



# Beautiful Basements Case Study

## Basement Conversion - Melton Mowbray, Leicestershire

**Clients**  
**Waterproofing Designers**

**Mr. & Mrs. Wand**  
**Beautiful Basements**

### Background

Basement conversion in a former Royal Hunting Lodge in Melton Mowbray, Leicestershire. Converting the basement from empty space with no windows, doors, stairs or any access to an incredible space for entertaining. Including a kitchen & bar, a fully fitted out games room, cinema and bathroom.

The basement, in a former hunting lodge which was used extensively by King George VI and Edward VIII & Mrs Wallis Simpson, which had later become a school and then a dilapidated shell of a building, was converted into a light and open entertainment area.

Access to the basement was restricted to a small hole in the wall just 3' wide and 2' high, where once a light well would have been situated. A new external door was installed and two full height windows along with a new internal staircase leading from the main hallway in the house.

### Construction Method

With the aesthetic outcome of the project the highest priority through the project there were many challenges all the way. The areas of the ceiling and walls that were to be left open were sand blasted to take away the paint and all the built up layers covering the original brickwork.

All plumbing, electrics, gas and drainage had to be kept away from the walls and were run under the floor. The two full height light wells were dug along with the external stairwell and the new structural concrete floor cast. With a new concrete floor, the basement was waterproofed using a cavity drainage membrane system, linked to a sump with two pumps and a high water alarm. The insulating and dry lining layers were added, along with the removal of part of the ceiling to allow for a new internal staircase to be installed. Once plastered and all electrics and plumbing installed the decorations, bathroom and kitchen fitting could begin, leaving a stunning finish throughout the basement. The exterior was landscaped to ensure the exterior look of the listed property was maintained.

### Waterproofing Method

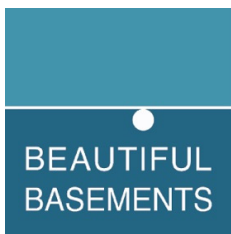
Type C – Cavity Drainage Membrane System

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

Waterproofing materials were supplied by Triton Systems

### Build Programme

6 months



**Basement Build  
Conversion  
Retro-fit  
Waterproofing**

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