

PU RECOVER GL SYSTEM



Special formulated UV-resistant polyurethane, two component, mat and glossy coating with additives with the parallel use of **EPDM 857 - epdm powder** and then **a top coat PU layer** to plasticize completely the flooring.

Economical coating **to refresh and recoat old faded playground floorings or any other rubber floorings from Epdm granules or SBR granules**. Applied on faded, Epdm wet-pour rubber cushion surfaces, Epdm or recycled coloured rubber safety tiles to create a new colored top surface with high UV resistance.

Preparation – Application

- On clean rubber substrate made by EPDM granules, or EPDM - rubber tiles, application of 0,3 kg per square meter **of PU UV top coat POLYSPORT1062** by spray machine.
- Then when the coating is still wet, **broadcasting of 0,5 kg per square meter EPDM 857 -epdm powder** in the same colour of the rubber flooring preferable.
- Next day and after the complete drying of the surface, removal of the EPDM 857 -epdm dust that is not stucked on the surface with the parallel use of air blower.
- After the complete removal all the Epdm from the surface, **application of POLYSPORT 1062** in one layer to plasticize the flooring by spray machine and consumption 0,4-0,5 kg per square meter. In case the POLYSPORT 1062 applied by roll then the consumption can grow up to 30-50% more.

Important Remarks

- ✓ During summer or during temperatures over 35 degrees, ideal time for the application of **PU RECOVER GL 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 powerroweled 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 gridding** 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.