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CPD Overview

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.



Available CPD Material (9)



Asphalt - Focus on Sustainability

Specifying Sustainably aims to tackle the key issues facing specifiers who aim to accomplish their sustainability goal while continuing to specify safely and effectively. The presentation will cover the current conversation, the various initiatives from the industry that aim to tackle climate change, and the technologies available within asphalt materials that are designed specifically to aid these goals. By the end of the CPD you should have a greater understanding of:

- Specify more sustainable asphalt
- ? Identify relevant opportunities for using alternative materials to meet sustainability objectives
- ? To be confident discussing and comparing advantages/disadvantages of differing concrete components
- To be able to interrogate relevant standards for further detailed guidance
- Raise awareness of developing technologies

Material type: Seminar

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

Knowledge level: General Awareness



Concrete – Focus on Sustainability

This CPD tackles the key issues facing specifiers who aim to accomplish their sustainability goal while continuing to specify safely and effectively. The presentation will cover the current conversation, the various initiatives from the industry that aim to tackle climate change, and the technologies available within construction materials that are designed specifically to aid these goals. By the end of the CPD you should have a greater understanding of:

- Initiatives geared towards sustainability in specification
- Material technologies available to reduced embodied carbon
- Comparisons between available material options based on structural requirement
- Examples of construction projects completed with sustainable materials
- How to specify sustainable materials
- Relevant opportunities for using alternative materials to meet sustainability objectives
- Advantages/disadvantages of differing concrete components
- How to interrogate relevant standards for further detailed guidance

Material type: Seminar

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

Knowledge level: General Awareness



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:

- The composition and properties of foam concretes
- Technical properties and the relationship between strength and density
- The history of use and suitable applications
- Effective specification of foam concrete through case studies

Material type: Seminar

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

Knowledge level: General Awareness



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:

- The origins of Self Compacting Concrete
- The considerations in specifying SCC, reasons for using it and typical applications
- Material properties and how to differentiate between types of reinforcement suitable for SCC applications
- Testing procedures

Material type: Seminar

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

Knowledge level: General Awareness



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



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



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:

- The types of sustainable drainage system available
- Relevant design guidance documentation and where to look for detailed and specific design guidance
- Available material and design options when specifying permeable systems
- How to identify the relevant system that would suit the local drainage conditions
- Applications of permeable drainage systems

Material type: Seminar

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

Knowledge level: General Awareness



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:

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

Material type: Seminar

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

Knowledge level: General Awareness



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

Classifications

Subject/Product Areas (CI/SfB)

Structure

Stairs > Concrete, stone stairs

Floors, including beams > Floor beams - precast concrete

Finishes

Finishes > Floor and roof screeds, aggregates

Floor finishes: jointless > Cement-based flooring

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 > Cement

Concrete > Ready-mixed concrete

Concrete > Fibre reinforcement for concrete

Blocks and bricks > Concrete blocks

Aggregates > Aggregates

Plaster, render > Plasters and renderings

Mortars, limes > Mortars

RIBA Core Curriculum areas

Design, construction and technology

Knowledge level: *General Awareness*

Sustainable architecture

Knowledge level: *General Awareness*

Legal, regulatory and statutory compliance

Knowledge level: *General Awareness*