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### Available CPD Material (5)

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#### Internal Wet Area Damp Proofing

When choosing materials for rooms such as kitchens, bathrooms, or any other that may have any contact with water or may be affected by increased humidity, it is strongly recommended to consider damp proofing. Damp proofing protects wet zones of buildings against ingress of moisture. The type of damp proofing is closely associated with the moisture load and room or building designation. The inappropriate selection of materials and method of application in wet zones can cause immense damage such as tiles coming off, paint flaking, crystallising salt or even presence of fungus which can result in costly and difficult repairs. This article explains how to distinguish wet, damp and dry zones in a room, how to choose appropriate products and how to apply them in proper way. It will help you to understand the following topics:

- Understand the 'why' behind damp proofing
- Understand how to distinguish, wet, damp and dry zones in a room
- Understand what layers should be included when applying damp proofing
- Understand how to apply damp proofing

Material type: Article  
RIBA Core Curriculum: **Design, construction and technology**  
Knowledge level: Microlearning

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#### ETICS Fire Safety

This article looks at the regulations and requirements related to the fire safety of External Thermal Insulation Composite Systems (ETICS). The article will help you to understand the following topics:

- Understand the relevant Building Regulations and standards related to External Thermal Insulation Composite Systems
- Understand the fire classification of construction products
- Understand issues around the correct installation of External Thermal Insulation Composite Systems
- Understand how to recognize the fire classes for External Thermal Insulation Composite Systems

Material type: Article  
RIBA Core Curriculum: **Design, construction and technology**  
**Health, safety and wellbeing**  
Knowledge level: General Awareness

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### Professional Flooring Solutions

This article looks at different types and structures of concrete flooring and the criteria for selecting floor finishes and screeds. The article will help you to understand the following topics:

- Understand how to identify the different types of concrete floors
- Understand the structural elements of the different layers that make up complete flooring solutions
- Understand the difference between cement and anhydrite based screeds

Material type:

Article

RIBA Core Curriculum:

**Design, construction and technology**

Knowledge level:

General Awareness

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### Render Choice Depending on the Environment Conditions

This article looks at the many factors that need to be considered when selecting an appropriate render taking into account the specific building and its location. The article will help you to understand the following topics:

- Understand the importance of appropriate render choice
- Understand how to identify factors which impact building facades in the city centre or city outskirts
- Understand the correlation between wall structure and possible finishes
- Understand the difference between old and newly constructed buildings in terms of render use
- Understand how to match render colour to a particular building

Material type:

Article

RIBA Core Curriculum:

**Design, construction and technology**

Knowledge level:

General Awareness

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### Thermal Insulation: the Road to the Summit

This seminar looks at the reasons for thermal insulation and how to achieve thermal comfort. It will help you to understand the following topics:

- Understand the reasons for thermal insulation
- Understand the different types of insulation materials available
- Understand the correct technical specification for thermal insulation including substrates, priming, board fixings and rendering
- Understand common errors when specifying thermal insulation and how to avoid them

Material type:

Seminar

RIBA Core Curriculum:

**Design, construction and technology**

Knowledge level:

General Awareness

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## Classifications

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## Subject/Product Areas (CI/SfB)

### Substructure

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

### Structure

Floors, including beams > Floor insulation

### Finishes

Finishes > Floor and roof screeds, aggregates

Wall finishes: external > External wall coatings

Wall finishes: external > External insulation of external walls

### General products

Plaster, render > Plasters and renderings

Paints, varnishes, protective treatments etc. > Paints and primers

Paints, varnishes, protective treatments etc. > Waterproof paints, coated dp membranes

Mortars, limes > Mortars

Adhesives, sealants, gaskets > Adhesives

**RIBA Core Curriculum areas**

**Design, construction and technology**

Knowledge level: *Microlearning*

**Health, safety and wellbeing**

Knowledge level: *General Awareness*