

# Dampcheck Plus

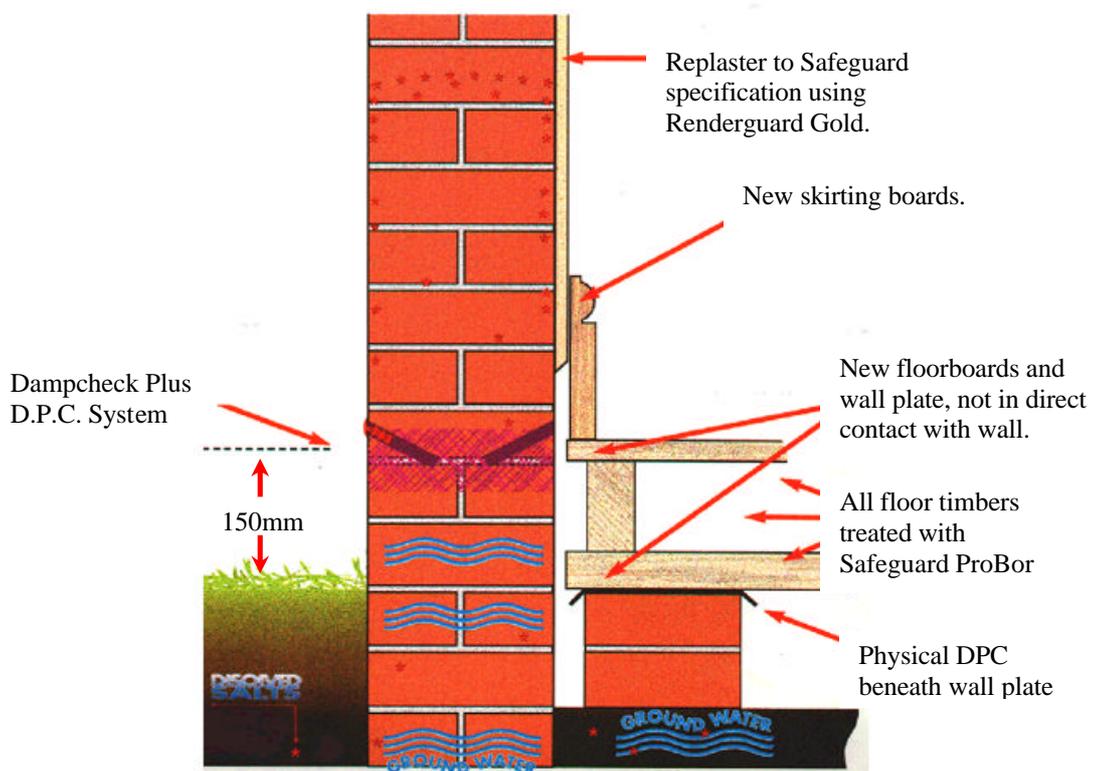
**High Performance DPC Injection Fluid.  
Supplied Ready for Use.**

## 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.

Dampcheck Plus 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.

- BBA Approved
- Ready for Use - No Mixing Required
- Non-Flammable
- Enhanced Spread Characteristics
- Faster Injection Times than Conventional DPC Fluids



## Preparatory Work

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 500mm above the highest evidence of damp/salt contamination.

## 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 nozzles, and spaced at 120mm to 150mm 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."

## 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 80psi. 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.

## 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 bitumen or epoxy upstand at the base of the wall to a height of 200-300mm; this should be taken out across the floor to at least 50mm.

## 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 Rendereguard Gold datasheet).

## Storage

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

## Coverage (approximate)

For 115mm (4.5") walls, inject 1.3 litres per metre run of wall.

For 228mm (9") walls, inject 2.6 litres per metre run of wall.

For thicker walls, multiply these figures up accordingly.

## Health and Safety

Read material safety data sheet, available on request.