

Stobielast® S 151.99



General Product Information

Solvent free, moisture curing one component polyurethane *binder* with good long term elasticity. Especially designed for the production of elastic safety surfaces. *Stobielast® S 151.99* is **UV-lightstable** with no discolouration.

The product is not suitable for spray applications. It must not be sprayed, sputtered or distributed into the air by other means.

Typical properties at 20°C

Density DIN 53217	1.07 g/cm ³
Viscosity DIN 53018/1+2	approx. 5000 mPa·s

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Working conditions

Recommended object and working temperature	10 – 40 °C
Minimum air and ground temperature required	5°C
Relative humidity	40 – 90 %

In dry conditions (relative humidity < 50%) the freshly laid surfaces can be carefully sprayed with water to prevent long curing times. The spraying with water can be repeated as often as necessary.

In cold conditions (temperature between 5°C and 10°C) the curing of the binder can be accelerated by adding either

- 1% to max. 3% accelerator Z 950.99 (amount based on binder weight)

directly into the mix, after rubber and binder have been mixed homogeneously. The catalyst needs to be mixed in until a homogeneous distribution has been reached (at least 3 minutes).

The catalyst can best be dosed by volume with plastic syringes. For this purpose 1 mL of catalyst can be counted as 1 g.

Accelerators should only be used when necessary and must *not* be used in wet conditions. The lowest amount of catalyst that reaches the desired effect should be used.

Curing profile

Curing takes place at ambient temperature by reaction with atmospheric moisture. Higher temperatures and moisture and the use of catalysts will shorten the cure time. The surface can be walked on after 15-24 hours at 20 °C. Full curing is reached after 2 to 3 days.

Application

We recommend a ratio of 100 / 20 (by weight) between rubber granules and binder.

Precaution

Material safety data sheet should be read very carefully before use.

Packaging

220 kg net drums and 25 kg plastic kegs. Other sizes on request.

Storage

The binder must be protected against humidity and stored above 5°C. The ideal storage temperature will be at 15-25°C.

Shelf life

At 15-25°C, the material can be stored for at least six months in the original unopened drums. Opened drums should be used up quickly.

Edition 11/2019

All provided informations concerning our products, including but not limited to, any recommendations and advice relating to the application and use of our products, is given in good faith based on our current experience and knowledge of its products when properly stored, handled and applied under normal conditions in accordance with our instructions. In practice, the differences in materials, substrates, storage and handling conditions, actual site conditions and other factors outside of our control are such that we assumes no liability for the provision of such information, advice, recommendations or instructions related to its products, nor shall any legal relationship be created by or arise from the provision of such information, advice, recommendations or instructions related to its products. The user of our product(s) must test the product(s) for suitability for the intended application and purpose before proceeding with the full application of the product(s).