



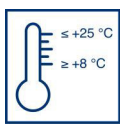
## Technical Data Sheet Art. No. 0616

# Antihygro

Water-based preservative for natural stone that contains clay binders to reduce hygroscopic swelling



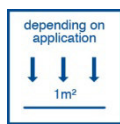
For use in-  
doors and  
outdoors



Working  
temperature



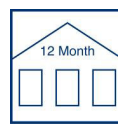
Brush / Dipping /  
Low pressure  
spraying



Application  
rate: depend-  
ing on use



Store frost-free  
and cool,  
protected from  
moisture / Close  
containers



Shelf-life

### Range of use

- Natural stone with mineral, clay structure
- Reduction of degrading processes induced by clay minerals

### Property profile

- Reduction of the degree of hygroscopic swelling
- Reduction of swelling velocity
- Without hydrophobic effect
- Does not increase the strength of the substrate

### Work preparation

#### Requirements of the substrate

The essential requirement for an optimal impregnation, is the absorption of the priming agent, which depends of the pore volume and the moisture content of the substrate.

The substrate to be treated must not be water-repelling.

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

Residue from cleaning agents (eg. surface-active substances, wax, etc.) must be thoroughly removed since these reduce the penetration depth and thus the efficacy of

### Characteristic data of the product

Density (20 °C)	ca. 1,0 g/cm <sup>3</sup>
Active ingredient content:	0,2 mole/l
Colour:	clear
Odour:	neutral

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

#### Remmers Antihygro.

High alkalinity may have a negative effect on the efficacy of the treatment with Remmers Antihygro.

#### Preparation

Necessary cleaning measures should be as gentle as possible, e.g. by spraying with cold or warm water or steam cleaning; stubborn soiling should preferably be removed with the rotec Low Pressure Blaster (5235) or Remmers cleaning products [e.g. Facade Cleaner Paste (0666), Clinker Cleaner AC (0672), Combi WR (0675)].

### Directions

#### Working conditions

Temperature of the air, substrate and building material: +8 °C - +25 °C

Applied the priming agent in a flow coating procedure under gravity (avoid atomisation) generously enough that a 30 - 50 cm film of liquid runs down the surface of the building material.

The nozzle should be led along the facade horizontally without interruption. Work over by brush. Repeat the process several times until no more absorption of the product can be detected.

Apply the impregnation agent with a lambskin roller/wide brush lengthwise and crosswise or spray on with airless spraying equipment.

Spraying pressure and the diameter of the nozzle should be selected so that misting does not occur. To avoid missing areas, limited sections should be completely treated without interruption.

Apply generously. If necessary repeat wet-on-wet.

Work over the surfaces with a brush or a clean, suitable cloth. Freshly treated surfaces should be protected from driving rain, wind, sun and condensation water.

#### Application rate

Reed sandstone:	1.0 - 4.5 l/m <sup>2</sup>
Coloured sandstone:	0.3 - 2.5 l/m <sup>2</sup>
Tuffs:	1.0 - 6.0 l/m <sup>2</sup>
Brick:	0.2 - 3.0 l/m <sup>2</sup>

The exact requirements can be determined on a sufficiently large trial area (1 - 2 m<sup>2</sup>).

#### Arbeitsgeräte / Reinigung

All non-corroding, low pressure conveyor and spraying equipment, liquid pumps, brushes.

Tools and equipment must be clean and dry.

After use and before prolonged pauses clean tools and equipment with water.

Dispose of the remains from cleaning properly

#### Packaging / Colours

##### Packaging

plastic canister 5 l, 30 l

##### Colours

clear

#### Storage / Shelf-life

At least 12 months in unopened, original containers stored dry, cool and protected from frost.

Use the contents of opened containers as soon as possible.

#### Safety, ecology, disposal

Further information on safety when transporting, storing and handling as well as disposal and ecology is found in the latest Safety Data Sheet.

The statements above are compiled from our field of production and according to the latest technological developments and application techniques.

Since application and working are beyond our control, no liability of the producer can be derived from the contents of this information sheet. Any statements made beyond the contents of this information must be confirmed in writing by the producer.

In all cases, our general conditions of sale are valid. With the publication of this Technical Information Sheet all previous editions are no longer valid.



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