



## Graffiti Protection

Aqueous, semi-permanent impregnation agent on an alkylalkoxysilane/wax base for protection against graffiti



Availability		
Quantity per pallet	90	24
Packaging unit	5 l	30 l
Type of container	Plastic canister	Plastic canister
Container code	05	30
Art. no.		
0685	■	■

### Application rate



Clinker: 0.1 - 0.2 l/m<sup>2</sup>  
 Natural stone: 0.3 - 0.8 l/m<sup>2</sup>  
 Brick: 0.2 - 0.5 l/m<sup>2</sup>  
 Concrete: 0.2 - 0.3 l/m<sup>2</sup>

Apply to a large enough trial surface (1-2 m<sup>2</sup>) to determine the precise amount of impregnation agent required.

It is essential to test the influence on the appearance (e.g. due to colour intensification) and effectiveness (protective effect: how easily can graffiti be removed) of this product on this surface as well.

### Range of use



- Mineral building materials such as brick, natural stone, concrete, sand-lime brick
- The substrate must be capable of bearing a load and withstanding the water jet during hot water high-pressure cleaning (min. 80 °C on the surface of the building material).
- Not suitable for use on friable substrates, paint coatings or bonded thermal insulation systems
- Not for use on floors

### Property profile



- Repels water
- Reduces adhesion
- Enables water vapour diffusion
- Facilitates the removal of graffiti using hot water jets
- Solvent-free
- UV-resistant
- Alkali-resistant
- Approved by the German Federal Highway Research Institute (BAST)



**Characteristic data of the product**

Carrier material	Water
Density (20 °C)	1.00 g/cm <sup>3</sup>
Runout time s in DIN 4 cup	Approx. 11
Active ingredient	Silane/siloxane/wax
Active ingredient content, % by mass	Approx. 10
pH value	Approx. 8.5 neutral
Appearance	Milky/cloudy, liquid

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

**Certificates**

- [Surface protection - BAST \(German Federal Highway Research Institute\)](#)
- [Examination report 1](#)
- [Examination report 2](#)
- [Award certificate](#)

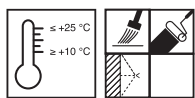
**Possible system products**

- [BFA\\* \(0673\)](#)
  - [\[reinigungsprodukte\\_0685\]](#)
- \*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 the rotec Soft Whirl Jet 25 l (5235) 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 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 a spraying application is not possible, apply by brush or roller making sure the tools are always well saturated.

**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.  
When working on water-repellent substrates, prior to the actual application, Graffiti Protection must first be applied by rubbing into the substrate. Special additives temporarily eliminate the hydrophobic effect.  
Remove graffiti by cleaning off with pressurised hot water. The water temperature on the



surface being cleaned must be at least 80 °C.  
 Remmers AGE is a suitable alternative/additional product for cleaning surfaces treated with Graffiti Protection.  
 After cleaning and drying, the surface can be impregnated again.

**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.  
 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**



Corrosion-resistant low-pressure, conveying and spraying equipment, liquid pumps, brush, surface brush and sheepskin roller

Tools must be clean and dry.  
 Clean tools with water after use and before any lengthy interruptions to work.

**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 6 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 a particle filter P2 must be worn during spraying, together with protective 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.