

# SILOKSAN GEL

Water-borne gel containing polysiloxane for use together with SILOKSAN FACADE Silicone Emulsion Paint on mineral surfaces (the SILOKSAN method). Saves from 1-3 separate primings and saves thus also application costs.



Improves the water-repellent qualities of the substrate by preventing rain and splash water from penetrating into the structures. Allows water vapour from the structure to evaporate. Diminishes seepage of salts to the surface of the structure.



## TECHNICAL DATA

<b>Certificates, approvals and classification</b>	CE marking
<b>Fields of application</b>	Outdoor wall
<b>Recommended substrate</b>	Cement plaster, Clay brick, Concrete, Lime sand brick
<b>Solids</b>	Approx. 80% by volume
<b>Volatile organic compound (VOC)</b>	EU VOC limit value (kat A/h): 30 g/l. The product's VOC: max. 30 g/l.
<b>Thinner</b>	Water.
<b>Density</b>	Approx. 0.9 g/ml
<b>Storage</b>	Protected against frost and not above +30 °C.
<b>Packaging</b>	1 l.

## DIRECTION FOR USE

<b>Surface preparation</b>	See data sheet of SILOKSAN FACADE Silicone Emulsion Paint.
<b>Application</b>	Mix with SILOKSAN FACADE Silicone Emulsion Paint before painting, in the ratio 9 l paint to 1 l gel. Stir by e.g. drilling machine for a minimum of 5 minutes. The application is done according to instructions given for SILOKSAN FACADE Silicone Emulsion Paint. NOTE! The ready mixed paint must be used within the same working day (<18 h). The paint can be used after this time, but the water-repellent properties will be weakened and are then approximately the same as for the top coat.
<b>Application conditions</b>	The temperature shall be above +5 °C and the relative air humidity below 80 %.
<b>Drying time</b>	+23 °C / 50% RH
- touch dry	1 h
- overcoatable	2 - 3 h
	The drying process will be slower in cold and/or damp.
<b>Cleaning</b>	Water.

## HEALTH AND SAFETY

### Safety and precaution measures

See safety data sheet.



**0921**

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Declaration of Performance No. 0017

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Surface protection products – Hydrophobic Impregnation

Protection against ingress (1.1)

Moisture control (2.1)

Increasing resistivity (8.1)

Depth of penetration	Class II: $\geq 10$ mm
Water absorption and resistance to alkali	Absorption ratio < 7,5 % compared with the untreated specimen < 10 % after immersion in alkali solution
Drying rate for hydrophobic impregnation	Class I: > 30 %
Loss of mass after freeze-thaw salt stress	Fulfilled (weight loss at least 20 cycles later than untreated sample)
Dangerous substances	See safety data sheet

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