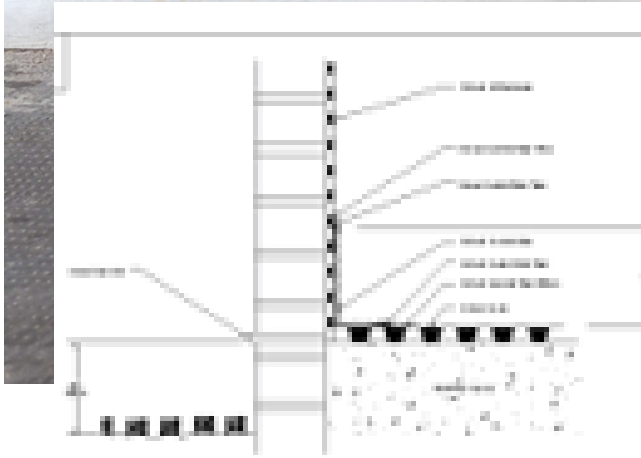




LIQUID
CHEMICAL
DPC

MICROSILAN

2023



NO.	DESCRIPTION	QTY	UNIT
1	SAFEGUARD MICROSILAN	10	LITERS
2	SAFEGUARD DPC INJECTION FLUID	5	LITERS
3	SAFEGUARD DRAINAGE PUMP	1	UNIT
4	SAFEGUARD DRAINAGE TANK	1	UNIT
5	SAFEGUARD DRAINAGE PUMP HOUSE	1	UNIT
6	SAFEGUARD DRAINAGE PUMP ELECTRICAL CONTROL BOX	1	UNIT
7	SAFEGUARD DRAINAGE PUMP ELECTRICAL CONTROL BOX	1	UNIT
8	SAFEGUARD DRAINAGE PUMP ELECTRICAL CONTROL BOX	1	UNIT
9	SAFEGUARD DRAINAGE PUMP ELECTRICAL CONTROL BOX	1	UNIT
10	SAFEGUARD DRAINAGE PUMP ELECTRICAL CONTROL BOX	1	UNIT

The Best Product

DPC Injection Fluid
High Performance
Make Your Home Comfortable

Microsilan

Product Description

Microsilan is a new, hybrid, silicone-based concentrate which when diluted and injected into the masonry forms a chemical damp-proof course. Microsilan utilizes novel water-based silane technology which results in a high performance, low-odour injection fluid.

Microsilan has a multi-component formulation which means that it develops initial water-repellency quickly, but also allows further diffusion to form a more evenly distributed damp-proof course. Further advantages include:

Benefits

- Long term stability once diluted
- Non-flammable
- Enhanced spread characteristics
- Faster injection times than conventional DPC fluids

Properties

Appearance: Clear Liquid

Size(s) & Packaging: 5 liter and 25 liter drums

Coverage

(Approximate)

For 115mm (4.5") walls, inject 1.3 liters of dilute material per meter run of wall.

For 228mm (9") walls, inject 2.6 liters of dilute material per meter run of wall. For thicker walls, multiply these figure accordingly

Storage

Store above 5 degrees C. Store out of direct sunlight.

Shelf Life: 12 months

[1] Coverage rates vary widely depending on the porosity of the substrate being treated.

[2] The penetration depth will vary depending on the nature of the substrate.

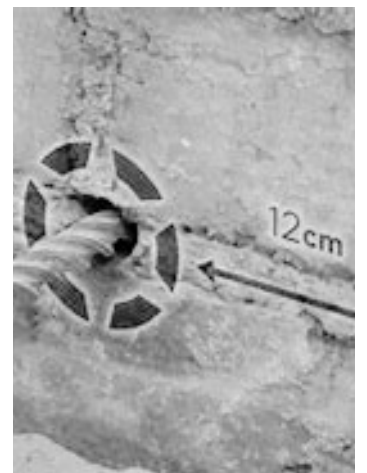


Application Information

Preparation

Remove carpets and furnishings from the area to be treated. Paths, patios and glass surfaces must be protected from spillage.

Remove timber skirtings and save for re-fixing where possible. Remove all plasterwork to a minimum height of 1meter or 300mm above the highest evidence of damage/salt contamination



Mixing

Dilute 4 liters (1 pack) of Microsilan with 21 liters of water to make 25 liters of ready-to-use fluid. Once diluted the product is stable and can be used when required.

Drilling

Choose a line for the insertion of the damp proof course not less than 150mm above the external ground level and as close to the internal floor level as possible. Holes should be 10-14mm in diameter, depending on the size of the injector nozzle, and spaced at no more than 170mm centers. Drill either directly into the mortar or down at an angle, through the brick, and terminating in a mortar bed. The precise drilling method should be determined after a trial assessment of a short run of wall. For advice on injecting substrates other than brick walls, Please consult the Safeguard guide, "Rising Damp and its Control".

Injection

Insert the nozzle into the wall and tighten up to seal. Pump the dilute Microsilan into the wall at a pressure between 10 and 80psi. Longer injection times at lower pressures are safer and potentially provide more even distribution. However, dense, impermeable substrates may require higher pressures. Injection times can be reduced by using a Rapiject DPC injection nozzle, available from Safeguard

Finishing

Plug the injection holes with sand/cement mortar or plastic plugs. Leave wall unplastered for as long as possible to speed up the drying process

Re-plastering

In order to complete the damp-proof course effectively, re-plastering must be carried out strictly in accordance with the Safeguard Re-plastering specification



Other information

Information given is in good faith based on experience and usage, however all recommendations are made without warranty or guarantee, since the conditions of use are beyond our control. All goods are sold in accordance with our Conditions of Sale, copies of which are available on request. Customers are advised that products, techniques and codes of practice are under constant review and changes occur without notice; please ensure you have the latest updated information



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