

## Beautiful Basements Case Study Retrofit Basement - Southam, Warwickshire

**Clients** Mr. & Mrs. Tasker  
**Architect** Mr. Peter Brook  
**Structural Engineers** Mr. Bill Hancock

**Waterproofing Designers** Beautiful Basements

### Background

The clients own a detached property in a Warwickshire conservation area. They wanted to create an additional floor under their existing home for an office and additional storage space. Having already instructed an architect, Beautiful Basements was commissioned to excavate and build the basement which would be sited under the rear of the property with entry via a modified existing external staircase.

### Construction Method

Work began by excavating the whole basement area underneath the house which meant existing load bearing walls had to be propped and underpinned for added strength. A new concrete floor slab was laid and the internal walls formed. A new entrance, stairwell and side window were finally added to complete the basement before it was waterproofed using a Delta CDM system.

"We were both very impressed with the planning management and execution of the work. Your business is extremely professional and helped give us peace of mind and confidence that our house was in safe hands. Brilliant 'customer contact' thoughtfully minimising disruption for our neighbours and a friendly, hard working team. So different from our previous experience with builders!" Linda Tasker

### Waterproofing Method

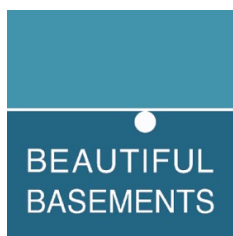
Type C – Cavity Drainage Membrane System

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 Safeguard Europe

### Build Programme

4 months



Basement Build  
Conversion  
Retro-fit  
Waterproofing

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