

Waterproofing gel for all absorbent mineral substrates

Characteristics

VESTEROL® GEL 280S is a thixotrope silane emulsion. It penetrates deeply into the building material, thus ensuring permanent waterproofing even in high-density building materials such as concrete. Due to its pasty consistency, **VESTEROL® GEL 280S** can be applied in a single operation as thickly as necessary and without any loss. The initially white impregnation layer disappears completely after about 1 hour. After about 4 weeks, the reaction of the waterproofing agent is complete. It also takes an equivalent length of time for the water-repellent property to take effect. Sprinkling several times will increase the water-repellent effect.

- Resistant to driving rain
- Thixotrope, thus easy to apply
- Low-odour
- Excellent penetration
- Alkali-resistant
- Permits diffusion
- Weather-resistant

Use

VESTEROL® GEL 280S is used for waterproofing absorbent mineral surfaces, for protection against moisture penetration on clinker and clay face brickwork, on mineral exterior rendering, concrete, aerated concrete and similar substrates.

Also for preventing the formation of algae and moss, efflorescence caused by movement of water and splintering caused by frost.

Areas of application:

- Absorbent mineral substrates
- Limestone masonry
- Plaster
- Concrete, aerated concrete
- Absorbent bricks
- Natural stone (carry out preliminary test!)
- Clay brickwork

Specifications

Packaging	PE bucket
Container size	20 l / 5 l
Delivery form	16 / 80 containers/pallet
Application temperature	+5 °C to +35 °C
Density	approx. 0.87 kg/l
Storage	frost-free, 12 months

Quantity required

Depending on absorbency of the substrate	0.15 - 0.3 l/m ²
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To determine the optimum quantity required, a small area should be tested in advance.

Preparation of the surface

The substrate must be dry and free of dirt and debris. Repair damaged joints, defects and cracks wider than 0.5 mm prior to impregnation. Remove heavy deposits of industrial dirt and soot. Remove lime efflorescence on brick masonry with **VESTEROL® S 10DD**. Protect any adjoining building parts that must not be treated. Prevent the surface to be impregnated against moisture penetration from the back.

Application

- Use a brush, roller or wide brush or an airless spraygun to apply the product. During application, observe the appropriate quantities to be applied.
- If the product is applied with an airless spraygun, observe the following guide values:
Pressure: 50 - 60 bar
Nozzle: 0.023 inch, 50° spraying angle
- Clean all tools with water immediately after use.
- Protect the treated surface from rain until the waterproofing agent has been absorbed completely.

Important notes

- Maintain the processing temperature at +5 °C to +35 °C.
- The impregnation is fully effective after about 4 weeks.
- To ensure lasting hydrophobic protection, the facade should be impregnated again after approx. 15 years (depending on the respective building material).
- The service life of an impregnation is dependent on the order quantity, pore volume, penetration depth and building-specific weather exposure.
- For vertical and sloping areas only.
- Not suitable for sealing against pressing water.
- On high-density surfaces such as vitrified clinker or polished stone, surface irritations may occur. Carry out preliminary tests.
- Always carry out a preliminary test on critical substrates before using the product.

Ingredients

Silane gel, water

Safety provisions/recommendations

For detailed information regarding safety during transport, storage and handling, refer to the updated safety data sheet.

Disposal

The local waste removal regulations must be observed.

Manufacturer

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This information is based on extensive tests and practical experience. However, it cannot be applied to every type of application. If in doubt, we recommend that you test the product before using it. Due to continuous product improvement, this information is subject to change without notice. Our General Terms and Conditions apply. Version as of 12.2020