

**PROTECT****sil+****BREATHABLE WATER REPELLENT SUITABLE FOR TERRACOTTA,
NATURAL STONE AND PLASTER COATINGS AND FACADES****Technical data sheet**

Description

SIL+ High penetration colourless water repellent impregnating agent based on silane and siloxane microemulsions specially formulated to provide excellent water-repellency without affecting surface breathability with no aesthetic alteration highly resistant to concrete surface alkalinity and UV rays.

Fields of application

Product ensuring water repellency of the following structures changing surface tension of porous surfaces treated: terracotta or natural stone tiles, plaster coatings, concrete structures, facing bricks, natural or artificial stones, protecting them against atmospheric agents.

Laying instructions

SIL+ Ready to use product to be directly applied by brush or roller.

For large surfaces, it should be applied with low pressure spray pumps so as to obtain uniform impregnation. Apply two or three coats of product "wet on wet" depending on material absorption rate as soon as the previous coat is absorbed by the surface. Before application, it is necessary to fill cracks or other discontinuities. The surface should be free of impurities, such as dust, saline efflorescence, moulds, etc.

In the presence of smog deposits, it should be cleaned with hot water pressure washers and special detergents.

If there's any doubt about the absorption capacity of the surface to be treated, it is advisable to conduct a preliminary test. In case of excess material on little absorption surfaces, remove residual material with a damp sponge.

Consumption

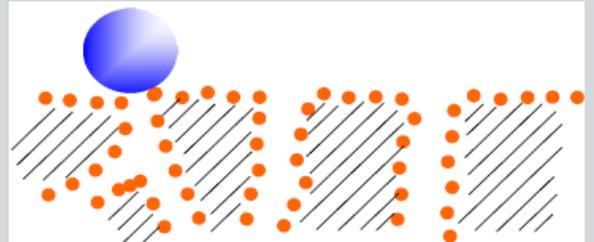
It may range from 0,10 to 0,35 lt/m² depending on the absorption rate of the surface to be treated

Performance

- ✓ High penetration capacity
- ✓ High DROP EFFECT
- ✓ Without affecting aesthetic effects or impregnated surface breathability

Surface treatedUntreated surface

SIL+ WATER REPELLENT IMPREGNATION ENSURES SURFACE BREATHABILITY WITHOUT ALTERATION

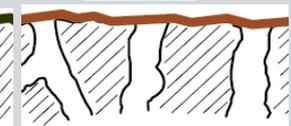


FILMING IMPREGNATION DOES NOT ENSURE:

BREATHABILITY AND TOTAL WATER REPELLENCY



CAUSING SURFACE ALTERATION



Problem



Solution

Treatment with SIL+ extends the useful life of plaster coatings, terracotta or natural stone tiles facilitating maintenance.





sil+

**BREATHABLE WATER REPELLENT SUITABLE FOR TERRACOTTA,
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Chemico-physical properties

Parameter	Value	Measurement unit	Tolerance
SPECIFIC WEIGHT	1,0	Kg/lt	± 0,05
pH (25°C)	8		± 0,5
APPEARANCE/COLOUR	Milky-white liquid		-

Warning

Do not apply at a temperature below + 5°C or higher than + 35°C and never apply in the presence of persistent fog or in case of imminent risk of rain which may wash it away. The parts which do not come into contact with the product, such as glass, aluminium, etc, should be protected with polyethylene sheets. Do not apply to plaster coatings or surfaces subjected to hydrostatic pressure, do not apply to dirty or non-cohesive surfaces, do not apply to surfaces with synthetic paints or coatings. Moisture content should not exceed 6%.

Packaging and storage

Products packed in 1,5, 10 and 18 kg buckets to be stored in sheltered areas at a temperature not below + 5 °C or not higher than + 35°C. **IT FEARS THE FROST.** It must be used within one year of the purchase date.

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