



Inside walls
and façade



irritant

Product Description

✓Siloxan is a water repellent with breathing characteristics that protects facades from rain and moisture. In addition, it stops salt efflorescences, stops growth of algae, chalk stains, staining and prevents accumulation of dirt on the facade. The product is suitable for all absorbent and mineral surfaces (with the exception of gypsum) such as masonry, concrete, cement, screed, lime plaster, chalky sandstone, natural stones, autoclaved aerated concrete or asbestos cement. The material is resistant to UV, weathering, alkalis, frost and de-icing salt. It contains solvents.

▼ Siloxan Product Information

Characteristics

Composition

Liquid solution consisting of oligomere highly alkylized alkoxy siloxans. Contains solvents.

Features

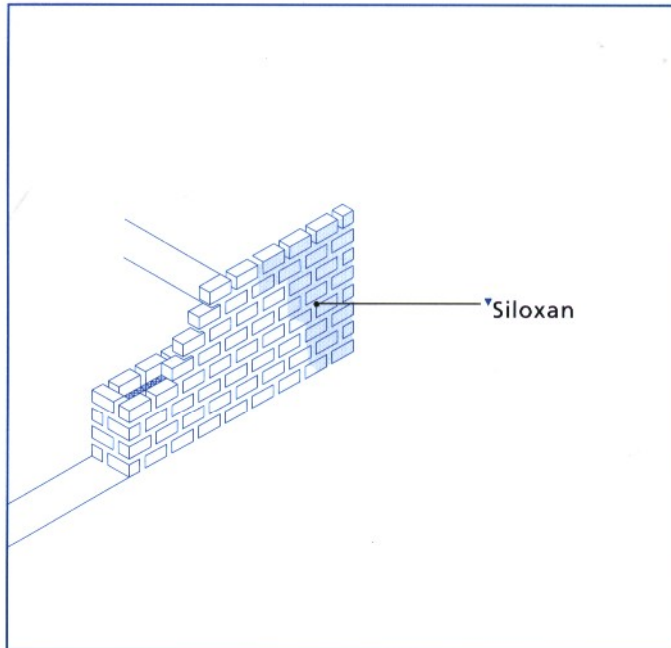
▼Siloxan is water repellent and vapour permeable. With these features, intrusion of rain water from the outside is prevented and evaporation of the moisture to the outside is warranted at the same time. Furthermore, the clear application stops salt efflorescences, growth of algae, chalk stains, staining and prevents accumulation of dirt on the facade. The material is resistant to UV, weathering, alkalis, frost and de-icing salt.

Strict adherence to the instructions is essential in order to ensure the superb durability of our products.

Areas of Application

▼Siloxan protects facades from rain and moisture and provides a waterproof surface with breathing characteristics at the same time. The product is suitable for all absorbent and mineral surfaces such as masonry, concrete, cement, screed, lime plaster, chalky sandstone, natural stones, autoclaved aerated concrete or asbestos cement.

Not suitable for - non-absorbent building materials and gypsum.



Left illustration:

Impregnation with

▼Siloxan resp.

▼Siloxan-Microemulsion

Directions for Use

Prior to Application

Get organized: 1 person can cover an area of approx. 40 qm twice per hour. ▼Siloxan may be applied starting at temperatures of +5 degrees Celsius.

Important! Do not coat façade during direct exposure to sunlight! The second coat must be applied immediately following the first coating. Tools etc.: Siloxan injector, wide-spraying nozzle. Also: goggles. Calculate how much you will need: Depending on the absorbency of the surface, approx. 0.5 liters per qm.

Prepare surface: The surface must be clean, stable, fine pored, free of bitumen, forming oil or greases; existing cracks may be no wider than 0.2 mm. Separation layers (of dust, grease, dirt or similar) need to be removed prior to coating with ▼Antilime.

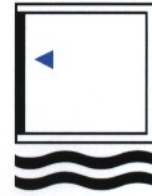
Handle ▼Siloxan with care.

The product is flammable (fire classification 2).

Wearing goggles during application is a must.

Classification for transportation:

Hazardous material group 3 no. 31c.



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Working Steps

1. Cover up windows, doors, plants, etc. Ensure that goggles are worn.
2. Fill unthinned ▼Siloxan into the siloxan injector and build up pressure; the pressure should not be too great as the fluid is not sprayed on but flooded on.
3. Attach wide spray nozzle.
4. First coating: Work from the top down. Impregnate the surface liberally with the fluid. A liquid film of approx. 30 - 50 cm should become temporarily visible underneath the area being treated at the time. As soon as it shows up you can continue working on the next area.
5. Second coating: ▼Siloxan is to be applied fresh on fresh; therefore, flood on the second coat immediately following the first coating.

