



Beautiful Basements Case Study Cesspit Waterproofing - Shrewsbury, Shrops

Clients
Waterproofing Designers

Mr. Lawrence & Mrs. Walters
Beautiful Basements

Background

18th Century Church in a rural setting 5 miles outside Shrewsbury, Shropshire had a cesspit build to accommodate inhabitants under new government guidelines. Built from blocks with a concrete base and render finish it had no waterproofing at all.

Mr Lawrence said of the project "It was very good to find a company that could provide a solution to our problem. Several others told us it could not be done, you proved them all wrong!"

Construction Method

After the initial build it began to leak and several attempts were made to waterproof the pit, unsuccessfully. Water was coming it at such a rate it would have filled the pit three times as fast as designed, meaning much more frequent, and very costly emptying. Beautiful Basements were called in to try and solve the problem. The substrate was extensively cleaned and taken back to the original render, any defects in render or concrete on the floor were repaired and all surfaces in the pit were primed and waterproofed using a range of Köster Aquatecnic's cementitious range of slurries.

Waterproofing Method

Type A – Internal Barrier Protection

Two coats of cementitious slurry with SBR additives.

All waterproofing materials were supplied by Köster Aquatecnic

Build Programme

5 days



Basement Build
Conversion
Retro-fit
Waterproofing

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