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CPD Overview

Proudly independent, Zentia is now the UK's market leader in complete ceiling solutions.

Evolved from Armstrong Ceiling Solutions and with over 100 years of knowledge and experience, we provide a complete range of future proof ceiling solutions to our UK specifier, contractor and distributor partners.

Having everything from manufacture to customer support right here in the UK provides agility and reliability, as well as a promise of quality and value. Our forward-thinking culture allows us to successfully solve problems for end user clients whilst also delivering a commitment to continued innovation spanning product design, service delivery and sustainability.

From working with distributors to source, supply and service the whole project chain and forge stronger partnerships, to being our contractors' trusted ceilings partner, adding creativity and capability to help them build better and smarter. Adding both imagination and tangible benefits to help specifiers reimagine the rooms they design, our aim is to push higher and harder to help our partners achieve success.



Available CPD Material (15)



Health, Wellbeing and Productivity

The Armstrong HEALTH, WELLBEING & PRODUCTIVITY CPD will give participants a better understanding and insight into integrating user-centered interior design to positively impact the health, wellbeing and productivity of occupants

Material type: Online Learning, Seminar

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

Knowledge level: General Awareness



Fitout Solutions for Cat 'A' and Cat 'B' Ceilings

This presentation looks closely at the fit-out market and how the selection of the correct ceiling and wall solution can help to achieve the performance requirements, user comforts and sustainable needs required to meet current legislation.

The presentation will cover the types of fit-out projects, their decision makers, and the various requirements in all locations of the project. It includes some interesting case studies with design challenges and solutions to overcome them.

Material type: Seminar

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

Knowledge level: General Awareness



Ceilings and the Environment

To provide you with an improved understanding of how the impact of suspended ceilings on the environment can be reduced.

Material type: Seminar

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

Knowledge level: General Awareness



Sound Advice : Limiting noise annoyance in buildings.

In this presentation, we will be looking at why creating healthy acoustic environments is important and how the acoustic performance of suspended ceilings and wall absorbers can assist with this.

The science behind the tests and standards will be explained including what the Building Regulations and sector specific requirements are, and how these requirements can be fulfilled.

The aim is to provide the audience with a level of knowledge on the topic that will enable them to specify suspended ceiling systems with confidence, and know when to seek further guidance.

By the end of this CPD, delegates should:

1. Have an understanding of why, how, what in relation to the acoustic performance of suspended ceiling systems and wall absorbers.
2. Have gained knowledge on the science behind sound absorption and attenuation.
3. Have recognition of the different routes to compliance with regulations.

Material type:

Seminar

RIBA Core Curriculum:

Health, safety and wellbeing
Legal, regulatory and statutory compliance

Knowledge level:

General Awareness



Multiple formats

Fire: Suspended Ceiling Systems - the basics

This CPD discusses the role that suspended ceilings can perform with their reaction and resistance to the effects of fire within buildings. By the end of the presentation you should have a greater understanding of:

- The basics of fire
- The role active and passive fire protection play in buildings
- Testing methods used for suspended ceilings
- Key elements on how to break a fire triangle
- Product fire reaction performance
- Product fire resistance

This CPD can be delivered to you live and remotely

Material type:

Online Learning, Seminar

RIBA Core Curriculum:

Health, safety and wellbeing
Legal, regulatory and statutory compliance

Knowledge level:

General Awareness



Circular Economy and Cradle to Cradle Design

This seminar looks at the concept of a circular economy especially in relation to ceiling systems. It will help you to understand the following topics:

- The problems arising from the traditional take, make and dispose process and the benefits of adopting circular design principles
- The role of cradle to cradle design in the built environment
- The Industry drivers and business case for adopting circular design principles
- Performance characteristics of ceiling systems which are designed for circularity

Material type: Seminar

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

Knowledge level: General Awareness



Ceiling Solutions for Education

This seminar will help you better understand the new designs for schools, and meet acoustic and thermal requirements to create a more energy-efficient and comfortable learning environment. The presentation will outline:

