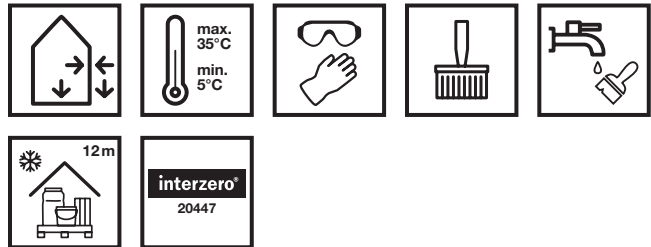


VESTEROL® GEL 280S

Hydrophobing gel for all absorbent mineral substrates



These pictograms apply to the **basic product**.
Deviations are possible depending on the area of application and processing.

PRODUCT INFORMATION

Description

VESTEROL® GEL 280S is a thixotropic silane emulsion. It penetrates deep into the building material and ensures permanent water repellency, even with dense building materials such as concrete. Due to its creamy consistency, VESTEROL® GEL 280S can be applied in one operation, in the desired layer thickness, without loss. The initially whitish impregnation layer later disappears completely. The reaction of the water repellent is completely finished after about 4 weeks. Accordingly, the beading effect also occurs with a time delay. The water-repellent effect is enhanced by repeated rainfall.

Application

- for the hydrophobization of absorbent, mineral substrates
- as protection against moisture penetration on visible clinker and brickwork, mineral exterior plaster, concrete, aerated concrete, etc.
- to prevent the formation of algae and moss, efflorescence due to water transport and chipping due to frost

Operational area

- absorbent, mineral substrates
- Sand-lime brickwork
- Plaster
- Concrete, aerated concrete
- Absorbent clinker bricks
- Natural stone (carry out preliminary test)
- Brick masonry

Place of use

- in outdoor areas

Properties

- driving rain-proof
- thixotropic, therefore easy to apply
- low odor
- very good penetration behavior
- alkali resistant
- vapour-permeable
- weatherproof

Technical Data

Available container sizes	5 l/PE bucket 20 l/PE bucket
Processing temperature	+5°C up to +35°C
Density	ca. 0,87 kg/l
Storage	frost-free, 12 months
Consumption	approx. 0.15 – 0.3 l/m ² depending on the absorbency of the substrate

SUBSTRATE

Properties/tests

- The substrate must be dry, load-bearing, absorbent, free of dust, formwork oil or other release agents.

Preparation

- Fill damaged joints, flaws and cracks over 0.5 mm before impregnation.
- Heavy contamination from industrial and soot deposits, cement residue, dust, loose particles etc. must be removed.
- Protect adjacent components that should not be wetted.
- The substrate to be impregnated must be prevented from becoming damp on the back.

AREAS OF APPLICATION AND PROCESSING

Applying

- The product can be applied with a brush, roller, tassel or airless spraying equipment. Ensure that the consumption quantities are observed during application.
- When processing with airless sprayers, observe the following guide values:
Pressure: 50 – 60 bar
Nozzle: 0.023 inch, 50° spray angle
- The treated surfaces must be protected from rain until the water repellent has been absorbed.

NOTES

Cleaning

- Clean all tools and equipment with water immediately after use.

To be observed

- Maintain a processing temperature of +5 °C to +35 °C.
- The full effectiveness of the impregnation is achieved after approx. 4 weeks.
- To ensure permanent water repellency, the façade must be re-impregnated after approx. 15 years (depending on the building material).
- The service life of the impregnation is dependent on the application quantity, pore volume, penetration depth and local weather conditions.
- Only for vertical and inclined surfaces.
- Not for sealing against pressing water.
- Surface irritation may occur on dense substrates such as glazed clinker or polished bricks. Carry out preliminary tests.
- A preliminary test must be carried out on critical substrates.



■ **Ingredients**

- Silangel
- water

■ **Occupational safety / Recommendation**

- Further information on safety during transportation, storage and handling can be found in the current safety data sheets.

■ **Disposal**

- The following applies to all systems: Only return empty containers to recycling partner Interseroh. Material residues can be disposed of in accordance with EWC code no. 08 04 09 (waste adhesives and sealants containing organic solvents or other hazardous substances).

■ **Producer**

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The statements are made based on extensive tests and practical experiences. They cannot be applied to every application case. Therefore, we recommend carrying out application trials if necessary. Subject to technical changes in the course of further development. Furthermore, our General Terms and Conditions of Business apply.