

Siloxane Solution

Clear penetrating treatment for waterproofing

Description

Siloxane Solution is an impregnating agent, which induces water repellency in absorbant mineral building materials.

It is based on oligomeric, organosiloxane (partly hydrolysed silane) in aliphatic solvent. Under the influence of atmospheric humidity the sealer condenses to a tack-free polysiloxane.

Advantages

- Effective capillary and pore blocking
- Excellent penetration capacity
- High alkali resistance
- Tack-free drying
- Application to slightly damp materials is possible (but not desirable)
- Excellent UV stability

Application

Siloxane Solution can be used as a water repellent for a variety of building materials, including concrete, asbestos, cement, brick masonry, natural and artificial stones.

Siloxane Solution is not suitable for gypsum substrates. Cracks of more than ± 250 micron occurring after treatment may require re-treatment. The product is not effective under water pressure.

The ready-to-use **Siloxane Solution** is applied to the building material by spraying, brushing or dipping. Apply the solution freely and uniformly.

In general two coats are recommended. The flood coat method of application is best and may require only one coat.

A low-pressure jet is directed onto the substrate and held until a flood runs down about 200mm.

The jet is then moved progressively maintaining "wet-to-wet" contact. Splashes of the impregnating agent onto the surrounding areas should be avoided. The best results are obtained on dry-substrates.

The application rate is dependant on the absorptive capacity of the substrate. As a general guide the following may be used –

Asbestos cement	6–10/m ² /litre
Concrete	2–4/m ² /litre
Roughcast	1.2/m ² /litre
Aerated concrete	1/m ² /litre

The sealer demand of any structure should be established by test. For further information contact Samson technical services.

Precautions

The solvent used in this product is flammable. No open flames or sparks should be allowed in the vicinity. Avoid prolonged breathing of vapour and contact with skin. Keep out of reach of children.

Packaging

Siloxane Solution is supplied in 25 litre or 5 litre polycans.

Shelf Life

Siloxane Solution has a shelf life of up to nine months, stored in cool dry conditions, protected from high temperatures ($\pm 35^{\circ}\text{C}$) and kept closed and dry. Stir vigorously prior to application.



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Warranty

Samson warrants that its products will perform as declared in its literature and this warranty extends only to the replacement of any of its products that may be proven to be defective.

Disclaimer

Samson Technologies retains the right to change any information in our literature, at any time, without prior notification.