
PRODUCT TYPE 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.

USAGE Will improve 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.

APPROVALS The product has CE approval for protection of concrete structures. Additional information: see page 2: "CE MARKING".

TECHNICAL DATA

Solids About 80 % by volume

Volatile organic compound (VOC) EU VOC limit value (kat A/h): 30 g/l 2010. The product's VOC: max. 30 g/l.

Density 0.9 g/ml

Drying time at +23°C / 50% RH

- touch dry after 1 hour

Overcoatable after 2 - 3 hours

Thinner, clean up Water

Packages 1 L
(availability varies by country)

DIRECTION FOR USE**Pretreatments**

See label or 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%.

STORAGE

Must not freeze.

The storage temperature must be below +30°C.

CE MARKING

	
0921	
Teknos Oy Takkatie 3, P.O. Box 107 FI-00371 Helsinki, Finland 13 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

The information of this data sheet is based on laboratory tests and practical experience. The figures are for guidance only and depend on, for example, colour and gloss. As we have no control over the use and application conditions, we are only responsible for the quality of the product and guarantee that it conforms to our quality control. We accept no liability for any loss or damage resulting from the application of the product contrary to the directions or the intended use. The latest versions of our data sheets, material safety data sheets and system sheets are on our home pages www.teknos.com.



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