



Funcosil AS

Hydrophobising impregnation based on siloxane/acrylate, with a colour-intensifying and slightly strengthening effect

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.		
0640	■	■

Application rate

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



Range of use



- Protection of facades against driving rain
- Reduces susceptibility to dirt and green discolouration
- Faded, porous, mineral building materials such as brick, clinker and concrete blocks

Property profile



- Colour intensifying
- Slight strengthening action
- Repels water
- Enables water vapour diffusion
- Good penetration capacity
- UV-resistant
- Alkali-resistant
- Excellent long-term effect

Possible system products

➤ **BFA* (0673)**

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

Preparation

■ Substrate requirements

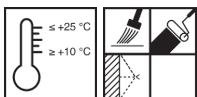
The substrate must be clean, dust-free and dry.

■ Substrate preparation

Any construction defects such as cracks, cracked joints, defective connections, rising damp and hygroscopic moisture must be remedied in advance.

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



Apply the primer abundantly by flow coating without pressure (avoid misting), so that a 30 - 50 cm long liquid film flows down the surface.

Apply on one section at a time, moving from top to bottom, and immediately go over with a large brush. Repeat the application several (at least two) times (wet on damp) until no further material is absorbed by the substrate.

On surfaces where spray application is not possible, apply using a well-saturated brush.

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.
 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.
 Testing effectiveness:
 The water absorption of mineral building materials can be determined using the Funcosil Test Tube developed by Professor Karsten (Funcosil Facade Testing Kit, article no. 4954).
 Testing can only be carried out at the earliest 6 weeks after application.
 A test of effectiveness needs to be carried out on carbonaceous natural stone.
 Always set up a trial area/trial areas first.

Tools / Cleaning

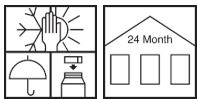


Tools must be clean and dry.
 After use and before prolonged interruptions of work clean tools with Thinner V 101.

Remmers tools

- > **Funcosil Prüfröhrchen (4928)**
- > **Funcosil Test-Set (4954)**
- > **Diagnosekoffer für Mauerwerkssanierung (4953)**
- > **Gloria CleanMaster PERFORMANCE PF 50 (4666)**
- > **Gloria CleanMaster EXTREME EX 100 (4665)**

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.

Personal protective equipment

Respiratory protection with a particle filter P2 must be worn during spraying, together with protective goggles.
 Wear suitable protective gloves and clothing.

Disposal

Dispose of contents/container in accordance with local/regional/national/international regulations.

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.