

**PROTECT**

# SilFluo

**WATER AND OIL REPELLENT WITH BREATHABLE AND STAIN RESISTANT PROPERTIES SUITABLE FOR FACADES AND FLOORS**

Technical data sheet

## Description

**SIL FLUO** is a colourless water and oil repellent impregnating agent based on a selected mixture of new generation silanes and fluorinated polymers providing excellent acid and alkali stability and resistance without altering chromatic appearance and surface breathability with excellent penetration capacity which not only protects the surface against water and oil, but also reduces its ability to get dirty with commonly used substances, making it suitable not only for façades, but also for heavy traffic floors.

**SIL FLUO** is a highly impregnating agent changing surface tension of treated supports providing high frost resistance and excellent protection against mosses, lichens and moulds, making them easily cleanable with high resistance to UV rays and atmospheric agents, making it suitable for floors and stone substrates requiring wide ranging protection.

## Fields of application

Suitable for water and oil repellent treatment of cement and concrete structures, lime plaster coatings, terrazzo floors, facing bricks, natural stone and stone substrates in general, tiles and terracotta or clay elements.

## Laying instructions

**SILFLUO.** 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.

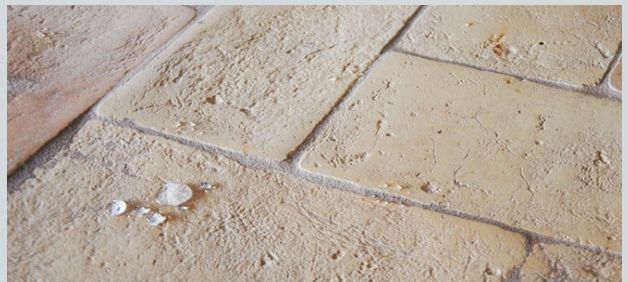
If there's any doubt about the absorption capacity of the surface to be treated, it is advisable to conduct a preliminary test.

## Consumption

It may range from 0,10 to 0,35 lt/m<sup>2</sup> depending on the absorption rate of the surface to be treated.

## Performance

- ✓ Water and oil repellent
- ✓ High penetration capacity
- ✓ Low dirt pickup
- ✓ Low VOC emission rates
- ✓ Antifreeze agent
- ✓ Antifouling agent



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WATER AND OIL REPELLENT WITH BREATHABLE AND STAIN  
RESISTANT PROPERTIES SUITABLE FOR FACADES AND FLOORS

## 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%.

## Chemico-physical properties

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

## 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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