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CPD Overview



Available CPD Material (11)



An Introduction to Thermal Performance in Glazing

An Introduction into the importance of thermal performance in glazing systems, its impact on the environment and links to net zero carbon emissions. Taking a look into the building regulations Approved Document L, important considerations within that related to glazing systems, including looking at testing and standards that make up the evidence of compliance.

Material type: Online Learning
RIBA Core Curriculum: **Legal, regulatory and statutory compliance**
Sustainable architecture
Knowledge level: General Awareness



Building Movement - Accommodating Building Sway and Slab Deflection in Curtain Wall Systems

This seminar is an introduction into building movement. How you can accommodate building sway and slab deflection within curtain walling systems.

We will be taking a look into the different types of movement that occurs and some specific details of how these challenges are overcome.

Finally we will take a look into the industry standards, test methods and supporting information that help deliver better building envelopes.

Material type:

Online Learning

RIBA Core Curriculum:

Design, construction and technology
Legal, regulatory and statutory compliance

Knowledge level:

General Awareness



Specifying Steel Glazing Systems

An introduction into using Steel Glazing systems. Taking a look at the features and benefits of using steel over other materials, covering an overview of its fire performance as well as security, thermal and structural capabilities including application of steel systems and where these are best used.

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

- The features and benefits of steel glazing systems against other materials
- The necessary fire regulations and how steel glazing systems can help meet these standards
- The necessary thermal regulations and how steel glazing systems can help
- The application of steel glazing systems and when to use them for project solutions

Material type:

Online Learning

RIBA Core Curriculum:

Design, construction and technology
Legal, regulatory and statutory compliance

Knowledge level:

General Awareness



Multiple formats

Security in Buildings

An introduction into specifying secure glazing systems, looking at the design requirements and what needs to be considered when developing secure buildings. Understanding the specific building regulations and performance standards that are represented, along with industry schemes that support the overall security planning of a project.

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

- The important considerations when specifying security requirements within glazing systems
- The necessary building regulations related to Security standards.
- Specific product and performance standards related to security.
- The industry schemes and what roles they have within designing secure buildings

Material type:

Online Learning, Seminar

RIBA Core Curriculum:

Design, construction and technology
Legal, regulatory and statutory compliance

Knowledge level:

General Awareness



Multiple formats

Specifying curtain walling

An introduction to specifying curtain walling covering the unique differences between stick and unitised elements. Understanding the design benefits of each application, how they are constructed, the impacts on sustainability and wellbeing, along with compliance to the necessary industry standards including testing procedures and fire protection.

Material type:	Online Learning, Seminar
RIBA Core Curriculum:	Design, construction and technology Legal, regulatory and statutory compliance
Knowledge level:	General Awareness



Multiple formats

Specifying residential windows and glazed doors

Introduction to specifying residential windows and doors. Providing an insight to the building regulations applicable to this sector, covering application of those standards to ensure your product specification meets the requirements of building homes for the future.

Material type:	Online Learning, Seminar
RIBA Core Curriculum:	Design, construction and technology Legal, regulatory and statutory compliance
Knowledge level:	Detailed Knowledge General Awareness



Multiple formats

Fire protection system, standards and regulations

An overview of the requirements of Approved Document B and the guidance given in order to comply with the regulations in respect of fire safety. A summary of the performance characteristics and classifications of fire safety elements given in EN 13501 and a look at compartmentation as a route to fire safety in buildings.

Material type:	Online Learning, Seminar
RIBA Core Curriculum:	Health, safety and wellbeing Legal, regulatory and statutory compliance
Knowledge level:	General Awareness



Introduction to Solar Energy

By the end of the presentation the architect will have an understanding of:

- The need for renewable energy
- What legislation is driving the need
- why solar energy
- How solar energy works
- Solar thermal technology
- Photovoltaic technology

Material type: Seminar



SHEVS (Smoke, Heat and Exhaust Ventilation)

This seminar addresses the issue of smoke control systems in buildings, focusing on natural smoke ventilation systems. It specifically looks at smoke control in general, with typical applications, definitions, regulations and guidelines, a detailed look at EN12101-2 including design considerations, control systems and typical processes.

Material type: Seminar



Understanding the Need for Aluminium Solar Shading

By the end of the presentation you will have an understanding of:

- Why we need to use solar shading and the benefits this brings
- The regulations that apply to solar shading
- The benefits of aluminium solar shading
- The options available in aluminium solar shading
- How to design an effective shading system

Material type: Seminar



Unitised Façades

This seminar will enable a better understanding of the principles behind unitised façades. This will enable the designer to make an effective and informed decision when choosing a façade solution.

Material type: Seminar

Classifications

Subject/Product Areas (CI/SfB)

Structure

Windows > Window awnings, shutters, louvres

External walls > Curtain walling

Windows > Aluminium windows

Doors: general > Side-hung doors - metal

Doors: general > Sliding and folding doors

Roofs, including beams > Roof forms

RIBA Core Curriculum areas

Legal, regulatory and statutory compliance

Knowledge level: *General Awareness*

Sustainable architecture

Knowledge level: *General Awareness*

Design, construction and technology

Knowledge level: *General Awareness*

Health, safety and wellbeing

Knowledge level: *General Awareness*