

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

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

DIRECTION FOR USE

Surface preparation	See data sheet of SILOKSAN FACADE Silicone Emulsion Paint.
Application	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.
Application conditions	The temperature shall be above +5 °C and the relative air humidity below 80 %.
Drying time	+23 °C / 50% RH
- touch dry	1 h
- overcoatable	2 - 3 h
	The drying process will be slower in cold and/or damp.
Cleaning	Water.

HEALTH AND SAFETY

Safety and precaution measures

See safety data sheet.

**0921**

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Declaration of Performance No. 0017

0921-CPR-2130

EN 1504-2:2004

Surface protection products – Hydrophobic Impregnation

Protection against ingress (1.1)

Moisture control (2.1)

Increasing resistivity (8.1)

Depth of penetration

Class II: ≥ 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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