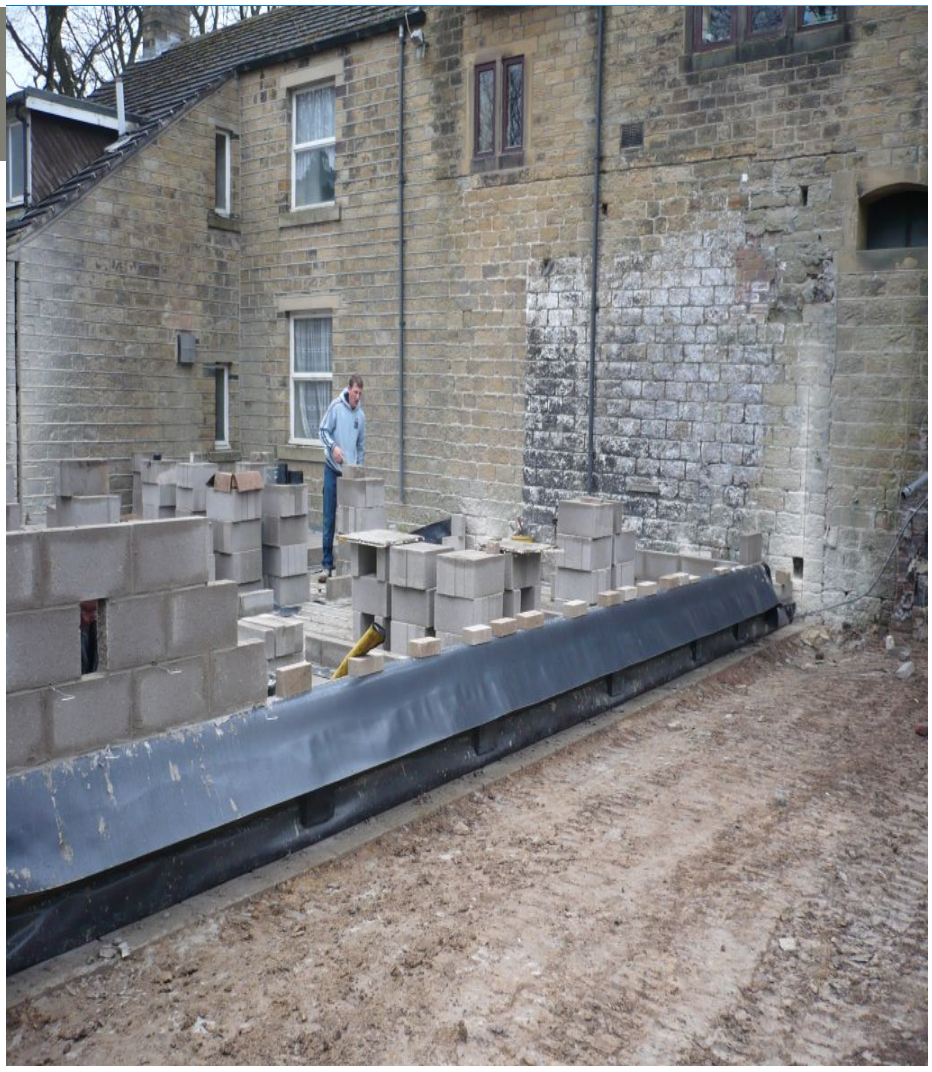
RESTEK

Richmond London

Injection Treatment For Damp Case Study

PROJECT DETAIS

Restek – UK Ltd was contacted by the owner of this Victorian mid-terrace house to provide a solution to the problem of dampness. The damp was affecting several walls within the original ground floor addition kitchen and rear extension dining room. The dampness was caused by a combination of capillary rising dampness in damp masonry in the base of the walls (this was due to a breakdown of the original slate damp proof course) and also a bridging of the damp proof course by the internal wall plaster. Also the original damp proof course had been installed in the wrong position in respect of the rear cavity wall extension.



METHODOLOGY

To deal with the capillary rising damp and damp course bridging problems, the old crystalized salt contaminated wall plaster had to be removed to expose the brickwork and allowed to dry out in preparation for new waterproof render (Thoroseal Pm) to be applied. The base of the original walls and rear cavity wall extension were drilled and then injected with a new generation damp proof coursing crystal-clear and transparent siliconate-modified 1-comp alkali silicate the becomes water repellent after curing at the new and correct levels. The walls were then re-plastered using Thoroseal Pm, incorporating a salt retardant and waterproofing additive and left finished with a 3mm skim coat plaster.

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installation of a chemical damp course

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RESULTS

The works were carried out immediately following the client's builder's stripping out phase. This installation was finished very quickly to allow sufficient time for the new wall plaster to dry out. Due to the short program for the project,
The new kitchen base units were installed and redecorating was carried out on schedule.

Benefit:

The client was pleased the works were carried out professionally and on time.

The client also benefited from a long-term meaningful 25-year insurance backed guarantee.