



PROTECTAHOME LTD WATERPROOFING SOLUTIONS

Targeting problems with the best solutions

Established 1980

Case Study 002N:

BASEMENT WATERPROOFING - ST MARY STREET, MONMOUTH

THE PROBLEM

An existing vaulted Damp Cellar under a Listed Building in the Historic town of Monmouth. The Cellar had a known history of ground water flooding and had rudimentary drainage channels already built into the original flagstone floors.

The property owner wanted to utilise this Damp Cellar for habitable accommodation, lending its use as a Music Room, Media Room or even a Home Office.

THE SOLUTION

Protectahome designed and installed a Waterproofing System that included Basedrain Perimeter Drainage Channel connected to multiple Sump Chambers. In each Sump Chamber there are two Newton NP150 Automatic Sump Pumps with High Water Alarms and Battery Back Ups.

Newton Membranes 508 Cavity Drain Membrane was applied to walls and floors. Newton Membranes 508 Mesh Membrane (with a mesh welded to the surface) was fixed over the vaulted ceilings ready to accept the application of render coats.

Our ingenious design included the use of combined wall finishes enabling services to be hidden behind metal framed stud walls. These walls were constructed at low level, between the floor and the springing points of the vaults.

A very high standard of finish was achieved within a relatively short program of work. Our client remained in occupation of the building throughout the work, which was completed on time and within budget.

Protectahome overcame a number of difficult problems on site and have transformed this previously Damp Cellar into a fantastic useable space for the owner who is delighted with the end result. The installation also benefits from the provision of a Protectahome long term Guarantee.



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