

## Technical Information Sheet Article No. 0674

# Salt Inhibitor

Restoration preparation for encapsulating masonry salts

Low-alkali, colloid-disperse, silicic acid compounds

### Range of use

The main field of application is for the restoration of masonry work that contains damaging salts - chlorides, nitrates and sulphates. For sulphates also after pretreatment with Sulfatex Liquid. Do not use on fair-faced brickwork.

### Property profile

Water soluble impregnation agent used against destructive masonry salts, especially nitrates and chlorides. It penetrates into the surface of treated building materials and creates a water repelling zone that interrupts the transport of salts thereby reducing the damaging pressure caused by crystallisation – encapsulating the masonry salts! Vapour permeability is essentially maintained. Through the deposit of silica gel, additional strengthening is achieved on friable masonry work.

### Directions

Check for the causes of damp masonry work and remedy. For rising damp, inject with Kiesol, treat rain moisture in a system with Remmers hydrophobizing agents and for ground moisture, use e.g. Remmers Thick Coatings in the Kiesol system.

Remove coatings, render and grout at least 80 cm above the upper edge of the masonry salts or dampness.

### Characteristic data of the product

pH value:	approx. 11.5
Density:	1.1 g/cm <sup>3</sup>
Viscosity:	approx. 11.0 sec. (DIN 4) approx. 48.0 sec (DIN 2)
Colour:	red
Water absorption:	W ~ 0.2 kg/m <sup>2</sup>
Diffusion equivalent air layer thickness:	Sd ~ 0.05 m (characteristic value for approx. 5 mm penetration depth)

Brush off visible salt deposits and chase out defective mortar joints at least 2 cm deep. Replace strongly damaged stones. Pre-wet the substrate thoroughly, then wet-on-wet, brush or spray Remmers Salt Inhibitor onto the slightly damp substrate, dependent on absorbency diluted first, then undiluted to saturation.

After the Salt Inhibitor has been absorbed but before the substrate has dried off, close mortar joints with Remmers Undercoat Render and work the stones over. On areas above the ground, wet-on-wet, apply Remmers Sulfatex Grout in a strip at least 30 cm above the horizontal barrier or over the entire surface in cellars. Apply Remmers Preparatory Mortar to the final, still fresh grout. Keep damp and allow to harden (least 3 days), then apply Remmers Special Restoration Render to walls in living space and Remmers Universal Render antique white to cellar and plinth walls.

### Notes

Protect glasses, glass and ceramics from splashes. Use only on absorbent substrates and only in connection with subsequent grouting using preparatory mortar and/or render.

### Tools, cleaning

Broom, brush or K-surface sprayer with a wide spray nozzle. Clean tools while fresh with water.

### Packaging, application rate, shelf-life

**Packaging:**  
5 and 30 kg plastic containers

**Application rate:**  
0.4 - 0.6 kg/m<sup>2</sup>

**Shelf-life:**  
At least 2 years in closed, original containers stored cool but frost-free.

0674-TI-03.07

## Safety, ecology, disposal

Further information on safety when transporting, storing and handling as well as on 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.

0674-TI-03.07



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