



**SB 9800**

**Curing agent**

## PRODUCT DESCRIPTION

### Usage / Properties:

#### SB 8900 is:

- styrene-butadiene copolymer resin based
- solvent free
- single component reaction resin
- unfilled
- not pigmented

#### SB 8900 is suitable for:

- post-treatment of fresh concrete and cement-screed surfaces

#### Special properties of SB 8900:

- protect fresh concrete from inhomogeneous and too fast drying-out by elevated temperatures, low humidity of air and/or heavy draft.
- After drying SB 8900 forms a transparent, slightly glossy protection coat.
- It ensures complete hydration as well as the failure-free strength development of the concrete, enhances so strength in near-surface areas and reduces the tendency to form shrinkage cracks.
- De to the fact that SB 8900 contains neither waxes nor separating substances, overcoating without completely removing the product is usually possible. We recommend to test the compatibility in advance.

### Colour / delivery unit / Shelf life

|                |   |
|----------------|---|
| Colour:        | transparent   |
| Delivery unit: | 30kg; further container sized on request            |
| Shelf life:    | 12 months after production date                     |
|                | Dry, cool, and free of frost in original containers |

## TECHNICAL DATA

|  |  |
|--|--|
| Density at 23°C / 50 % rel. hum. of air                      | approx. 1,01 g/cm <sup>3</sup>   |
| Barrier coefficient  | max. 71 %  |
| Solid contents   | approx. 23 %   |
| Viscosity (25°C)   | watery   |
| Material consumption   | Dependent on the absorbency of the substrate<br>approx. 150 g/m <sup>2</sup> |
| Processing time  | 10 – 15 minutes (30°C)   |
|  | 20 – 30 minutes (20°C)   |
|  | 40 – 60 minutes (10°C)   |
| Tack-free time   | min. 1 hour, max. 12 hours at 30 °C  |
|  | min. 2 hours, max. 24 hours at 20 °C   |
|  | min. 4 hours, max. 48 hours at 5 °C  |
| Curing (complete mechanical stress at 50% rel. hum. of air)) | 3 days (30 °C)   |
|  | 7 days (20 °C)   |
|  | 10 days (10 °C)  |

## Processing:

### Substrate:

The freshly laid surface must be walkable. Puddles and standing water must be removed beforehand.

### Tools:

Spray pistol, rubber slider, lambskin roller etc.

### Mixing:

SB 8900 must be mixed or shaken thoroughly beforehand.

### Application:

SB 8900 must latest be applied after the final smoothing process of the cement screed. SB 8900 is to be applied undiluted and evenly using a spray pistol. It is important not to spray too much SB 8900 on one point as this will lead to staining.

Alternatively, the product can be poured onto the surface and applied using a rubber slider or lambskin roller. This method leads to a higher material consumption.

### General:

Material, air, and substrate temperatures must be measured and must be between 10 °C and 30 °C during the whole application.

Furthermore, care must be considered that the substrate temperature is always 3 °C above the dew point temperature.

Attention needs to be paid, that the air humidity does not exceed 80 % at any point.

The product should be applied at a constant or decreasing temperature in order to avoid blistering by expansion of air in the substrate. Good ventilation after application and during curing must be ensured.

During the complete curing phase, the area has to be protected against direct contact with water.

When exposed to UV radiation, a slight change in colour and light chalking is expected.

## Cleaning

For cleaning the tools, we recommend using water. Do not use solvents!

## SAFETY INFORMATION:

Only for professional users.

The product is subject to the ordinance of hazardous substances, the ordinance of industrial health & safety and the transport regulations for hazardous goods. DIN safety data sheets and labelling information must be observed.

Disposal:

Emptied units over to Recycling.

Recycling according to the local rules

VOC-Directive 2004/42/EG:

Category IIA/j Type wb < 140 g/l VOC

(limit 2010)

Further details on request

Data base:

The determination of all the data and application information is based on laboratory tests. Measured values in practice may differ because of influences beyond our control.

Legal foundation:

The following specifications as well as the recommendations for handling and use of our products are based upon our knowledge and experience under normal conditions, at proper storing and application. Because of different materials, substrates and working conditions other than given normal values, a warranty of a working result or a liability – for whatever legal relationship - cannot be justified from these instructions or a verbal guidance respectively, unless intent or gross fault can be imputed to us. Here, the user must prove that he had transferred in written form, in time and completely every knowledge that is necessary for an appropriate and promising estimation. The user is obliged to test the products on their suitability for the intended purpose. Incidentally, our respective terms and conditions of business are valid. You get these on [www.wst-quarz.de](http://www.wst-quarz.de). Only the newest edition of this technical data sheet is valid.

**WST Quarz GmbH**  
**LISE-MEITNER-STRASSE 5**  
**46569 HÜNXE**

**TELEFON: +49 (0)281 944 03 10**  
**FAX: +49 (0)281 944 03 33**  
**info@wst-quarz.de**  
**www.wst-quarz.de**