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## CPD Overview

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With over 100 years experience and over 60,000 employees in more than 50 countries, CEMEX is one of the world's leading suppliers of building materials.

In the UK, it is a leading supplier of ready-mixed concrete, mortar, screed, aggregates, asphalt and cement. It has a significant share of the roof tile and concrete block markets, and is the leading supplier of concrete sleepers to the rail industry. It also offers surfacing solutions.



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## Available CPD Material (7)

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### Specifying Foamed Concrete

Foamed concretes are a versatile group of variable strength/density materials suitable for various applications. This CPD will enable specifiers to gain a broad understanding of foam concretes and their properties and use this information to effectively specify these materials in a wide variety of situations. It will help you to understand the following topics:

- Understand the composition and properties of foam concretes
- Understand technical properties and the relationship between strength and density
- Understand the history of use and suitable applications
- Understand effective specification of foam concrete through case studies

Material type: Seminar

RIBA Core Curriculum: **Design, construction and technology**

Knowledge level: General Awareness

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### Specifying Self Compacting Concrete (SCC)

This CPD provides an overview of Self Compacting Concrete and looks at situations suitable for the specification of SCC. It will help you to understand the following topics:

- Understand the origins of Self Compacting Concrete
- Understand the considerations in specifying SCC, reasons for using it and typical applications
- Understand material properties and how to differentiate between types of reinforcement suitable for SCC applications
- Understand testing procedures

Material type: Seminar

RIBA Core Curriculum: **Design, construction and technology**

Knowledge level: General Awareness

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### Successful Screeds Avoiding Problems

This seminar looks at the specification, design and application of different screed types together with the relevant site practice. Current and projected British and European Standards are also addressed.

Material type: Seminar

RIBA Core Curriculum: **Design, construction and technology**  
**Legal, regulatory and statutory compliance**

Knowledge level: General Awareness

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### Design and Technology of Masonry Mortars

This seminar considers requirements for specifying building mortars for brick, block and stone work and looks at the brief history of mortars, properties and constituents, and design and workmanship.

Material type: Seminar

RIBA Core Curriculum: **Design, construction and technology**

Knowledge level: General Awareness

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### Sustainable Drainage Systems: Pervious Pavements

This seminar looks at the design options when specifying sustainable drainage systems. It will help you to understand the following topics:

- Understand the types of sustainable drainage system available
- Understand relevant design guidance documentation and where to look for detailed and specific design guidance
- Understand available material and design options when specifying permeable systems
- Understand how to identify the relevant system that would suit the local drainage conditions
- Understand applications of permeable drainage systems

Material type: Seminar

RIBA Core Curriculum: **Design, construction and technology**  
**Sustainable architecture**

Knowledge level: General Awareness

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### Specifying Concrete for Waterproof Structures

This seminar provides an overview of the specification of waterproof concrete. It will help you to understand the following topics:

- Understand the relevant standards for waterproof concrete construction
- Understand and differentiate between different types of waterproof protection, covering waterproofing systems types A, B and C
- Understand waterproof concrete systems, waterproof concrete and its typical applications
- Understand basement grade construction and typical construction detail for basement design

Material type: Seminar

RIBA Core Curriculum: **Design, construction and technology**

Knowledge level: General Awareness

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### An Introduction to Concrete Block Permeable Paving (CBPP) for SUDS Hard Landscaping Projects

This 30 minute presentation aims to introduce Concrete Block Permeable Pavements (CBPP) and Sustainable Urban Drainage Systems (SUDS), explain why SUDS are increasingly being required, describe the systems available, how to select the correct option and design the sub-base, present sustainability credentials, show features and benefits of CBPP versus other options.

Material type: Seminar

RIBA Core Curriculum: **Design, construction and technology**  
**Legal, regulatory and statutory compliance**

Knowledge level: General Awareness

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## Classifications

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## Subject/Product Areas (CI/SfB)

### Structure

Floors, including beams > Floor beams - precast concrete  
Stairs > Concrete, stone stairs

### Finishes

Floor finishes: jointless > Cement-based flooring  
Finishes > Floor and roof screeds, aggregates  
Floor finishes: rigid tiles, slabs, mosaic > Tile and slab flooring  
Roof finishes > Overlap roof tiles  
Roof finishes > Roof trims and accessories

### External works

Landscaping, hard surfaces, pools > Road surfaces and accessories  
Landscaping, hard surfaces, pools > Paving  
Landscaping, hard surfaces, pools > Kerbs, edgings, tree grilles

### General products

Concrete > Ready-mixed concrete  
Concrete > Fibre reinforcement for concrete  
Blocks and bricks > Concrete blocks  
Aggregates > Aggregates  
Concrete > Cement  
Plaster, render > Plasters and renderings  
Mortars, limes > Mortars

**RIBA Core Curriculum areas**

**Design, construction and technology**

Knowledge level: *General Awareness*

**Legal, regulatory and statutory compliance**

Knowledge level: *General Awareness*

**Sustainable architecture**

Knowledge level: *General Awareness*