



Antihygro

Swelling inhibitor for natural stone with a clay/mineral structure

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.		
0616	■	■

Application rate



Shilf sandstone: 1.0 – 4.5 l/m²

Red sandstone: 0.3 – 2.5 l/m²

Tuff: 1.0 – 6.0 l/m²

Brick: 0.2 – 3.0 l/m²

Apply to a large enough trial area to determine the precise amount required.

Range of use



- Natural stone with a clayey, mineral structure
- Reduction in weathering processes induced by clay mineral

Property profile

- Reduction in amount of hygroscopic swelling
- Reduction in swelling speed
- Non-hydrophobising
- No increase in strength

Characteristic data of the product

Density (20 °C)	approx. 1.0 g/cm ³
Active ingredient content	0.2 mol/l
Odour	neutral
Colour	clear

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

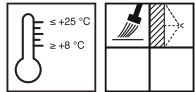
Preparation

- **Substrate requirements**
The substrate must be absorbent, clean, free of dust and dry.
- **Substrate preparation**



Any necessary cleaning measures should be performed as gently as possible, e.g. by spraying with cold or hot water or steam cleaning; stubborn dirt should preferably be cleaned using the rotec soft blasting method or Remmers cleaning products (e.g. Clean FP, Clean AC basic, Clean WR).

Directions



Conditions for use

Temperature of the material, air and substrate: from min. +8 °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 spray application is not possible, apply using a well-saturated brush.

Tips on use

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

Notes

Deviations from applicable regulations must be agreed separately.
 The relevant test certificates must be observed when planning and carrying out work.
 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.
 Residue (e.g. surfactants, wax) from previous cleaning measures can have adverse effects on the treatment and must therefore be completely removed.
 High alkalinity may reduce the effectiveness.

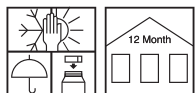
Tools / Cleaning



Non-corroding low-pressure, conveying and spraying equipment, liquid pumps, paintbrush and flat brush

Tools must be clean and dry.
 Clean tools with water after use and before any lengthy interruptions to work.
 Ensure that any residue from cleaning is disposed of correctly.

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 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.