

Case Study

New Build Basement – Church Langton, Leicestershire

Client: Mr J Singh Minhas
Architect: Michael Collins
Structural Engineers: Beautiful Basements



Background:

Basement build for a new build mansion on the edge of Church Langton village. Beautiful Basements were commissioned to supervise excavation of the site including a 50m² sunken garden, then build and waterproof the 400m² basement. Once constructed, the basement was split into several rooms including a guest bedroom and ensuite, recreational space, plant room and lift shaft to reach the upper storeys. Internally waterproofed using a CDM system, the external walls were sprayed with a 4mm flexible waterproof membrane providing additional waterproofing integrity

Construction Method:

Insulated concrete formwork (ICF) with [Oldroyd CDM system](#). The structural walls were externally waterproofed with [Köster Deuxan bitumen](#) which was spray applied

Build Programme:

Approx. 4 months