

Silicone Substrate Consolidator 916

Silicon-Grundfestiger 916

**low-emission, solvent-free, hydrophobing,
deep-penetrating, consolidating, for exterior use**

Properties

Low-emission, solvent-free and deep-penetrating primer on a siloxane-hydrosol base. Weather-resistant, water-based, with consolidating effect. Also conveys hydrophobic (water-repelling) properties and is highly diffusible since it does not form a film.

Field of Application

For priming, consolidating and simultaneous balancing of the absorbency of mineral substrates, such as exterior plaster (normal plaster of mortar groups Plc, PII and PIII), lime sandstone masonry, old silicate and mineral paint coatings, etc. in the Brillux Silicone System.

Material description

Color: milky transparent
Base Material: styrene-acrylate copolymer, siloxane
Density: approx. 1.04 g/cm³
Packaging: 5 l, 10 l

Use

Thinning

Ready for processing: use undiluted.

Tinting

Do not tint.

Application

Apply Silicone Substrate Consolidator 916 1 – 2x, depending on substrate absorbency, with a brush, (wet-in-moist). Can also be sprayed. Avoid creating glossy spots and areas.

Consumption

Approx. 150–200 ml/m² per layer, depending on the substrate absorbency.

Determine exact consumption by way of a test application on the object to be coated.

Application temperature

Do not apply if air or object temperature is below +5°C. Favorable air and object temperature at +10 °C to +25 °C.

Tool cleaning

Clean tools immediately after use with water.

Drying (+20 °C, 65 % relative humidity)

Recoatable and further system build-up after approx. 12 hours. Allow longer drying times at lower temperatures and/or higher air humidity.

Storage

Store in a cool and frost-free location. Reseal opened containers tightly.

Declaration

Note

Contains preservatives.

Water pollution class

Class 1, according to VwVwS.

Product code

BSW20.

Comply with the specifications in the current safety data sheet.

Coating build-up

Surface preparation

The substrate must be solid, dry, clean, load-bearing and absorbent as well as free of efflorescence, sinter layers, separating agents, corrosion-promoting materials or other intermediate layers that could interfere with bonding. Test existing coatings for suitability, load-bearing capacity and adhesion. Thoroughly remove coatings that are not intact or otherwise unsuitable, and dispose of them in accordance with the applicable regulations. Clean areas infested with fungus or algae thoroughly and treat them with Universal Disinfectant 542*. (*Take due care when using biocides. Always read the labels and product information before use.) Treat replastered areas with a fluorine primer. Pre-treat the substrate as required. See also VOB Part C, DIN 18363, Paragraph 3.

Prime coat

Absorbent exterior substrates, e.g. untreated exterior plaster (mortar group Plc, PII, PIII), lime sandstone masonry, intact mineral coatings, etc.

If the substrate still exhibits residual chalking after cleaning, intensively work in the Silicone Substrate Consolidator 916 with a brush 2x (wet in moist). To evaluate the adhesion, always prepare a test area of the entire system area.

Further build-up

With Silicone Brush-on Filler 910 or Silicone Facade Paint 918.

Notes

Conditions of the substrate

The prime coat and coat build-up must be adjusted to the condition of the substrate. Without an exact knowledge of the situation, no reliable recommendations can be made.

Cover surfaces

Cover surrounding structural elements made of plastic, glass, wood, etc. as well as plants. Immediately rinse off splashes of silicon consolidator with clean water.

Coating facades

Do not apply in direct sunlight, hot substrates, strong wind, rain, etc. Take protection measures, if necessary.

Further information

Follow the information on the Data Sheets of the products used.

Remark

This Data Sheet has been prepared taking into account the current applicable German laws, standards, specifications and codes of practice. All details have been translated from the current German version. The contents do not form a legal contract. The user and/or the purchaser is not released from the responsibility of checking that our products are suitable for the proposed use. In addition our Terms of Conditions and Payment apply.

When a new version of this Data Sheet appears with updated information the previous version no longer applies. The current version is available on our website.

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