



Funcosil AG

Oleophobic and hydrophobic protective impregnation

Availability		
Quantity per pallet	84	24
Size / Quantity	5 l	30 l
Type of container	Tin canister	Tin canister
Container code	05	30
Art. no.		
0655	■	■

Application rate



- Clinker: 0.1 - 0.3 l/m²
- Brick: 0.2 - 0.4 l/m²
- Sand-lime brick: 0.3 - 0.5 l/m²
- Concrete: 0.3 - 0.5 l/m²
- Granite: 0.1 - 0.2 l/m²
- Natural stone: 0.3 - 0.8 l/m²
- Terracotta: 0.8 - 1.0 l/m²

Apply to a large enough trial surface (1-2 m²) to determine the precise amount of impregnation agent required.

Range of use



- Makes surfaces easy to clean
- Reduces susceptibility to dirt and green discolouration
- Mineral building materials

Property profile



- Repels oil, grease and dirt
- Repels water
- Enables water vapour diffusion
- Alkali-resistant
- Anti-billposting effect
- Contains solvents

Characteristic data of the product

Carrier material	Dearomatized hydrocarbons
Density (20 °C)	0.8
Runout time s in DIN 2 cup	46
Active ingredient	Fluorine-containing acrylic copolymer
Flash point °C	> 61
Appearance	Colourless, liquid

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

Possible system products

- > **BFA* (0673)**
- > **Remmers Reinigungsprodukte**

*Use biocidal products carefully.
Always read the label and product information before use.

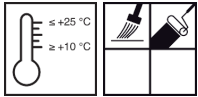
Preparation

- **Substrate requirements**
The substrate must be clean, dust-free and dry.
Residue (e.g. surfactants, wax) from previous cleaning measures can have adverse effects on the treatment and must therefore be completely removed.
- **Substrate preparation**
Any construction defects such as cracks, cracked joints, defective connections, rising damp and hygroscopic moisture must be remedied in advance.



Perform any necessary cleaning gently, e.g. by spraying with cold or warm water or by steam-cleaning; use rotec soft whirl jet technology or Remmers cleaning products (e.g. Traffic Film Remover (0671), Clean FP (0666), Clean AC (0672), Combi WR (0675)) on tough stains.

Directions



■ **Conditions for use**

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

Apply a generous amount of impregnating agent to the wall surfaces. Repeat the process wet-on-wet if necessary. Wipe the surface with a flat brush or a suitable clean cloth. Do not spray the product on. Using a flat brush, paintbrush or roller, generously apply two coats of Funcosil AG to the floor wet-on-wet. The material may foam slightly when applied by brush. To destroy foam bubbles on the surface and avoid an excess of active material, wipe the floor with a suitable clean cloth.

Cleaning – impurities such as lead pencil, coloured pencils and felt pens, ballpoint pens, grease and oil residue can usually be removed from treated surfaces using conventional cleaning agents (surfactant-free) or V 101 thinner.

Tips on use

Take appropriate measures to protect adjacent building elements and materials that should not come into contact with the product.

Protect freshly treated surfaces from driving rain, wind, sunlight and condensation.

Remove any excess impregnation agent within 1 hour using V 101 thinner.

Notes

Current regulations and legal requirements must be taken into account and deviations from these must be agreed separately.

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

Slip resistance may be impaired.

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

Not suitable for materials that are sensitive to solvents, such as polystyrene or bitumen.

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.

Tools / Cleaning



Paintbrush, flat brush, lamb's wool roller

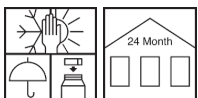
Tools must be clean and dry.

After use and before prolonged interruptions of work clean tools with Thinner V 101.

Remmers tools

- [Funcosil Prüfröhrchen \(4928\)](#)
- [Funcosil Test-Set \(4954\)](#)
- [Diagnosekoffer für Mauerwerkssanierung \(4953\)](#)
- [Flächenstreicher \(4540\)](#)

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 24 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

Breathing apparatus combination filter min. A /P2 and safety goggles required. 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.