : exports@kdf.gr w : www.kdf.gr
5 Koromila str, 54645, Thessaloniki, Greece
t / f : 0030 2310 829598, t : 0030 2310 683660

![KDF logo - Sports Flooring Systems & Building Materials - 45 YEARS OF EXPERIENCE](logo)

Steps :

a/ Playground Application

1. **PU PRIMER 870** – Polyurethane Primer . Applied by brush.
2. **Mixture of RECYCLED RUBBER 858, PU BINDER 1120.** Applied by flat metal trowel after spreading and leveling with rake and straightedge. Rolling with cylinder follows for compacting. Minimum 40mm thick or 10mm thick on 30mm mixture of SBR plus PU BINDER.
3. **POLYSPORT 1052 –UV-resistant PU paint.** Sprayed on the surface in the desired color as a double UV protection of the color on the surface, to create different designs and patterns and last for many years.

b/ Sport Flooring Application

1. **PU PRIMER 870** – Polyurethane Primer . Applied by brush.
2. **Mixture of RECYCLED RUBBER 858, colored PU BINDER 1120.** Applied by paver machine in total thickness of 10mm.
3. **POLYSPORT 1052 –UV-resistant PU paint.** Sprayed on the surface in the desired color as a double UV protection of the color on the surface, to create different designs and patterns and last for many years.

Important Remarks

✓ During summer or during temperatures over 35 degrees, ideal time for the application of **SAFEPOL COLORED SYSTEM** is between 21 00 and 06 00 and temperature less than 30°C, while in the winter, the minimum bearing temperature during application and drying should be over 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.

Substrate

Asphalt is the safer subfloor for sport floorings for sure and must be always preferred than concrete surfaces.

A.ASPHALT SUBSTRATE

The asphalt must have a slope of 0,7-1% **and must dry for at least 30 days so all solvents from the asphalt evaporate.**

The asphalt subfloor should be applied on well compacted 150 mm road base subfloor and asphalt should be laid in one layer (and not 2) in 6 to 8 cm with fine and coarse aggregates (up to 15mm granulometry) like the kind of asphalt used in road construction.

So, new road-grade asphalt will have to be laid (minimum 60mm) in one layer containing coarse aggregates and then mature for 30 days at least, before any application takes place on top of the asphalt to avoid bubbles on the final layer of the sport or rubber floorings.

B. CONCRETE SURFACES

Concrete surface must be powertroweled and must be smooth with a slope of 0,7-1%.

Then concrete must dry at least for 40 days and then the application takes place if there is no arising humidity for the subfloor. Before the application takes place, there must **be a proper griding** of the surface by a grinder machine to open the porous accordingly and also **a measurement by special instrument to measure humidity on the surface and in 10cm under the surface.**

Generally concrete is a risky subfloor and there may be problems **with arising humidity, especially in areas where the sea level is really high and when the sea is close.**

Always make expansion joints in large areas of concrete, in order to avoid uncontrollable cracks and failures.

KDF - Kataskeves Dapedon LTD
e : exports@kdf.gr w : www.kdf.gr
5 Koromila str, 54645, Thessaloniki, Greece
t / f : 0030 2310 829598, t : 0030 2310 683660