

Maleki-VS 901

Sealer for bricks and natural stones

Item-No.: 1912

Innovative impregnation concentrate to protect mineral surfaces.

Technical data

Basis	aqueous silane / siloxane emulsion	Density	approx. 0.98 g/cm ³
pH-value	7 – 8	Color	milky white
Processing temperature	min. +5 °C max. +35 °C	Necessary number of applications	1 - 2 with a time span of 10 min in between
Organic solvents	none	Consumption	approx. 20 - 150 g/m ² , with regard to the diluted material

Properties

- water based and environmentally friendly
- VOC – and APEO-free
- water vapor permeable
- reduces the capillary absorbency of the substrate
- fast formation of hydrophobicity

Range of usage

- for indoor and outdoor use
- frontages of clinker brick
- old and new concrete floors
- Areas with high mechanical and chemical load and areas which are exposed to salt water
- because of its watery consistency Maleki-VS 901 is also suited for factory-made hydrophobization of building materials based on clay, porous concrete, brick, fiber cement, mineral fibers and lightweight fillers

Preparation of substrate

The underground has to be load-carrying and dry as well as free of dust, dredges, loose parts, oil, fat and other impurities. Chalking and strongly sandy components must be removed before application (suck off with efficient industrial vacuum cleaner). Remove render and/ or coatings. Please secure sufficient drying after wet cleaning with high-pressure cleaners.

Application

Depending on the absorbency of the substrate Maleki-VS 901 is diluted with clear water in the ratio 1:2 to 1:6. Apply with paint roller or spray up to saturation of the dry underground. Diluted material applied twice wet on wet. If it starts to rain the already impregnated areas have to be covered and the further impregnations have to be stopped. Surpluses are to be avoided. Protect the treated areas from rain and condensation at least 24 hours during which the solidified surface may not be coated

or treated. Even protect from rapid drying out from the sun and wind

Tools and cleaning

Short fiber paint roller, microfiber mop, spraying device. All equipment should be washed clean and dried before and after application.

Packaging and shelf-life

5 or 30 liter canisters. Container available on request. Original packing is storable for 6 months in dry and controlled temperate areas (not below 0 °C, recommended 10 – 25 °C). Reseal opened containers immediately and use within a very short time.

Safety notes

Avoid inhaling spray. Please refer to the Material Safety Data Sheet which can be requested on www.malekigmbh.com for further information on safety during transportation, storage, handling and disposal. Follow instructions on the packaging.

Notes

For decorative visible areas there should be a test area applied on a non-critical area. Do not apply on non-absorbent surfaces and safety related concrete components.

The content of this technical data sheet corresponds to the latest development and our applications experience. All information is based on ideal conditions and therefore does not apply for every application purpose. Due to different materials, substrates and different actual site conditions no warranty is given for the customer's application. In particular, we assume no liability based on this information or any verbal statements. The only exception is when we can be blamed for the case of intent or gross negligence. In that case the customer has to prove that he has transmitted all required information completely and in a timely manner for a proper and promising evaluation by Maleki GmbH. Any further details regarding the application of our products have to be confirmed in writing by Maleki GmbH. The customer must test the product's suitability for the intended application and purpose. We reserve the right to change the product specifications due to the ongoing development. Apart from that our general terms and conditions are valid. This data sheet supersedes all earlier technical data on this product. The technical data sheet can be requested on www.malekigmbh.com.