

## Impregnation of salt damaged masonry

### Description

Impregnation of masonry that inactivates salts. Due to its complexity ISOMAT ST-1 transforms water soluble salts (chlorides and sulphates) into insoluble.

### Fields of application

It is used for the restoration of salt damaged masonry, in combination with the renovation plaster MARMOCRET-SP. ISOMAT ST-1 transforms the water soluble salts into insoluble and in that way prevents the invasion of lightly soluble salts into the wet, not yet hydrophobic restoration plaster. Therefore, the restoration plaster, after drying, provides to the masonry the necessary protection from salts.

### Technical data

Form:	aqueous solution
Color:	colourless
pH:	1,0
Density:	1,20 kg/lit

### Directions for use

The substrate must be firm, free of dust, loose particles etc.

Remove contaminated and destroyed plaster at least 80 cm around the damaged areas.

Srape out the masonry joints at least 2 cm deep Sweep the surface with a steel broom thoroughly. The areas to be treated must be dry and clean.

Brush ISOMAT ST-1 on the exposed masonry once ortwice depending on the salt exposure and absorbing capacity of the masonry.

One treatment: ISOMAT ST-1: water = 1:1 by volume.

Two treatments: 1<sup>st</sup> treatment ISOMAT ST-1 : water = 1:2 by volume, 2<sup>nd</sup> treatment ISOMAT ST-1 : water = 1:1 by volume.

Between the treatments there has to be a waiting time of minimum two hours. Approx. 24 hours after the last treatment apply the renovation plaster MARMOCRET-SP, as described to the relevant Technical leaflet

### Consumption

Approx. 0,4-0,5 kg/m<sup>2</sup> for two treatments.

### Packaging

ISOMAT ST-1 is supplied in plastic containers of 1 kg, 5 kg, 20 kg.

### Shelf-life - Storage

18 months from production date if stored in original, unopened packaging, in temperature between +5°C and +35°C. Protect from direct sun exposure and frost.

### Remark

- Consult the safety advice and precautions written on the packaging.

### ISOMAT S.A.

BUILDING CHEMICALS AND MORTARS

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