

Optima



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CPD Overview

Optima is one of the international market leading glass partitioning and doors specialists. Their service combines specification, design, manufacture, installation and aftercare using their own expert teams. All products are acoustically certified and they are proud of their sustainability credentials. An ISO9001 company with ISO14001 products and individual EPD's for every product.

We continually look at the factors that distinguish us as a leader in the development of environmental and sustainable materials. As a UK manufacturer, we endeavour to minimise our impact on the environment and have introduced Hydro CIRCAL aluminium across our UK Product range. Hydro CIRCAL is made from 75% post-consumer scrap making it the lowest carbon aluminium available.

We are committed to improving our environmental performance as a business and have set out our roadmap to achieving Net Zero Carbon by 2035.



Available CPD Material (10)



Understanding Embodied Carbon in Use and Re-use of Commercial Glass Partitions and Doors

This seminar will debunk the myths about embodied carbon, aids transparency around sustainability and helps you specify with confidence. Understand more about carbon, embodied carbon, carbon life cycle and whole life cycle carbon. Join us for this thought provoking CPD in conjunction with our Carbon Reduction Engineering Consultants Tunley Engineering.

Material type: Seminar
RIBA Core Curriculum: **Design, construction and technology**
Sustainable architecture
Knowledge level: General Awareness



Understanding the Reaction to Fire of Partition Surfaces

The classification of wall linings for reaction to fire is widely misunderstood when taking finishes and using them in specific applications. Manufacturers of finishes, be they fabrics, veneers, high pressure laminates or glass, often fail to put the classification of their products and their own fire test evidence in the proper context for specifiers and there is a considerable risk that finishes will be specified without appropriate supporting evidence.

This targeted CPD will guide specifiers through this complex issue and give confidence in accurate and compliant specification.

This CPD will cover:

1. An overview of what the regulatory guidance requires for reaction to fire.
2. An explanation of how the required Euro classifications are developed.
3. A guide to how the testing is carried out.
4. A look at other forms of testing which may incorrectly be used to justify the specification of a finish.
5. A cautionary guide to understanding why manufacturers claims may not be accurate in the context of the end-use.

By the end of this CPD delegates ought to:

1. Know what form of classification to look for in specifying a finish for a wall lining.
2. Understand the limits of the field of application of test evidence.
3. Be aware of the limits of non-Euro classifications when tested to non-representative testing standards.
4. Be confident in questioning manufacturers of finishes on the context of their fire test evidence and classifications.

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

Specifying Fully Glazed Fire Doors & Partitions



Specifying glazed fire doors and screens is only part of the process. Understanding the limitations of these systems in respect of the fields of application of their fire test evidence is crucial. This targeted CPD will guide designers through the complex issues and give confidence in accurate and compliant specification.

This CPD aims to provide:

1. An explanation of the different forms of fire resistance.
2. An illustration of the fire resisting capability of steel framed glazing systems and doors.
3. A guide to the forms of evidence that establish the fields of application of that fire resisting capability.
4. An explanation of the limitations imposed by that evidence including the limitations of the supporting constructions
5. A guide to the smoke resistance capabilities of glazed systems

By the end of this seminar you should:

1. Know the difference between the forms of fire resistance and the importance of specifying it correctly.
2. Understand the extents of fire resistance of glazed systems.
3. Be able to request the correct forms of evidence at the earliest stage of the design process.
4. Appreciate how fire test evidence dictates the use and extent of supporting constructions and the hardware used on steel-framed fully glazed fire doors.
5. Understand the capabilities of fully glazed systems in preventing the passage of smoke.

Material type: Seminar

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

Knowledge level: General Awareness

Specifying Glass Partitions (Scotland)



A guide for the Scottish architectural community to the key performance criteria when specifying glazed partition systems. By the end of the CPD you should have a greater understanding of:

- The distinction between different forms of glazed partition and where they might be specified
- Appreciation of how performance claims are made
- How to specify in the knowledge that building regulations can be satisfied

Material type: Seminar

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

Knowledge level: General Awareness



Multiple formats

The WELL Building Standard - How can glazed partitions contribute?

This CPD discusses how glazed partitions and doors can play an important part in gaining WELL certification. Ensuring the relevant products are chosen, parts that are satisfied and documented will make a positive contribution to the final certification. By the end of the presentation you should have a greater understanding of:

- The benefits of WELL certification
- The WELL certification process
- The WELL certification methodology
- The role of glass partitions within WELL
- How to specify glass partitions in a design which meets the WELL Standard

This CPD can be delivered to you live and remotely

Material type: Online Learning, Seminar

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

Knowledge level: General Awareness



Specifying Glass Partitions

This seminar looks at specifying glass partitions and doors and how to choose the right product against the given performance requirements. It will cover the following topics:

- When and how to specify glass partitions
- Acoustic, fire and structural performance considerations
- Integration of glass partitions with other elements such as doors

Material type: Seminar

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

Knowledge level: General Awareness



Understanding Partition Acoustics

This seminar provides an overview of the sound insulation of partitions and doors. It will help you to understand the following topics:

- Sound insulation performance in the context of glazed partitions and doors
- How acoustic performance is verified by laboratory testing
- How to decide what sound insulation performance is needed and how to specify sound insulation with confidence
- Composite room to room sound insulation for partition plus door
- How sound insulation values are measured on site and how construction quality as a whole can affect that performance

Material type: Seminar

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

Knowledge level: General Awareness



Non Load Bearing Partitions

This seminar will look at:

- Types of partitioning
- Structural
- Acoustics
- Fire
- Warranties
- Health and safety
- Sustainability and maintenance

Material type: Seminar

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

Knowledge level: General Awareness



Architectural Possibilities for Glass in Construction

The aim of this seminar is to give the specifier a clearer understanding of the different processes used in the manufacture of glass. The seminar will leave the specifier with a few new ideas in relation to the specification of glass.

Material type: Seminar

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

Knowledge level: General Awareness



Non-loadbearing Partitions

This seminar offers an overall understanding of partition types, fixed, demountable, relocatable, structural performance, acoustics, fire resistance, and health and safety.

Material type: Seminar

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

Knowledge level: General Awareness

Classifications

Subject/Product Areas (CI/SfB)

Structure

Internal walls, partitions > Relocatable, demountable partitions

Doors: general > Sliding and folding doors

Doors: general > Frameless glass doors

Doors: general > Side-hung doors - wood

RIBA Core Curriculum areas

Design, construction and technology

Knowledge level: *General Awareness*

Sustainable architecture

Knowledge level: *General Awareness*

Health, safety and wellbeing

Knowledge level: *General Awareness*

Legal, regulatory and statutory compliance

Knowledge level: *General Awareness*