



Beautiful Basements Case Study

Basement Conversion - West Langton, Leicestershire

Clients
Waterproofing Designers

Mr. & Mrs. Winterson
Beautiful Basements

Background

The basement in an 18th century hall was used as storage and a utility room. It was damp, often prone to flooding and very cramped for head room.

Aesthetic outcome was very important throughout the whole conversion, so everything was carefully considered with this in mind. The brick work was sand blasted to remove all paint, dirt and detritus that had built up over the life of the hall, to take the ceiling and central piers back to the original brickwork.

With the original head room of around 6', in its highest point, the floor was lowered and walls underpinned by around 4' to give a massive space, which instantly changed the feel of the basement.

Construction Method

A new structural floor was cast and a new entrance was created to the rear of the basement, with an external staircase built for access.

The basement was waterproofed using a cavity drainage membrane system, linked to a sump and two pumps, linked via underground drains. The basement was then dry lined, insulated, had an under floor heating system installed and full plastered.

Finished in very classical style the basement was completely transformed and now provides a great entertainment space for the whole family.

Waterproofing Method

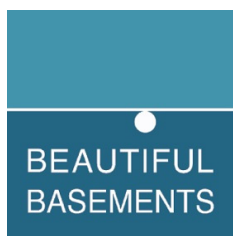
Type C – Cavity Drainage Membrane System

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

All waterproofing materials were supplied by Delta Membranes

Build Programme

4 months



**Basement Build
Conversion
Retro-fit
Waterproofing**

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