Microsilan DPC

Product Description

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

Benefits

- BBA Approved
- Concentrate for easy transport and storage
- Enhanced spread characteristics
- Water-based
- Faster Injection Times than Conventional DPC Fluids

Properties

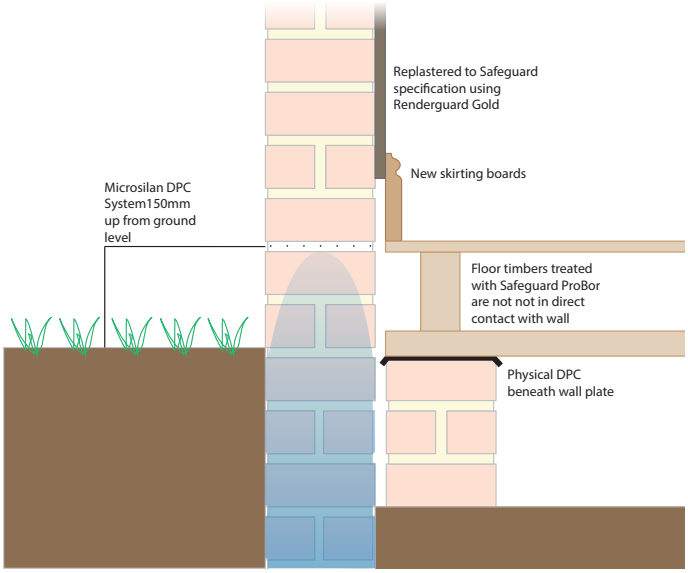
Appearance	Clear liquid
Size(s) & Packaging	4 litre jerry cans
Coverage	For 115 mm (4.5˝) thick walls, inject 1.3 litres per metre length of wall. For 228 mm (9˝) thick walls, inject 2.6 litres per metre length of wall. For thicker walls, multiply these figures up accordingly.
Storage	Store above 5 °C in a well ventilated area.
Shelf Life	12 months

Application Information

Preparation

Remove carpets and furnishings from the area to be treated. Paths, patios and glass surfaces must be protected from spillages. Remove timber skirting and save for re-fixing where possible. Remove all plasterwork to a minimum height of 1 metre or 500 mm above the highest evidence of damp/salt contamination.

Choose a line for the insertion of the damp proof course not less than 150 mm above the external ground level and as close to the internal floor level as possible. Holes should be 10 – 14 mm in diameter, depending on the size of the injector nozzles, and spaced at 120 mm to 150 mm intervals. Drill either directly into the mortar or down through the brick at an angle of 25° – 45°, 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.”



T: +44 (0) 1403 210204
F: +44 (0) 1403 217529
E: info@safeguardeurope.com

www.safeguardeurope.com

Application

Mixing

Dilute 4 litres (1 can) of **Microsilan DPC** with 21 litres of clean water to make 25 litres of ready for use fluid. Once diluted the product is stable and can be used when required.

Insert the injector nozzles into the wall and tighten to seal. Pump the diluted Microsilan into the wall at a pressure between 10 and 80 psi. Longer injection times at lower pressures are safer and potentially provide more even distribution of the product through the wall. However, dense, impermeable substrates may require higher pressures.

Any spillages onto patios, paths etc. should be removed immediately using water and detergent.

Finishing

Plug the injection holes with a sand/cement mortar or plastic plugs. Leave wall unplastered for as long as possible to speed up the drying out process. In the case of solid floors we recommend a Drybase SBR, bitumen or epoxy upstand at the base of the wall to a height of 200 – 300 mm; this should be taken out across the floor to at least 50 mm.

Replastering

In order to complete the damp-proof course effectively, re-rendering must be carried out strictly in accordance with the Safeguard re-rendering specification (see Dryzone® Renderguard Gold datasheet).

T: +44 (0) 1403 210204
F: +44 (0) 1403 217529
E: info@safeguardeurope.com

www.safeguardeurope.com