Technical Information Sheet

Aida®
INJECTION CREAM

Article No. 0709

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

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.
- **Universal Use**
  Aida® Injection Cream allows the effective treatment of alkaline and pH neutral as well as acidic building materials.
- **Solvent free (VOC free)**
  Aida® Injection Cream is free from VOC (volatile, organic compounds) classified solvents.
- **Environment-friendly**
  Aida® 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
- **Does not form salts**

Characteristic data of the product in the packaged state:

Active ingredient content:	approx. 10% by mass
Density:	approx. 0.84 kg/l
Consistence:	cream
pH value:	neutral
Flash point:	> + 100°C

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.

Working directions:

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 Aida 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 Funcosil® 1L Restoration Render re-plastering specification.

Tools/Equipment, Cleaning:

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

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

Packaging, application rate and storing:

Packaging:
310 ml and 1litre plastic cartridges, 5 litre plastic bucket
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Application rate (pressureless injection):

Wall thickness	**4½" (110 mm)**	**9" (220 mm)**	**13½ " (330 mm)**	**18" (440 mm)**
Borehole depth	100 mm	200 mm	310 mm	420 mm
Borehole diameter	12 mm	12 mm	12 mm	12 mm
Application rate per 10 m wall length	0.9 litres	1.9 litres	2.9 litres	3.9 litres

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

Shelf-life:
At least 1 year in unopened, original containers stored cool but frost-free
Storing 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.

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