



Beautiful Basements Case Study

Basement Conversion with Structural Alterations - Sutton Coldfield

Clients
Structural Engineers
Waterproofing Designers

Mr. & Mrs. Reece
Stewart & Harris Ltd.
Beautiful Basements

Background

The conversion of an existing cellar together with structural alterations, created an additional 80m² of living space. Beautiful Basements was commissioned to convert the cellar into a practical living space consisting of home cinema, kitchen and study.

Construction Method

Located on a sloping site, there is existing ground level access via a large feature glazed door into the basement at rear of the property. To bring natural light into the front of the basement space, a light-well was dug out and window aperture formed. The floor was lowered to create additional headroom and walls underpinned for structural integrity. A Safeguard UK CDM system was selected to waterproof the basement throughout. New partition walls were installed and a new kitchen fitted. To complete the project the original feature rear access door and adjacent window were re-manufactured in hardwood.

Waterproofing Method

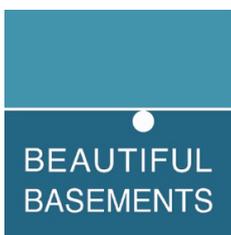
Type C – Cavity Drainage Membrane System

Internally all walls and floor were lined with a cavity drainage membrane and linked to an internal sump and dual pumping stations.

All waterproofing materials were supplied by Safeguard Europe

Build Programme

3 months



Basement Build
Conversion
Retro-fit
Waterproofing

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