

Technical Data Sheet



Silblock-AG Solvent-Based, Higher alkylated alkoxy siloxane & Fluorocarbons resin based product, suitable as a impregnating agent for masonry to have easy to Clean properties. It demonstrates deep penetration into a variety of absorbent mineral building materials.

Key Performance Properties

- ✓ Can be used as impregnating agent to reduce water & oil based stains from the surfaces, such as fresh concrete, plaster, calcium silicate bricks, terracotta and natural stones Penetrates porous surfaces.
- ✓ Provides water/Oil repellent, breathable coating.
- ✓ Application versatility: can be applied by spray, brush, roll or flow coating.

Technical Properties

Property	Typical Value
Specific Gravity	1.1 g/ml
Color	Clear to light yellow

*internal method based upon the specified norm

Application Advice

The solution can be applied directly to the dry, porous building material.

Adjacent surfaces such as doors, windows, and other non-absorbent surfaces should be masked before spraying to avoid contact with the impregnating solution. Typically the solution is spray applied generously and evenly, and a second coat should be applied while the first is still wet. Large surfaces are usually treated by flooding the surface with the diluted solution. That is, the surface is sprayed with the solution and the solution is allowed to run down the surface like a curtain, the solution can also be applied by dipping or brushing. The quantity of solution to be applied varies greatly depending on the surface porosity. Typical coverage varies between 0.1 and 1.0 liters per square meter of surface for the diluted solution. Preliminary evaluation should be conducted to determine the coverage requirements.



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Stain Resistivity

Scale from 0 (no stain noticeable after cleaning process) to 4 (very strong staining noticeable after cleaning process)

	Untreated	Silblock-AG
Engine oil	4	1-2
Machine oil	4	1-2
Olive oil	4	1
Su Flower oil	4	0-1
Red wine	2	0
Coffee/Tea	2	0
ketchup	2	0

Storage Stability

Silblock-AG reacts with moisture, and therefore the diluted solutions should be stored in tightly sealed containers. Additionally, the solvent used for dilution should not be contaminated with water to maximize the storage life of the diluted solution.

Coverage

6.5 m²/litr/approx. depends upon substrate

Pack Size

Silblock-AG is available in 1 Ltr, 5 Ltr and 30 Ltr containers.

Shelf Life

03 months from date of manufacture when stored under warehouse conditions in original un-opened packing. Extreme temperature / humidity may reduce shelf life.

Health and Safety

Silblock-AG contains heavy solvents, containers should not be opened during transport. Do not reuse bags or containers and dispose them off as per local rules and regulations. Gloves and suitable masks should be worn during application. Please refer to the MSDS of the product for further health and safety information.



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