

SILICEOUS SEALANT

TOP SEAL SV100 SILICEOUS SEALANT

TEST CERTIFICATES AND SUPPORTING DOCUMENTS

- › Company certification acc. to DIN EN ISO 9001:2015

PROPERTIES

- › Strengthens the substrate, closes the pores and with the silicate structure, it increases the chemical resistance
- › For sealing off against liquids such as salt water, acids, waste water and other chemicals
- › For the protection and repair of fresh water reservoirs
- › In the event of cracking, protection from penetration of water
- › Protection from blooming
- › Increases the surface strength of concrete and screed, reduces abrasion
- › Water and oil-rejecting effect
- › Almost no optical change of the surface
- › Due to nano technology it penetrates deep into the substrate
- › Open to water vapour diffusion
- › Heat resistant
- › Easy to process, instantly applicable
- › Low viscosity, non-odorous
- › Quick drying
- › Prevents algal growth on paving-stones and concrete surfaces
- › Ecological

AREAS OF APPLICATION

- › On old and new cement-bound floors
- › As a sealing against dampness on walls
- › Areas with a high mechanical and chemical load
- › Areas that are exposed to salt water
- › Surface protection for concrete, screed, pipes and any cement-bound substrate

TECHNICAL DATA

TYPE	TOP SEAL SV100	
Basic	inorganic material	
Solvents	none	
Colour	transparent	
Consistency	liquid	
Viscosity	mPa · s	< 100
Max. permissible atmospheric humidity	max. 95 % r. h.	
pH	11.9	
Required quantity of applications:	1-2 applications within 5-10 min	
Application	Brush/Roll/Sprayer	
Density approx.	g/cm ³	1.1
Consumption approx. (depending on substrate)	g/m ²	150 - 400
Air and substrate temperature	+5 °C max. +55 °C	

Storage: 24 months. Cool, dry, free from frost. Unopened in its original container.

Delivery form: 5-kg canister
(Special package sizes available upon request)

APPLICATION

SUBSTRATE PREPARATION:

The substrate should be dry and free from dust. Loose parts, oil, fats and other impurities have to be removed. Prior to the treatment, cretaceous and sandy particles have to be removed with e.g. a powerful industrial vacuum cleaner. Plaster and other soft coatings have to be removed.

APPLICATION:

The undiluted **TOP SEAL SV 100** is sprayed onto absorbent substrates or applied with a brush or a roll covering the whole dry surface.

On highly absorbent substrates and very fine-pored surfaces, it may be diluted with clear water at a ratio of 1:1.

If necessary, apply twice wet in wet. Surpluses have to be avoided. After the treatment, the surface has to be protected from rain and humidity for at least 24 hours and during this time should not be coated or treated otherwise.

Let dry for at least 6 hours and avoid in particular an undershooting of the dew point temperature.

CAUTION:

If **TOP SEAL SV100** is processed in combination with the **SEAL SI100**, first of all **SEAL SI100** has to be applied. After a sufficient time for drying (the surface must no longer be wet), **TOP SEAL SV100** may be applied on top. For information on the processing of **SEAL SI100** please refer to the technical data sheet on **SEAL SI100**.

Tools and cleaning:

Brush (small or wide), surface roller or sprayer. At each interruption of the work, the tools have to be cleaned with water. The tools have to be dried prior to the further usage.

Note:

On decorative visual surfaces at least on the day before the application at a non-critical location a test on a small area should be applied. If the substrate is non-absorbent, no application must take place.

Please protect glass, tiles, clinker and similar surfaces from splashes of the material. Aluminium should not get into contact with the product. Soiling should be washed off with water immediately. Care should be taken that prior to the application, no **TOP SEAL SV100** is getting on the surface such as e.g. by dripping tools or footwear, under which **TOP SEAL SV100** has built up. Otherwise, at those places, that have been netted prior to the application, blooming can occur.

In addition, during the application, clean footwear should be worn to avoid soiling of the readily applied substrate.