



Beautiful Basements Case Study

Sub-basement Waterproofing - The National Motorcycle Museum, Birmingham

Client National Motorcycle Museum
Waterproofing Designers Beautiful Basements

Background

Following a fire in 2003, the museum suffered repeated flooding in the sub basement levels. After two failed attempts to stop the leaks by local contractors, the project's structural engineers commissioned Beautiful Basements to find the route cause of the problem.

"Very good quality and value for money, professional operatives ensuring minimum disruption"

Construction Method

Consulting with concrete industry experts, Beautiful Basements installed a two layer Oldroyd cavity drainage membrane waterproofing system complete with sump and pump which successfully stemmed the flow of water. Conscious of the potential loss of future revenue for the conference centre resulting from further leaks, a failsafe battery operated pump was installed taking care of any possible failure from a power cut.

Waterproofing Method

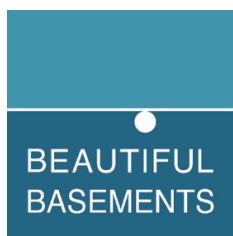
Type C – Cavity Drainage Membrane System

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

All waterproofing materials were supplied by Safeguard Europe

Build Programme

5 days



Basement Build
Conversion
Retro-fit
Waterproofing

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