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## Available CPD Material (4)

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### Energy Efficient Suspended Heated and Chilled Ceilings

This seminar will give you an overview of energy efficient solutions using suspended heated and chilled ceilings. This seminar will help you to understand the following topics:

- The basics of heated and chilled ceilings
- The functionality and benefits of heated and chilled ceilings and chilled beams
- Design requirements to achieve high flexibility for future modification.
- The requirements for 2-pipe and 4-pipe systems and where they should be used
- How heated and chilled ceilings can be used in combination with other systems
- The energy efficient operation of heated and chilled ceilings and how to reduce life cycle costs

Material type: Seminar

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

Knowledge level: General Awareness

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### Raised floors and Green Building – Green Guidance

Information on how raised floors can contribute to Green Building

- Fundamental basics of different Green Building certificates
- Documentation and information required to submit to achieve certifications

Material type: Seminar

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

Knowledge level: General Awareness

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### Special Metal Design Ceilings



Besides the well-known standard executions, various design options can be realised with metal ceilings. This seminar will offer an overview of possible:

- geometry shapes
- project-related arrangements and surface options

Thus, the ceiling can become the highlight of any building.

Material type: Seminar

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

Knowledge level: General Awareness

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### Acoustics with Raised Floor Systems



This CPD looks at raised floors and building acoustics. It will help you to understand the following topics:

- Understand the basics of building and room acoustics
- Understand building acoustics of raised floors
- Understand the possibilities of improvement of building acoustics
- Understand sound absorption with raised floors for improvement of room acoustics

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)

#### Structure

Suspended ceilings > Suspended ceiling systems  
 Floors, including beams > Floor decking - timber, glass, non-metal  
 Access floors > Access floor systems  
 Suspended ceilings > Suspended ceiling fixing contractors  
 Suspended ceilings > Tiles, panels for suspended ceilings  
 Structure > Steel structures  
 External walls > Curtain walling  
 Internal walls, partitions > Security partitions, counters  
 Doors: general > Sliding and folding doors

#### Finishes

Floor finishes: rigid tiles, slabs, mosaic > Tile and slab flooring  
 Floor finishes: wood systems > Wood block and strip flooring  
 Finishes > Metal panels, sheets

#### Services

Air conditioning, ventilation > Chilled ceilings and multi-service cooling systems

### RIBA Core Curriculum areas

**Design, construction and technology**

Knowledge level: *General Awareness*

**Sustainable architecture**

Knowledge level: *General Awareness*

