

Koster Aquatecnic Ltd



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CPD Overview



Available CPD Material (5)



Multiple formats

Basement and Below Ground Waterproofing in accordance with BS8102 2022

This CPD covers the British Standards "BS 8102 2022 - Code of practice for protection of below ground structures against water ingress". It will discuss all the aspects of below ground waterproofing required to ensure a successful design and installation. Topics covered include Design responsibility, the types of waterproofing materials available, the grades that the structure must conform to, remedial measures in the context of a failure, and Health and Safety requirements. The presentation will also include a case study. By the end of the CPD you should have a greater understanding of:

1. The British Standard 8102 2022 and other industry related guidance.
2. How and when to appoint a Certified Waterproofing designer and the role they play throughout the project.
3. How to select the correct waterproofing system given the proposed design.
4. The forces imposed on the structure.
5. Why we rely on approved and experienced installers to carry out these works and the health and safety implications.

Material type: Online Learning, Seminar
RIBA Core Curriculum: **Design, construction and technology**
Knowledge level: General Awareness



Moisture Mitigation: Controlling Water Vapour in Concrete Floors

This CPD looks at moisture mitigation for concrete floors prior to receiving non-breathable flooring finishes, such as resin or vinyl. The use of an appropriate vapour control layer can prevent flooring failures caused by high levels of moisture and alkalinity forming at the top surface of the concrete. The CPD covers the causes of moisture related problems in floors, in both new construction, and refurbishment scenarios, and looks at the floor build-ups that can be used over a moisture mitigation system, including high performance self-levelling screeds. This CPD will help you to understand the following topics:

- The different causes of moisture in concrete floors
- How water vapour can damage various floor finishes
- How water vapour problems can be eliminated
- The importance of concrete testing and analysis
- Surface preparation and application
- Floor build-ups, screeds and floor finishes available

Material type: Seminar
RIBA Core Curriculum: Design, construction and technology
Knowledge level: General Awareness



Single-ply Polyolefin Roofing Membranes

This seminar looks at single-ply roofing membranes in general and polyethylene based TPO membranes in detail. Subjects covered include an overview of the different types of single-ply roofing membrane available, their chemistry and impact on the environment. Roofing build-ups, application techniques and wind uplift calculations. We also examine the importance of using approved applicators and look at the various guarantee options available. This seminar will help you to understand the following topics:

- The different types of single-ply membrane available
- What a TPO membrane is made of and the implications for the environment
- Different roofing build-ups and application techniques
- Wind load calculations
- The importance of approved installers and how the client can be protected through inspection and enhanced guarantees

Material type: Seminar
RIBA Core Curriculum: Design, construction and technology
Knowledge level: General Awareness



Wetroom and Level Access Shower Areas: Successful Design, Construction and Waterproofing

This seminar provides an overview of the design and construction of wetrooms and level access shower areas. It will help you to understand the following topics:

- The various shower area options available
- How to plan the wetroom layout
- Wet floor build-ups, options available and their suitability
- The waterproofing of wetrooms and shower areas

Material type: Seminar
RIBA Core Curriculum: **Design, construction and technology**
Knowledge level: General Awareness



Chemical Barriers Against Rising Damp in Masonry

Understanding the principles of horizontal barriers

- Understanding of how to apply a pressure injection system
- How rising damp damages masonry
- Understanding the effects of rising moisture and salt efflorescence in masonry
- Injection materials in highly saturated walls
- Three ways in which injection material can combat rising damp

Material type: Seminar
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

Floor beds, ground floors, basements > Tanking, guniting, grouts

Finishes

Floor finishes: flexible sheets, including rubber, plastics > Special sheet flooring

Roof finishes > Roofing membranes

Services

Drainage > Channels, gullies and gratings

Space heating > Wall, underfloor and ceiling heating

Fittings

Sanitary and bathroom fittings > Shower cabinets, trays, screens

General products

Plaster, render > Plasters and renderings

Adhesives, sealants, gaskets > Joint sealants and fillers

RIBA Core Curriculum areas

Design, construction and technology

Knowledge level: *General Awareness*