- A clear understanding of the various acoustical requirements in the design of schools
- How to save energy costs and meet the requirement of the Priority Schools Building Programme/Output Specification Impact on Ceilings
- How to specify new system designs
- How to understand the benefits of using PCM e.g. reduces load/need for air conditioning, reduces energy consumption, low embodied energy, improved thermal comfort in school environments
- A summary of detailed school case studies

Material type: Seminar

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

Knowledge level: General Awareness



Ceilings and Healthcare Environments

The objective of this presentation is to provide an improved understanding of the healthcare ceiling requirements, associated guidelines and applications.

- This presentation aims to uncover the functions that the ceiling must provide and critical performances, both obvious and obtuse, that are expected of the ceiling.

Material type: Seminar

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

Knowledge level: General Awareness



Guide to Building Acoustics

This guide aims to provide a better understanding and usage for non-acoustic specialists within the building design and construction teams.

Material type: Literature

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

Knowledge level: General Awareness



Acoustics and Suspended Ceilings

This seminar examines building acoustics, sound transmission, reception and absorption and the use of suspended ceilings in aiding the above.

Material type: Seminar

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

Knowledge level: General Awareness



A Better Learning Environment

This seminar will provide an understanding of the acoustic concepts of classroom design, how to meet the regulatory standards and to provide the optimum conditions for learning. It includes clarification of legislation in particular:

- Building regulations (E4)
- Building Bulletin 93
- The basics of passive acoustics
- The concepts of active acoustics including Soundfield and its relevance to regulations and good acoustic design

Material type: Seminar

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

Knowledge level: General Awareness



NLU - Fire

This CPD discusses the role that suspended ceilings can perform with their reaction and resistance to the effects of fire within buildings. By the end of the presentation you should have a greater understanding of:

- The basics of fire
- The role active and passive fire protection play in buildings
- Testing methods used for suspended ceilings
- Key elements on how to break a fire triangle
- Product fire reaction performance
- Product fire resistance

This CPD can be delivered to you live and remotely

Material type: Seminar

RIBA Core Curriculum: **Design, construction and technology**
Health, safety and wellbeing

Knowledge level: General Awareness



Metal Ceilings

This seminar will offer the delegate a better understanding of how metal ceilings are made enabling them to better design ceiling layouts.

Material type: Seminar

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

Knowledge level: General Awareness



Using Phase Change Materials in Construction for a More Sustainable Built Environment

This seminar covers:

- Introduction to PCM (phase change material)
- How PCM can be integrated into suspended ceilings
- Designing with HVAC system to save energy costs
- How using phase change materials in construction can create a more sustainable built environment

Material type: Seminar

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

Knowledge level: General Awareness



Multiple formats

Health, Wellbeing and Productivity 2022

Building design impacts the health, wellbeing and productivity of occupants. This CPD will help you understand the industry drivers and business case for high quality, healthy and greener buildings, including the role of suspended ceilings in supporting project goals.

By the end of the CPD you should have a greater understanding of:

- How building design impacts the health, wellbeing and productivity of occupants
- The industry drivers and business case for high quality, healthy and greener buildings
- The performance characteristics of ceiling systems which positively impact occupant wellbeing

Material type:

Classifications

Subject/Product Areas (CI/SfB)

Structure

Suspended ceilings > Suspended ceiling systems
Suspended ceilings > Tiles, panels for suspended ceilings
Suspended ceilings > Fire protection for suspended ceilings
Roofs, including beams > Canopies, covered ways, car ports

Finishes

Ceiling finishes > Ceiling boards, panels, tiles
Ceiling finishes > Ceiling trims

Services

Communications > Audio systems

RIBA Core Curriculum areas

Design, construction and technology

Knowledge level: *General Awareness*

Health, safety and wellbeing

Knowledge level: *General Awareness*

Legal, regulatory and statutory compliance

Knowledge level: *General Awareness*

Sustainable architecture

Knowledge level: *General Awareness*