

Satex SW

Water based, hydrophobizing impregnation agent

Properties

Satex SW is water based impregnation agent, excellent water repellency, alkali stability, dries clearly, no emission of pollutants and environmentally correct product.

Area of applications

Satex SW is used for hydrophobizing treatment of porous, mineral building materials such as sand lime brick, natural stone, mineral renders, and light weight concrete.

Product Data

Base	alkyl alkoxy silane
Solvent	non
Consistency	liquid
Density	1.0 kg/l
pH value	neutral
Color	white
Application	spray and brush
Coat	one or two coat
UV-stability	very good
Resistance to weather	very good
Alkali resistance	good
Tendency to soil	very little
Cleaner	water when still fresh

Working instructions

Apply Satex SW undiluted with spray diffuser up to the saturation of the substrate. Smaller surfaces are treated by painting with a soft white wash brush or a flat bristle brush. For high absorbant surfaces two or even three application is required.

Substrate

The substrate must be in clean condition. Structural defects such as cracks, defective connections and the causes of rising damp must be corrected. It must be ensured that water and salts dissolved in the water cannot penetrate behind the hydrophobized zone since this can lead to frost damage, spalling and salt burst. A hydrophobizing treatment fixes the state of the substrate as it is at the time of impregnation. Before hydrophobic impregnation is carried out, the capillaries and pores of the building material to be treated.

Consumption

Application rate:	
Sand lime brick, smooth	: at least 0.5 l/m ²
Sand lime brick, cleft	: at least 0.7 l/m ²
Brick, fair faced masonry	: at least 0.8 l/m ²
Brick, coarse pored	: at least 1.5 l/m ²
Light weight concrete	: at least 1.0 l/m ²
Natural stone, fine-pored	: at least 0.8 l/m ²
Natural stone, coarse pored	: at least 1.5 l/m ²

The quantity of impregnation agent required for calculation and tender should be determined on a sufficiently large (1-2 m²) trial area. The effectiveness of the impregnation measures should also be tested on this surface.

Hydrophobizing impregnation measures can be primarily carried out at temperatures between +10°C and +25°C. Strong heating of the surfaces through sunlight can be avoided by using awnings. At temperatures below +10°C, evaporation of water (carrier agent) can be delayed. The full effectiveness of the impregnation develops 1 - 2 weeks after treatment, depending on weather conditions.

Delivery and storage

Satex SW is delivered in 5 l, 30 l pails. Can be stored cool but frost free at least 12 months.

Notes

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