

Nano-Hydrophobierung

Water-based hydrophobic and oleophobic agent based on nanostructured silicon compounds. For absorbing surfaces in interiors and exteriors.



Product characteristics

Properties	<ul style="list-style-type: none">• Creates an extreme beading effect - impurities are washed off by the rain• The anti-adhesion properties of the surface protect against the absorption of water and oil• A single coating is sufficient• No greying• No impairment of the water-vapour permeability• Ready-for-use
Areas of application	Exterior and interior
Suitable substrates in detail	<ul style="list-style-type: none">• Sand-lime brick• Lime brick• Bricks• Concrete• Absorbent substrates

Material description

Binder	Nanoscaled silicon compounds
Density	1.0 kg/l
Average consumption (short text)	Approx. 100 - 200 ml/m ²
Average consumption	The consumption varies depending on the application technique and the substrate. It is therefore advisable to determine the exact consumption figure by producing a sample area.
Colour shade	Transparent
Gloss level	Neutral
Storage	Cool, but protected from frost

Substrates

Suitable substrates	Absorbent substrates such as synthetic or natural stone façades, concrete, hardened plastered surfaces
Substrate conditions	The substrate must be clean, dry, frost-free, firm and sound as well as free from efflorescences, algae, moss, fungal attack, sinter layers and release agents. Follow the building regulations (in Germany VOB, Part C, DIN 18363, Section 3).

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Application

Application method	Application by brush, roller or spraying
Spraying data	Spraying equipment
Application	The material can be applied by brush, roller or spraying. Take care to apply the material homogeneously and liberally (from bottom to top) in order to obtain a sufficient impregnation and thus the hydrophobic effect.
Application hints	Do not apply under a glaring sun, during strong wind or on warm substrates.
Note	This product must not be applied onto walkable surfaces as otherwise the surfact effect (nanoscale layer) will be destroyed.
Temperature limit	Between + 5° C and + 30° C for substrate and ambient air during processing and drying.
Drying time	At + 20° C for substrate and ambient air and 65% relative humidity (RH), allow to dry for approx. 4 hours. Lower temperature or a higher humidity extend the drying time.
Tool cleaning	Immediately after use with water and soap

Information

Product code	BSW20 (M-GF01)
Hazard statements and safety advice	Contains mixture of:Chloromethylisothiazolinone and Methylisothiazolinone .May produce an allergic reaction.
Declaration of ingredients	Polymeric dispersion (silicon compounds), water, preservatives (chloromethylisothiazolinone and methylisothiazolinone).
Observe safety data sheets	Further details: See Safety Material Data Sheet (MSDS)
WHC	1 (weakly water-polluting)
Waste disposal	Only completely emptied containers should be given for recycling. Dispose containers with residues of liquid product via waste collection point accepting old paints and enamels. Dispose dried hardened product residues as construction site/demolition/ municipal or domestic waste.

Container size

Content		EAN code	Article no.
10 L	Transparent	4002822011468	799673
2,5 L	Transparent	4002822020644	855223

This data sheet cannot deal with all types of application arising in practice. Therefore, we cannot be held responsible for their content. These instructions do not release the purchaser / applicator from his responsibility of professionally examining the substrate and determining the suitability of the product in consideration of the project characteristics. In case of queries please request the technical assistance of ALLIGATOR FARBWERKE.