

# Newton Waterproofing Systems



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## CPD Overview

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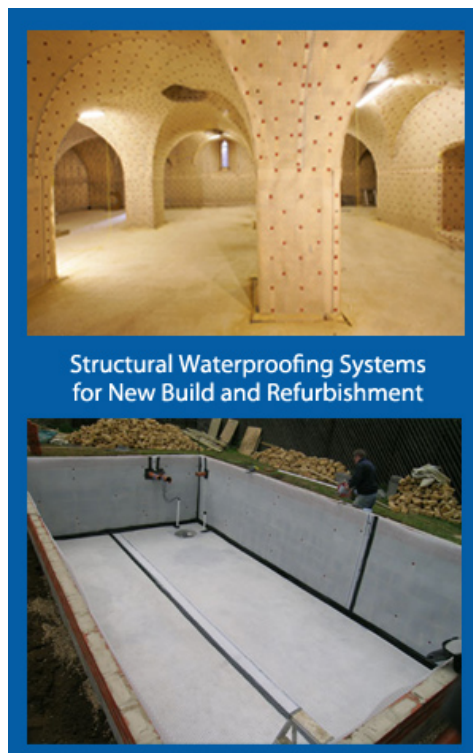
Newton Waterproofing Systems, established in 1848, is one of the UK's leading independent suppliers of structural waterproofing and damp proofing products.

Newton's extensive product range provides specifiers with a selection of BBA certified solutions for any waterproofing or damp proofing project, ranging from the smallest domestic scenarios, to high-end residential properties, commercial developments and extensive civil projects.

The Newton name is also synonymous with comprehensive technical design, superior materials, and expert installation by Newton's nationwide network of elite Specialist Basement Contractors (NSBCs). NSBCs adhere to strict membership criteria, and can also take full design liability and provide substantial insured guarantees to support their work.

The dedicated Newton Technical team pride themselves on the quality of their technical support, and can provide customers with expert advice throughout the design and installation process. Our range of specifier services include a library of technical drawings in CAD and PDF formats, a growing selection of BIM objects, in-house design and bespoke drawings, the free Newton Waterproofing App, and a selection of free RIBA-approved waterproofing CPDs.

Newton also hold ISO accreditation for the following: ISO 9001, ISO 14001 and OHSAS 18001 (Certificate Number 12252).



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## Available CPD Material (4)

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### Structural Waterproofing Design Strategies to BS 8102: 2009

The aim of this article is to provide you with a technical insight into the modern world of structural waterproofing in the UK. This includes the types of systems that are used to protect below-ground structures from water from the ground, all of which are driven by the code of practice for the waterproofing industry, British Standard 8102:2009.

Material type: Article  
RIBA Core Curriculum: [Design, construction and technology](#)  
Knowledge level: Microlearning

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### Structural Waterproofing Design Strategies to BS 8102: 2009

This seminar focuses on the different forms of structural waterproofing systems on the market and how to waterproof to achieve the environment grade required within BS8102:2009.

A focus on new build (concrete) structures and how combination waterproofing systems are specified for below ground environments

Specific section detailed discussion on how different waterproofing designs interface with below ground structures

Material type: Seminar  
RIBA Core Curriculum: [Design, construction and technology](#)  
[Legal, regulatory and statutory compliance](#)  
[Sustainable architecture](#)  
Knowledge level: General Awareness

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### A Designers Guide to Internal Basement Waterproofing in Accordance with BS 8102: 2009

This CPD provides an overview of design requirements in accordance with current legislation, British Standards and NHBC standards in relation to waterproofing in the UK. It will help you to understand the following topics:

- The three types of waterproofing systems and how to define the environmental grades of waterproofing
- The evolution and development of cavity drain membrane systems and base drain perimeter drainage within the UK waterproofing industry
- The importance of designing maintainable systems in line with British Standards and insurance company requirements
- Type C systems and the importance of managing water ingress with passive or mechanical systems
- The sustainability and recycling issues
- The importance of using a waterproofing design specialist and specialist contractors

Material type: Seminar  
RIBA Core Curriculum: [Design, construction and technology](#)  
[Legal, regulatory and statutory compliance](#)  
[Sustainable architecture](#)  
Knowledge level: General Awareness

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## Factory Tour – Structural Waterproofing Products and Systems

The purpose of this factory tour and presentation is to educate the specifier on their design obligations within the UK structural waterproofing industry in accordance with British Standard BS8102:2009. On the tour you will see how cavity drain membranes are prepared and dispatched using recycled packing materials and how the component parts are assembled. The CPD presentation will help you to understand the following topics:

- The importance of British Standard BS8102:2009 and how to design a waterproofing system
- The types of systems available to protect structures internally and externally
- The different grades and standards of waterproofing in the UK
- Why basements fail and how to remedy problems
- The importance of using an approved contractor to carry out structural waterproofing

Material type:	Factory Visit
RIBA Core Curriculum:	<b>Design, construction and technology</b>
Knowledge level:	General Awareness

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### Classifications

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#### Subject/Product Areas (CI/SfB)

##### Substructure

Floor beds, ground floors, basements > Proofing services

##### Structure

External walls > Damp-proof course membranes, cavity trays, flashings

##### Services

Drainage > Drainage and sewage pumps

##### General products

Flexible proofing/separating sheet membranes > Foils, building papers, sheet dp membranes

##### Engineering

Disposal systems > Below ground drainage systems

#### RIBA Core Curriculum areas

##### Design, construction and technology

Knowledge level: *Microlearning*

##### Legal, regulatory and statutory compliance

Knowledge level: *General Awareness*

##### Sustainable architecture

Knowledge level: *General Awareness*