

## QUICKLAWN SAFEPOL OPEN-POROUS SYSTEM



Elastic, safety flooring ideal for children playground floorings, applied at site in various thickness from 30mm up to 120mm.

Consists of a prefabricated special safety pad for playground flooring **RAPIDFOAM 868** followed by a layer of **PU PRIMER 870** with a polyester net and on top a mixture in 15mm thickness of **EPDM 856** (in granulometry of 1-3mm) with **PU BINDER 1118** (upper layer).

### Steps :

1. **RAPIDFOAM 868** - Prefabricated special safety pad for playground flooring.
  2. **PU PRIMER 870** - Special, polyurethane primer with a polyester net.
  3. **SAFEPOL MULTICOLOR** - Mixture of PU BINDER 1118 and EPDM 856 in granulometry of 1-3mm.
- Applied by flat metal trowel after spreading and leveling with rake and straightedge. Rolling with cylinder follows for compacting.



## 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 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.

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