



Funcosil OFS

Aqueous, hydrophobising and oil-repelling protective impregnation and easy-care treatment

Availability		
Quantity per pallet	84	24
Size / Quantity	5 l	30 l
Type of container	Plastic canister	Plastic canister
Container code	05	30
Art. no.		
0617	■	■

Application rate



Brick: approx. 0.2 - 0.5 l/m²
Sand-lime brick: approx. 0.2-0.6 l/m²
Natural stone: approx. 0.5 - 1.0 l/m²
Terracotta: approx. 0.3 - 0.8 l/m²
Concrete slabs: approx. 0.2 - 0.5 l/m²

Apply to a large enough trial surface (1-2 m²) to determine the precise amount of impregnation agent required. The effectiveness of the impregnation can be checked on a trial area after a sufficient waiting time has passed.

Range of use



- Makes surfaces easy to clean
- Natural stone kitchen worktops (low levels of soiling)
- Care product for surfaces impregnated with Funcosil OFS
- Mineral building materials
- Floors and walls

Property profile



- Repels oil, grease and dirt
- Repels water
- Enables water vapour diffusion
- Alkali-resistant
- Solvent-free

Characteristic data of the product

Carrier material	Water
Density (20 °C)	1
Active ingredient	Acrylic copolymer containing fluorine
Active ingredient content, % by mass	Approx. 10
pH value	Approx. 7.0 neutral
Appearance	Milky, liquid

The values stated represent typical characteristic data of the product and are not to be understood as binding product specifications.

Certificates

- [Assessment by Dr Weßling - protective impregnation test](#)

Possible system products

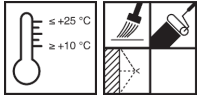
- [BFA* \(0673\)](#)
*Use biocidal products carefully.
Always read the label and product information before use.

Preparation

- **Substrate requirements**
The substrate must be clean, dust-free and dry.
- **Substrate preparation**
Any construction defects such as cracks, cracked joints, defective connections, rising damp and hygroscopic moisture must be remedied in advance.



Directions



■ Conditions for use

Temperature of the material, air and substrate: from min. +10 °C to max. +25 °C.

Apply the impregnation agent generously. Repeat the process while wet if necessary. Go over the surfaces again with a surface brush or a suitable clean cloth.

Cleaning and care - for maintenance cleaning on treated surfaces, use warm water plus approx. 1.5 - 2.0% product (one cup of product in 10 l of cleaning water).

Refresh treated surfaces using the material in undiluted form.

Notes

Deviations from applicable regulations must be agreed separately.

The relevant test certificates must be observed when planning and carrying out work.

Water must not be allowed to penetrate behind the hydrophobized zone.

Please note: in the case of marble and other types of stone that have polished surfaces and poor absorption capacity and are sensitive to acids, as well as fine stoneware of all kinds, the suitability must be tested in advance (uniform wetting, absorption capacity, changes in gloss etc.). This is also advisable on surfaces that have previously been treated with other products.

The level of absorption is crucial for the impregnation agent to work at its best. This depends on the respective pore volume and moisture content of the building material.

Carry out a quantitative analysis of aggressive salts if there are any salts present that could damage building materials.

High concentrations of harmful salts can cause major structural damage that impregnation cannot prevent.

Residue (e.g. surfactants, wax) from previous cleaning measures can have adverse effects on the treatment and must therefore be completely removed.

Tools / Cleaning



Non-corroding low-pressure conveying and spraying equipment, liquid pumps, brush, surface brush, lamb's wool roller, sponge, cloth and mop

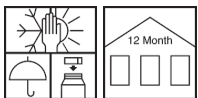
Tools must be clean and dry.

Clean tools with water after use and before any lengthy interruptions to work.

Remmers tools

- [Funcosil Prüfröhrchen \(4928\)](#)
- [Funcosil Test-Set \(4954\)](#)
- [Diagnosekoffer für Mauerwerkssanierung \(4953\)](#)
- [Gloria Drucksprüher Pro 100 \(4668\)](#)
- [Gloria CleanMaster PERFORMANCE PF 50 \(4666\)](#)
- [Gloria CleanMaster EXTREME EX 100 \(4665\)](#)
- [Flächenstreicher \(4540\)](#)
- [Rollerbügel \(4449\)](#)
- [Heizkörperpinsel \(4541\)](#)

Storage / Shelf life



If stored unopened in its original container in a cool, dry place and protected against frost, the product will keep for at least 12 months.

Use the contents of open containers as quickly as possible.

Safety data / Regulations

For further information on the safety aspects of transporting, storing and handling the product and on disposal and environmental matters, please see the current Safety Data Sheet.

Personal protective equipment

Respiratory protection with at least an A/P2 combination filter must be worn during spraying, together with safety goggles. Wear suitable protective gloves and clothing.

Disposal

Larger quantities of leftover product should be disposed of in the original containers in accordance with the applicable regulations. Completely empty, clean containers should be recycled. Do not dispose of together with household waste. Do not allow to enter the sewage system. Do not empty into drains.

Please note that the data and information given above have been calculated as guidelines in the laboratory and from real-life experience and are therefore not binding as a basic principle.

This information is therefore of a general nature only and describes our products and how they are used and worked with. In this respect, it must be borne in mind that the varied and diverse nature of the

prevailing working conditions, materials used and construction sites encountered means that not every individual case can be covered. In this respect, we therefore recommend either conducting tests or liaising with us in the event of any doubt. Unless we have provided express written assurance of the products' specific suitability or characteristics in respect of a contractually stipulated intended use, any technical application-related advice or instruction will never

be binding, even though it is provided to the best of our knowledge. In all other respects, our general terms and conditions of sale and delivery shall apply.

When a new version of this Technical Data Sheet is published, it shall replace the previous version.