After Application

Cleaning: Rinse tools and dirty areas with water immediately after use.

Subsequent Coats: The pre-coated surface may be painted with all types of exterior paint finishes commercially available.

Packaging, Delivery and Disposal

Packaging: 5 liter or 10 liter tin plate canister.

Colour: clear

Shelf life: ▼Siloxan is frostproof and can be stored in its original container for a period of one year after delivery without any losses in quality (see date of delivery). It needs to be stored in a dry area, however.

Delivery: Ex works or via our outside warehouses.

Disposal: Desiccated residues and packaging may be disposed via domestic garbage.

The surface may be moist but not wet; thus an application following a rain shower would not be possible.

When coating coloured façades, ensure that the original paint is solvent-proof!

Do not coat façades during direct exposure to sunlight!

The coating may not under any circumstances be exposed to moisture during and 3 hours after application.

Please refer to the information on the packaging as well.

Any more Questions?

Please direct these to our sales staff or to our Technical Advisory Board in the Wiesmoor plant:
(0 10 49) 4944 302-0.

All of the information provided has been compiled to the best of our knowledge. We recommend that the suitability of our products be ascertained prior to application by means of matching the treatment to the individual conditions and testing the product if necessary. Liabilities cannot be derived from this technical information. Our general sales, delivery and payment conditions are valid.



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Siloxan

Technical Data Sheet



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Product description	
Application	▼Siloxan protects façades against rain and moisture and provides a waterproof surface with breathing characteristics at the same time. The product is suitable for all absorbent and mineral surfaces such as masonry, concrete, cement, screed, lime plaster, chalky sandstone, natural stones, autoclaved aerated concrete and asbestos cement.
Composition	Liquid solution consisting of oligomere highly alkylized alkoxy siloxan. Contains solvents.
Features	▼Siloxan is water repellent and vapour permeable. With these features, intrusion of rain water from the outside is prevented and evaporation of the moisture to the outside is warranted at the same time. Furthermore, the clear application stops salt efflorescences, algae growth, chalk stains, staining and prevents accumulation of dirt on the façade. The material is resistant to UV, weathering, alkalis, frost and de-icing salt.

Specifications for application	
Working protection	Goggles. The product is flammable during application.
Working time	1 person needs approx. 1 hour to cover 40 qm
Type of application	flooding
No. of coats required	2 floodings
Warranty	5 years according to Civil Code
No. of persons required	1
Cleaner	▼Epoxan-Cleaner
Characteristics of surface	The surface must be mineral, absorbent and clean. Not suitable for gypsiferous substrates. The surface may be wet during flooding.
Working temperature	starting at +5 degrees Celsius
Consumption	depending on the absorbency of the surface approx. 0.5 liters per qm; more if the surfaces are highly absorbent
Tools	siloxan syringe resp. garden syringe
Cleaning of tools	use water immediately after use, once hardened, clean mechanically
Special comments	The coating should be protected against rain during and for approx. 3 hours after application. Make sure the surface is not too wet. Do not apply during direct exposure to sun. Coloured surface must be resistant to solvents.



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Biological/chemical/physical data	
Basis	Solution of oligomere highly alkylized alkoxy siloxan
Safe for walking	not suitable for walking
Load stability	after 3 hours
Fire protection hints	flammable (classification A 2)
Density	approx. 0.77 g per ml
Resistance to frost and de-icing salt	given
Hazardous material class	irritant
Consistency	liquid
Solvent	yes
Subsequent applications	possible with coloured exterior finishes in general use
Viscosity	1.5 mPa.s

Purchase/Order/Information	
Contact	Please refer to our sales staff or to our Technical Advisory Service in the Wiesmoor plant: (0 10 49) 49 44 3 02-0.
Item no.	1522 (5 l), 1523 (10 l)
Suppliers	various outside warehouses and plant
Disposal	Dried residues and the packaging may be disposed of via domestic garbage.
Packaging	5 liter or 10 liter tin plate canister; lid unit and handles made of plastic (PE)
Shelf life	▼ Siloxan is frostproof and when sealed tight, it can be stored in its original container for a period of 1 year after delivery without any losses in quality (see date of delivery on packing slip). It must be stored in a dry area, however.
Classification for transport	Hazardous material group 3 no. 31 c.



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