

Dampcheck® Plus

Product Description

Dampcheck® Plus is a hybrid, silicone-based DPC injection fluid which, when injected into masonry, forms a chemical damp-proof course. **Dampcheck® Plus** utilizes novel silane technology, which results in a high performance, low odour injection fluid.

Accreditation

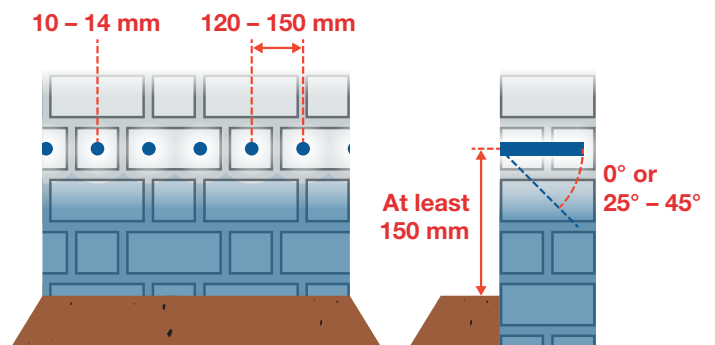


Benefits

- BBA approved
- Ready for use – no mixing required
- Non-flammable
- Enhanced spread characteristics
- Faster injection times than conventional DPC fluids

Properties

Appearance	Clear, odourless liquid
Size(s) & Packaging	25 litre drum
Coverage	For 115 mm (4.5") walls, inject 1.3 litres per metre run of wall
	For 230 mm (9") walls, inject 2.6 litres per metre run of wall
	For thicker walls, multiply these figures accordingly
Storage	Store above 5 °C. Store out of direct sunlight
Shelf Life	12 months



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 centres. 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”*.

Application

Injection

Insert the injector nozzles into the wall and tighten to seal. Pump the **Dampcheck® Plus** 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. Injection times can be reduced by using a Rapiject DPC injection nozzle, available from Safeguard. Any spillages onto patios, paths etc. should be removed immediately using water and detergent.

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.

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).

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