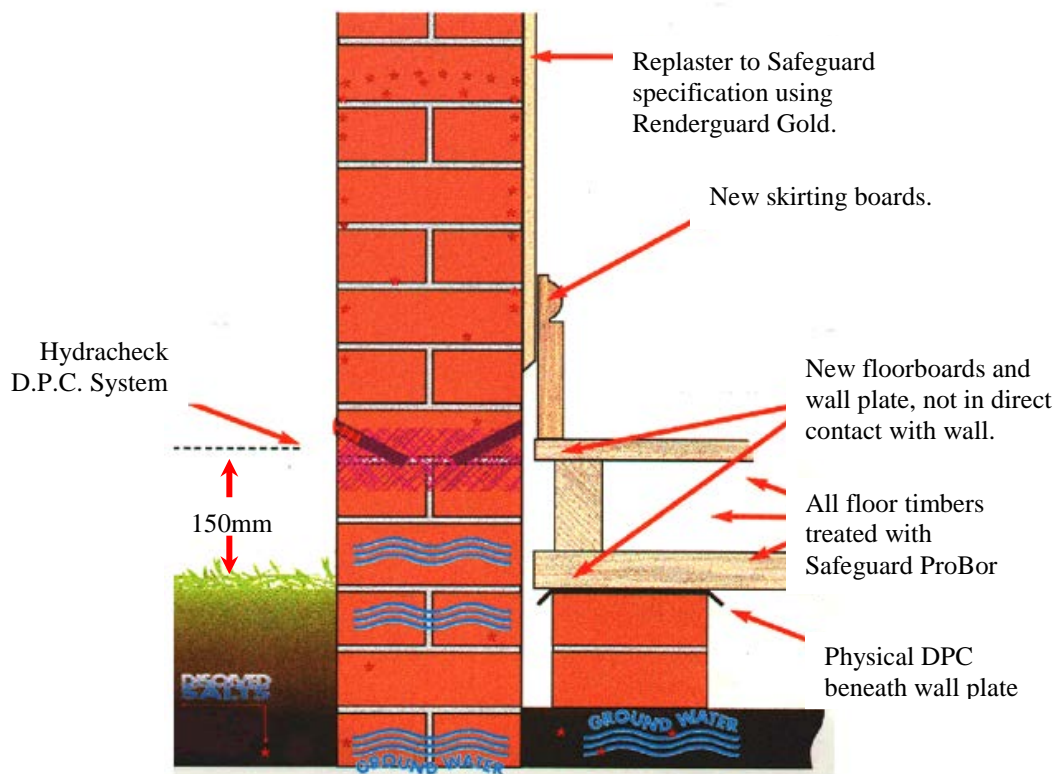


Hydracheck

DPC Injection Fluid Concentrate

Description

DPC injection fluid concentrate to be diluted with water & injected into masonry walls under low pressure to form a chemical damp proof course.



Preparatory Work

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

Mixing

3.6 litre concentrate pack to be diluted with 21.4 litres of water to give 25 litres of ready for use DPC injection fluid.

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 dilute Hydracheck 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.

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.

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 Renderguard Gold datasheet).

Storage

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

Coverage (approximate)

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

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

For thicker walls, multiply these figures up accordingly.

Health and Safety

Read material safety data sheet, available on request.