Newton Waterproofing Systems

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CPD Overview

Available CPD Material (5)

Principles of 'Type A' Barrier Waterproofing to the New British Standard 8102:2022

Type A waterproofing is defined by British Standard 8102:2022 as “barrier protection” which is applied to either the internal or external surface of a structure in order to resist the pressure of water trying to enter the building. This CPD therefore presents and considers the most relevant points to consider in specifying and installing Type A waterproofing. This includes: A review of the principles of the British Standard and what has changed in the new BS 8102:2022 version regarding Type A waterproofing; Principles of Type A membranes, from historic issues & failures to contemporary designs for Type A solutions; an introduction to both post-applied and pre-applied external membranes; internal Type A membranes; and the importance of good detailing and specialist application.

Material type:	Online Learning, Seminar
RIBA Core Curriculum:	Design, construction and technology Legal, regulatory and statutory compliance
Knowledge level:	General Awareness

Achieving Continuity in Concrete Waterproofing to the New British Standard 8102:2022

The seminar provides an overview of ‘Type B’ waterproofing, the predominant form of water resistance where the structure itself is constructed to be integrally waterproof.

This includes:

What guidance and requirements are offered by BS 8102:2022, the updated code of practice for the ‘Protection of Below Ground Structures Against Water Ingress’

How to ensure that your below-ground structure is watertight, using the predominant waterproofing products available in the UK.

Techniques for ensuring the continuity of Type B waterproofing.

This CPD can be delivered to you live and remotely.

Material type:	Online Learning, Seminar
RIBA Core Curriculum:	Design, construction and technology Legal, regulatory and statutory compliance
Knowledge level:	General Awareness

Multiple formats

A Designers' Guide to Type C (Drained) Waterproofing Protection to BS 8102:2022

Type C, cavity drain waterproofing systems are considered to be the most highly recommended, reliable and risk-free type of waterproofing where an internal environment must be 100% dry. Where it is accepted that water could enter a building, Type C systems work differently from Types A and B in that, instead of holding back water pressure, they depressurise and manage the water away from the structure. This CPD provides insights into how these systems have evolved and developed over the years, how the significant 2022 update to the British Standard for waterproofing has affected the design of Type C systems, and the importance of factors such as maintainability and sustainability.

Material type:	Online Learning, Seminar
RIBA Core Curriculum:	Design, construction and technology Legal, regulatory and statutory compliance
Knowledge level:	General Awareness

Multiple formats

Waterproofing Design Strategies to the New British Standard 8102:2022

This CPD provides an overview of the modern methods that are available for protecting below ground structures from water, including: an explanation of the updates that have been made as part of the new 2022 version of the British Standard for waterproofing, BS 8102; the different forms of structural waterproofing systems in the market and how to achieve the environmental grades outlined within British Standard 8102:2022; and a focus on how combination waterproofing systems are specified in below-ground structures in order to achieve the desired environment.

Material type:	Online Learning, Seminar
RIBA Core Curriculum:	Design, construction and technology Legal, regulatory and statutory compliance
Knowledge level:	General Awareness

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:	Design, construction and technology
Knowledge level:	General Awareness

Classifications

Subject/Product Areas (CI/SfB)

Substructure
Floor beds, ground floors, basements > Proofing services

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

Finishes
Wall finishes: external > External wall coatings
Floor finishes: jointless > Resin-based flooring
Roof finishes > Roof finish underlays and insulation

Services
Drainage > Drainage and sewage pumps

General products
Flexible proofing/separating sheet membranes > Foils, building papers, sheet dp membranes
Plaster, render > Plasters and renderings
Paints, varnishes, protective treatments etc. > Special paints, coatings, films

Engineering
Disposal systems > Below ground drainage systems

RIBA Core Curriculum areas

Design, construction and technology
Knowledge level: *General Awareness*

Legal, regulatory and statutory compliance
Knowledge level: *General Awareness*