



Beautiful Basements Case Study

New Build Basement - Edwalton, Nottinghamshire

Client Oakmere Homes
Architect Alan Heafford
Waterproofing Designers Beautiful Basements

Background

Basement build for a seven bedroom new build property. Beautiful Basements were commissioned to excavate the site, build and waterproof a 11m x 17m basement. The area was then split into sections consisting of a gym, wine store, home cinema, games room, music room and playroom. A further aspect to the project was the excavation and construction of a 3.8m x 11m walled terrace.

Construction Method

Reinforced concrete slab with the walls build using a concrete block sandwich with concrete infill and Delta CDM system. Special design features to the build were the terraced deck area and cantilevered chimney design.

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 Delta Membranes

Build Programme

4 months



Basement Build
Conversion
Retro-fit
Waterproofing

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