

Stobielast® S 128.**



Product description

Solvent free, elastic and thixotropic two component polyurethane *pore sealing* compound with good long term elasticity. **Stobielast® S 128.**** is designed for sealing the pores of rubber granule mats and layers during the construction of synthetic sport and playing surfaces.

Typical properties at 20°C

	Polyol	Polyisocyanate	Mixture
Density [g/cm³] DIN 53217/2	1.14	1.18	1.15
Viscosity [mPa·s] DIN 53018/1+2	thixotropic	85	thixotropic
Mixing ratio by weight	100	25	

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Colours of S 128.**

code	colour	RAL-type
.00	unpigmented – beige #	
.14	gentian blue #	approx. RAL 5010
.22	oxide red (standard)	approx. RAL 3009

special colour: will not be kept on stock all year

Working conditions

Object and working temperature	10 – 40 °C
Relative humidity	0 – 90 %

Potlife

Approximately 50 minutes at 20°C. The pot life can be shortened by raising temperature, increasing the mixing volume or adding accelerator.

Curing profile

The surface can be walked on after 18 - 24 hours at 20°C. Full curing is achieved after 4 - 7 days. Higher temperatures or addition of accelerator will shorten the cure time. Curing will be longer at lower temperatures. The temperature must not fall below 10°C during curing.

Typical properties of the cured material

Shore hardness (DIN EN ISO 868)	65 A
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Processing and application

The underground must be dry and free from dust, oil and grease. The ground and ambient temperature should not fall below +10°C. The hardener must be stirred into the resin component very carefully according to the indicated mixing ratio. The pore sealer will be applied directly on the rubber mat with a flat steel or rubber squeegee. Depending on the type and the quality of the rubber carpet one or two passes will be suitable.

Material consumption

0.6 – 1.2 kg/m². The exact quantity depends on the surface type.

Note: If the temperature of the rubber layer reaches 50°C or above, the material will lose its thixotropic properties and will start to drain into the rubber layer. This will lead to an increased material consumption. At high temperatures we recommend to thicken the material with EPDM or SBR rubber dust. Alternatively the following methods might be used:

- a mixture of Stobielast[®] S 154.** (mixed in the correct mixing ratio!) with EPDM or SBR rubber dust (approximate mixing ratio 2 parts coating + 1 part rubber dust)

Precautions

Please refer to the material safety data sheet carefully before using.

Packaging

25 kg working kits (20kg/A + 5kg/B).

Storage

Both components must be protected against humidity. Do not store at temperature below 5°C. The most favourable storage temperature is 15-25°C. Original closed drums can be stored for at least 12 months at ambient temperature. After a long storage period, the polyol should be stirred well before using.

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