

Technical Information Sheet Article No. 0617

Funcosil OFS

Oil, grease, water and soil repelling, environmentally correct, water based, protective impregnation

Range of use

Funcosil OFS can be used for treating mineral building materials in floor and wall areas, indoors and outdoors as well as kitchen work-tops made of natural stone to clearly reduce their tendency to soil (oil, grease, traffic dirt, etc.).

Please observe: The suitability of this agent must be checked first on marble and other acid-sensitive types of stone with polished surfaces as well as on all types of fine stoneware. This is also advisable for surfaces that were treated earlier with other products.

Property profile

Funcosil OFS is a water based, environmentally correct impregnation agent that makes surfaces indoors and outdoors easier to maintain. After drying the surface repels oils, grease, dirt and water.

Substrate

Cleaning agent residue (e.g. surface-active agents) from previous cleaning may impair the oil repelling effect and must be thoroughly washed off for this reason. Chase out defective mortar joints and cracks and repair. Close expansion and connection joints. A prerequisite for an optimal impregna-

Characteristic data of the product

Characteristic data of the product in the packaged state:

Active ingredient base:	acrylic copolymer that contains fluorine
Carrier:	water
Density:	1.0 kg/l
Viscosity:	approx. 10 mPas
Appearance:	milky

Characteristic data of the product after application:

Water absorption	very little
Absorption of oil, grease and soil:	very little
Anti-adhesion effect:	strong
Weathering stability:	given
Long-term effect:	pronounced
Tack-free drying:	given

tion effect is the building material's ability to absorb the impregnation agent. This depends on the respective pore volume of the building material and its moisture content which is why the substrate must be dry.

Adjoining surfaces:

Surfaces that should not come in contact with the impregnation agent such as surfaces to be varnished as well as glass and plants must be covered with plastic sheets (polyethylene).

Directions

On floor areas, the impregnation agent is to be generously applied in a spray procedure. After the

impregnation agent has been absorbed, the procedure is repeated 1 – 2 times. Spraying pressure and nozzle diameter should be selected so that misting does not occur. As an alternative, work can also be carried out with a wide brush, roller, mop or sponge.

On wall areas, the impregnation agent is to be applied generously in a flow coating procedure under gravity. After the impregnation agent has been absorbed, the process is repeated several times. Work over the surfaces again with a brush. To avoid missing places, limited sections should be completely impregnated without interruption. Freshly impregnated surfaces should be protected from rain for at least 5 hours. Strong

wind and direct sunlight may accelerate evaporation of the carrier agent which negatively influences penetration depth.

Note:

Certain materials may appear to be darker after impregnation. We recommend setting up a trial area.

Working temperature:

An oil repelling impregnation can be carried out at temperatures between + 5 and + 25° C.

Cleaning and maintenance:

Pencil, felt and coloured pens, ball point pens, grease and oil stains can be easily removed from treated surfaces with clean water or commercially available cleaners (free of surface-active agents) or solvents (spirit/benzene). Chewing gum and other adhesive compounds do not easily stick to treated surfaces and are also easily removed with clean water or commercially available cleaners (free of surface-active agents). Treated surfaces are maintained with warm water to which approx. 1.5-2% Fucosil OFS has been added (one cup of Fucosil OFS to 10 litres of mop water).

Tools, cleaning

All low pressure conveyor and spraying equipment, liquid pumps as well as lambskin rollers, wide brushes, sponges and mops are suitable tools. The equipment should be dry and clean. Clean tools and equipment thoroughly with water after use and before longer interruptions.

Packaging, application rate, shelf-life

Packaging:

5 l and 30 l plastic canisters

Application rate:

limestone: approx. 0.4-0.6 l/m²
clinker: approx. 0.3-0.5 l/m²
natural stone: approx. 0.5-1.0 l/m²
granite: approx. 0.1-0.4 l/m²
terracotta: approx. 0.3-0.8 l/m²

The quantities of impregnation agent required for calculation and tendering should be determined on a sufficiently large trial area (1-2 m²). This surface can also be used for testing the effectiveness of the impregnation

Shelf-life:

At least 12 months in closed, original containers stored cool but frost-free

Safety, ecology, disposal

Further information on safety when transporting, storing and handling as well as disposal and ecology is found in the latest Safety Data Sheet.

The statements above are compiled from our field of production and according to the latest technological developments and application techniques.

Since application and working are beyond our control, no liability of the producer can be derived from the contents of this information sheet. Any statements made beyond the contents of this information must be confirmed in writing by the producer.

In all cases, our general conditions of sale are valid. With the publication of this Technical Information Sheet all previous editions are no longer valid.



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