

DPC INJECT

DESCRIPTION OF PRODUCT

DPC INJECT is an aqueous silane based cream used for injecting into walls to prevent rising damp.

GENERAL PRODUCT INFORMATION

- Appearance: White to yellowish thixotropic cream
- Packaging: 1 and 5 litre plastic cans. Dispenser is supplied separately.
- Storage: As per best before date on batch label. Product can be used after this date, but confirm with supplier first. Product should be stored out of direct sunlight with temperature range between 5-35 degrees C.
- Specific Gravity: 0,9
- Flash point: 74 degrees C

AREAS OF USE

Suitable for injection into all types of masonry where the creation of a horizontal or vertical DPC is required.

PRODUCT FEATURES

- Ready to use product.
- No mess or wastage.
- Easy application even with unskilled labour.
- Easy to use dispenser supplied. No expensive equipment required for injection.
- Effective even when very high moisture levels are present in masonry.
- High penetration ability due to low molecular silane formulation.
- Permanent application.
- Contains no organic solvents and is non toxic and non flammable.
- Walls remain breathable and water vapour permeable.
- Optimal migration through mortar joints and mineral substrates.

APPLICATION INSTRUCTIONS

- **Step 1:** Where walls are plastered, this should be completely removed to expose the underlying brickwork. The plaster should be removed at least 300mm higher than the level of where the damp is showing to create a buffer zone. (Normally an average of 1m high).
- **Step 2:** The level needs to be determined as to where the holes will be drilled. This would normally be 1-2 brick courses above floor level. Where an existing plastic DPC is visible, the holes should be drilled one brick course above. The wall should be treated on the side where the damp is showing. The height of the floor level on the other side of the wall should always be checked to ensure that it is not higher than the area to be treated. If it is, then the injection to be done 1-2 to brick courses higher than the ground level.

- **Step 3:** The holes to be drilled into the mortar joints between the brickwork at a spacing of 10cm apart (usually every half a brick width). A 12mm masonry SDS masonry drill bit is most suitable. The holes should be drilled to a depth that it stops 3cm short of the back of the wall. The residue dust to be sucked out with a vacuum cleaner or blown out with an air compressor or hand pump.
- **Step 4:** The plastic tube to be inserted into the hole as far as it can go. The dispenser to be pumped whilst slowly pulling the pipe out to completely fill the hole with cream.
- **Step 5:** The hole can immediately be plugged using Aquagard latex modified repair mortar to prevent the PC Inject from leaking out and the product can start absorbing into the masonry.

COVERAGE

- Double skin brick wall (220mm) - 5m per litre
- Single skin brick wall (110mm) - 10m per litre

USEFUL APPLICATION TIPS

- Where DPC Inject is being used for treatment of rising damp, it should always be used in conjunction with Aquagard Dampblok and Plaster Plus products. Ask the Aquagard Consultant for an instruction manual on the full method for Rising Damp treatment.
- In instances where the plaster on walls needs to be removed, it can be done using a hammer and bolster, but a much easier method is to rent a small jack hammer from your nearest tool hire shop.
- Measure the width of the wall before starting to drill the injection holes. Some tape can be wrapped around the drill bit as a depth gauge.
- A vacuum cleaner nozzle can be held under the hole whilst drilling in order to catch the dust, especially when drilling inside. The remaining dust residue can also then be sucked out of the hole at the same time.
- It is recommended that a suitable masonry drill which takes an SDS drill bit is rented from your nearest hire shop to do the drilling. A normal 500-600w drill is not suitable and will possibly burn out or take too long to do the job.

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DISCLAIMER

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HEALTH AND SAFETY

Please read the product label, technical data sheet and material safety data sheet before use. Do not ingest internally. Avoid contact with eyes. If solution does come into contact with eyes, flush immediately with water and refer to Doctor for medical attention. Avoid prolonged contact with skin or breathing in of mist or fumes. Wear a suitable face mask. Keep out of reach of children. Take due care and precaution when applying the product especially if working at heights.



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