

# Stobielast® S 099.00



## General Product Information

Hard, moisture curing polyurethane binder. **Stobielast® S 099.00** is especially recommended for elastic and tough surfaces for walking areas (sand or stone) and safety surfacing with coloured EPDM.

The product is not lightfast and it can cause the change of colour when bright EPDM granules or bright stones are used. However, an impairment of strength can not be observed.

## Typical properties at 20°C

Density DIN 53217/2	1,09 g/cm <sup>3</sup>
Viscosity DIN 53018/1+2	2000 mPa·s

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## Working conditions

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

Even in dry conditions (relative humidity < 50%) the freshly laid surfaces should NOT be sprayed with water.

## Curing profile

Curing takes place at ambient temperature by reaction with steam or atmospheric moisture. Higher temperatures and moisture will shorten the cure time. The surface can be walked on after 12 - 18 hours at 20°C. Full curing is achieved after 3 - 5 days. The temperature must not fall below 10°C during curing.

## Application

The following mixtures are recommended:

### **Walking areas:**

Coloured sand (0.6 - 1.2 mm)	50.0 parts by weight
Coloured sand (0.3 - 0.8 mm)	50.0 parts by weight
<b>Binder S 099.00</b>	7.0 to 12.0 parts by weight

or

Sand (0 - 8 mm)	100 parts by weight
<b>Binder S 099.00</b>	5.0 to 12.0 parts by weight

### **Special care must be taking to ensure the stones are dry.**

As each mixture of stones is different, trials are strongly recommended.

### **Precaution**

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

### **Packaging**

220 kg net drums. Other sizes on request.

### **Storage**

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

### **Shelf life**

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

### **Notice**

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