

BASEMENT WATERPROOFING CASE STUDY Kenyon Forge, Birmingham

NEW BUILD WATERPROOFING, BIRMINGHAM

Waterproofing a new build basement using Newton System 500

History

This newly constructed development of 86 high grade apartments and 11 retail units/workshops was nearing completion but suffered from significant ground water ingress problems. A professionally designed remedial waterproofing solution was required if the units were ever to be successfully marketed.

The development is in Birmingham's Jewellery quarter which dates back to 1553. The area is renowned for the design and manufacture of fine jewellery and silverware.

Methodology

Newton Specialist Basement Contractor Protectahome were engaged to design and install a waterproofing system that would meet the site requirements and the contract program.

Protectahome installed Newton System 500 Cavity Drain Waterproofing, to include approximately 500 linear metres of Newton Basedrain, over 1,000 square metres of Newton Cavity Drain Membrane, 10 sump chambers, 20 automatic sump pumps and 10 automatic High Water Alarms. A floating floor was then installed.

Result

The units were handed over, ready for fit out, on time and budget. Protecathome's long term guarantee was applied and the design was covered by Protectahome's Professional Indemnity Insurance.

Advantages of Newton System 500

- Minimal surface preparation required
- System is fully maintainable, a requirement of BS8102
- Water ingress is managed and expelled from the property

Testimonial

"Protectahome chose a Newton Waterproofing System for use on this major project in Birmingham's Jewellery Quarter. The selection arose when Protectahome were asked to design and install a reliable remedial Waterproofing System. We wanted to use a dependable company who we could rely on to provide us with the best quality products for the job from an extensive stock, John Newton & Co were the perfect choice."

- Gary Briscoe, Managing Director, Protectahome

NSBC Contractor: Protectahome



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The property suffered from significant ground water ingress issues



Newton cavity drain membranes applied to the walls