



## Technical Information Sheet Article No. 0709

# Injection Cream

Highly effective ready-to-use cream emulsion on a silane/siloxane base for masonry injection against rising damp.

### Range of use

Hydrophobic impregnation of masonry against capillary rising damp using horizontal or angled borehole procedures, particularly for fair faced brickwork, slim masonry layers and cleaved masonry, in- and outdoors. The mortar layer turns into a horizontal isolation. In case of higher moisture content, the Remmers patented thermal convective drying method is to be used prior to the injection procedure. Alternatively a low-pressure injection is recommended.

### Characteristic data of the product in the packaged state

Active ingredient:	approx. 15% by mass
Density:	approx. 0.84 kg/l
Consistency:	creamy
pH value:	neutral
Flash point:	> + 100 °C.

### Property profile

Highly effective ready-to-use cream emulsion on a silane/siloxane base for masonry injection against rising damp.

#### ▪ Pure Cream Technology

Its unique formulation on a pure cream emulsion base enables superior penetration of the active ingredient within the building material.

#### ▪ Cream Consistency

The unique cream consistency allows horizontal application techniques without the injection agent running out. This combined with superior stability in the borehole ensures the optimal penetration of the active ingredient in all directions.

#### ▪ Effective and Safe Protection against Rising Damp

Highly effective formulation enables long lasting and deep penetration of the mortar layer creating a horizontal barrier against rising damp

#### ▪ Does not form salts

#### ▪ Universal Use

Injection Cream allows the effective treatment of alkaline and pH neutral as well as acidic building materials.

#### ▪ Solvent free (VOC free)

Injection Cream is free from VOC (volatile, organic compounds) classified solvents.

#### ▪ Environmentally-friendly

Injection Cream is ecologically safe and non-hazardous.

#### ▪ Straightforward Installation

Efficient installation by drilling the mortar joint and filling boreholes using a low pressure sprayer or a cartridge gun. No electric DPC pump required.

#### ▪ Controllable and Consistent Consumption Rates

The controlled installation technique ensures effective treatment and consistent consumption rates.

#### ▪ Proven Performance

Application in practice, independent research and test reports have proved its effectiveness. BBA Certificate No. 05/4202.



## Working

### Pressureless injection:

Drill 12 mm diameter holes horizontally into the mortar joint, in general into the joint intersections, at 120 mm centres and to a depth of 10-20 mm from opposite face. Remove bore dust from the hole and fill with Injection Cream using a low pressure sprayer or a cartridge gun.

### Low pressure injection:

In the low-pressure procedure, the injection cream is applied into the mortar joint, in general into the joint intersections, at 120 mm centres and to a depth of 10-20 mm from opposite face using drive-in, resp. screw packers (metal packers) at max. 5 bar for application in wall thicknesses up to 13½" and at max. 7 bar for application in wall thicknesses in excess of 13½". Recommended equipment is a low pressure sprayer with suitable manometer and flowmeter.

### Effect:

The capillary active building material causes the injection cream to break into a liquid phase. The silane/siloxane ingredient reacts with water and becomes a polysiloxane. During the reaction process, a silane vapour phase is produced that causes excellent penetration.

### Flanking measures:

Salt contaminated plasterwork should be renewed. Please ask for our recommended Remmers Restoration Render re-plastering specification.

### Tools/ Equipment, Cleaning

- Drilling equipment, e.g. helix drill, SDS Plus or SDS Max drill
- Injection equipment, e.g. Low pressure sprayer or cartridge gun

Clean tools and equipment while the material is fresh with water.

### Packaging, application rate, shelf-life

#### Packaging:

310 ml, 1 litre plastic cartridges, 5 l plastic bucket

#### Application rate (pressureless injection):

Wall thickness	4 1/2" 110mm	9" 220mm	13 1/2" 330mm	18" 440mm
Borehole depth	100mm	200mm	310mm	420mm
Borehole diameter	12mm	12mm	12mm	12mm
Application rate per 10 m wall length	0,9 ltr	1.9 ltr	2.9 ltr	3.9ltr

Application rates for porous, rubble or highly absorbent masonry may vary.

#### Shelf-life:

At least 1 year in closed, original containers, stored cool but frost-free at a temperature between +5°C and +25°C.

### Safety, ecology, disposal

Further information concerning safety during transport, storage and handling as well as for disposal 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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