



Hydro Seal BE

- Concrete and screed strengthener -

Consolidation agent

Availability			
Quantity per pallet	60	24	2
Size / Quantity	10 kg	30 kg	200 kg
Type of container	Plastic canister	Plastic canister	Drum
Container code	10	30	69
Art. no.	1290	■	■

Application rate approx. 0.15 - 0.50 kg/m² depending on porosity of substrate

Range of use

- Consolidation agent for fresh concrete and cement screed
- Restoration and protection of mineral substrates
- Dust binding and strengthening of structures and surfaces
- Protection against soiling and damage of the pore structure

Property profile

- Clear
- Alkaline
- Increases abrasion resistance
- Increases compressive strength
- Reduces the absorption of water and damaging salts

Characteristic data of the product	Base	Alkaline silicate solution
	Density (20 °C)	approx. 1.15 g/cm ³
	pH value	approx. 11.4
	Colour	colourless, clear

The values stated represent typical characteristic data of the product and are not to be understood as binding product specifications.

Certificates > [Classification report no. 391455-02](#)

Preparation

- **Substrate requirements**
The substrate must be clean, absorbent and oil-free.
- **Substrate preparation**
Pre-wet old concrete/screed surfaces in advance (1 day before application of the product).

Directions

- **Conditions for use**
Temperature of material, environment and substrate: min. +5 °C to max. +25 °C.

Apply several generous layers of the material wet-on-wet using a flow coating procedure and without applying pressure.
Use a rubber scraper to spread the material, then brush through with a broom.
Remove any excess material and/or rinse with water after a suitable gel formation time (approx. 30 min).
It is recommended to use a cleaning machine on large surface areas.



Tips on use

Take appropriate measures to protect adjacent building elements and materials that should not come into contact with the product.
When used with pigmented screeds, colour changes may occur after the material is applied.
Depending on the ambient conditions, the reaction may take up to 90 days.

Notes Current regulations and legal requirements must be taken into account and deviations from these must be agreed separately.



Tools / Cleaning

Suitable spraying equipment, brooms, suitable cleaning machines



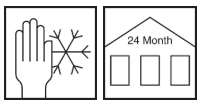
Clean tools with water while the material is still fresh.
Any material that has already begun to dry can only be removed mechanically.

Remmers tools

- > **Gloria Drucksprüher Pro 100 (4668)**
- > **Gloria CleanMaster PERFORMANCE PF 50 (4666)**
- > **Gloria CleanMaster EXTREME EX 100 (4665)**
- > **Flächenstreicher (4540)**
- > **Farbrolle FC (4913)**
- > **Rollerbügel (4449)**
- > **Pro nylon roller (5045)**
- > **Nylon Roller Standard (5066)**
- > **Heizkörperpinsel (4541)**

Storage / Shelf life

If stored unopened in its original container in a cool, dry place and protected against frost, the product will keep for at least 24 months.



Safety data / Regulations

For further information on the safety aspects of transporting, storing and handling the product and on disposal and environmental matters, please see the current Safety Data Sheet.

Disposal

Larger quantities of leftover product should be disposed of in the original containers in accordance with the applicable regulations. Completely empty, clean containers should be recycled. Do not dispose of together with household waste. Do not allow to enter the sewage system. Do not empty into drains.

Declaration of performance

- > **Declaration of performance**

Please note that the data and information given above have been calculated as guidelines in the laboratory and from real-life experience and are therefore not binding as a basic principle.

This information is therefore of a general nature only and describes our products and how they are used and worked with. In this respect, it must be borne in mind that the varied and diverse nature of the

prevailing working conditions, materials used and construction sites encountered means that not every individual case can be covered. In this respect, we therefore recommend either conducting tests or liaising with us in the event of any doubt. Unless we have provided express written assurance of the products' specific suitability or characteristics in respect of a contractually stipulated intended use, any technical application-related advice or instruction will never

be binding, even though it is provided to the best of our knowledge. In all other respects, our general terms and conditions of sale and delivery shall apply.

When a new version of this Technical Data Sheet is published, it shall replace the previous version.