



## Technical Data Sheet Art. No. 0674

# Salt Inhibitor

Restoration preparation for encapsulating masonry salts  
Low-alkali, colloid-disperse, silicic acid compounds



Water based



For use  
indoors and  
outdoors



Brush / low  
pressure  
spraying



Total  
application  
rate



Shelf-life



Store frost-free  
and cool,  
protected from  
moisture in  
closed containers



### 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 pre-treatment with Sulfatex Liquid. Do not use on fair-faced brickwork.

### Property profile

Remmers Salt Inhibitor is a water soluble impregnation agent that is used to treat destructive masonry salts, especially nitrates and chlorides. It penetrates into the surface of treated building materials, creating a water repelling zone that interrupts the transport of salts thereby reducing the damaging pressure caused by crystallisation – through encapsulation of the masonry salts!

Vapour permeability is essentially maintained. Through the deposit of silica gel, additional strengthening is achieved on friable masonry work.

### Characteristic data of the product

pH value:	approx. 11
Density:	1.1 g/cm <sup>3</sup>
Viscosity:	approx. 11.0 sec. (DIN 4) approx. 48.0 sec (DIN 2)
Colour:	reddish
Water absorption:	w-value: > 0,2 kg/(m <sup>2</sup> ·h <sup>0,5</sup> )
Diffusion equivalent air layer thickness:	sd ~ 0.05 m (calculation value for approx. 5 mm penetration depth)

### Directions

Check the masonry work for the causes of moisture. Treat rising damp by injecting with Kiesol. Treat moisture caused by rain with Remmers hydrophobizing agents and ground damp with one of the 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. Brush off visible salt deposits and chase out defective mortar joints at least 2 cm deep. Replace strongly damaged stones. Prewet the substrate, then wet-on-wet, brush or spray Salt Inhibitor onto the slightly damp substrate. Depending on absorbency, dilute

first, then apply undiluted to saturation.

After Salt Inhibitor has been absorbed but before the substrate has dried, close mortar joints with Undercoat Render and repair stones. In areas above ground, wet-on-wet, apply 2 coats of Sulfatex Grout (0430) at least 30 cm wide above the horizontal barrier; in basements over the entire surface. Apply Preparatory Mortar (0400) to the last layer of still fresh grout. Keep damp and allow to harden for at least 3 days. Then apply Restoration Render to walls in living spaces as well as basement and plinth walls.

## Notes

Protect glasses, glass and ceramics from splashes. Use only on absorbent substrates and only in connection with subsequent grouting and the use of Preparatory Mortar and/or render.

## Tools, cleaning

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

## Packaging, application rate, storage

### Packaging:

5 and 30 kg plastic containers

### Application rate:

0.4 - 0.6 kg/m<sup>2</sup>

### Shelf-life:

At least 12 month in closed, original containers stored cool but frost-free.

## 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.

**Personal protective equipment is required for spraying. Use respiratory equipment with a P2 particle filter (made by, e.g. Draeger). For suitable protective gloves, see Safety Data Sheet. Wear closed work clothes.**

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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