

Reynaers Aluminium



111 Hollymoor Way, Northfield, Birmingham, B31 5HE
www.reynaers.co.uk
Cpd Bookings, Tel: +44 (0)121 4211999, reynaersltd@reynaers.com



CPD Overview



Available CPD Material (8)



Multiple formats

Aluminium Windows for Optimal Natural Ventilation

This CPD reviews ventilation strategies for buildings and the benefits of natural ventilation. It discusses aluminium window systems and their key features and introduces the innovative parallel opening design. It also covers relevant regulations and standards relevant to the specification of windows.

Material type: Online Learning, Seminar

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

Knowledge level: General Awareness



Multiple formats

Acoustic Aluminium Glazing Solutions for City Dwellings

This CPD discusses the benefits of using aluminium sliding doors in acoustic building design. It provides an introduction to how urbanisation has led to increased noise, and explores the main effects of sound and how it works. It introduces the key features and uses of acoustic glazing and covers relevant regulations and standards specific to the product category. It also provides an insight into high performance product solutions, supported by project cases studies.

Material type: Online Learning, Seminar

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

Knowledge level: General Awareness



Multiple formats

Specifying Aluminium Sliding Doors

This CPD discusses the benefits of the use of aluminium sliding doors in building design and gives an introduction to the main types of aluminium sliding doors and an overview on design considerations. It covers relevant regulations and standards specific to the product category and provides an insight into high performance product solutions, supported by project cases studies.

Material type: Online Learning, Seminar

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

Knowledge level: General Awareness

Specifying Fire Resistant Aluminium and Steel Systems



This CPD covers applicable standards and performance required for fire resistant systems as well as an overview of Passive Fire Protection. The testing procedure and results are also examined, as well as how aluminium and steel systems can meet the necessary requirements. By the end of the seminar you should have a greater understanding of:

- Passive fire protection
- Testing procedures and how to check that products are fire rated
- Fire classifications and their requirements for specifying systems

Material type: Seminar

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

Knowledge level: General Awareness

Accessible Solutions for Aluminium Windows and Doors



This CPD provides delegates with an understanding of accessible solutions for aluminium windows and doors. The background and history to accessibility are discussed and solutions to accessibility are illustrated using case studies. By the end of this seminar you should have a greater understanding of:

- The history of the topic accessibility
- Legislation such as The Discrimination Act 1995 (c 50) and its replacement the Equality Act 2019.
- Approved Document M and its requirements for windows and doors.
- Solutions that assist in meeting accessibility requirements – including aluminium system solutions

Material type: Seminar

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

Knowledge level: General Awareness

An Introduction to Specifying Aluminium Curtain Walling



This seminar is intended to be an introduction to aluminium curtain walling. It gives a broad overview of the product and the various options available. It also gives an insight into the legislation and standards that must be considered when specifying the product. It will help you to understand the following topics:

- Aluminium curtain walling and what it is
- The design and aesthetics of aluminium curtain walling
- Relevant regulations, standards and performance issues that should be considered when specifying curtain walling
- The type of aluminium curtain walling that may be most suitable for a project

Material type: Seminar

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

Knowledge level: General Awareness



Sustainability and its Implications for Specifying Aluminium Glazing Systems

The CPD presentation will give the specifier a good understanding of:

- Aluminium Systems including background and industry information
- Aluminium as a material
- Drivers in the growth of sustainable glazing
- Evolution of aluminium window design and thermal performance

Material type:

Seminar

RIBA Core Curriculum:

Design, construction and technology
Sustainable architecture

Knowledge level:

General Awareness

Embodied Carbon in Aluminium Windows, Doors and Curtain Walling System

The UK Government is looking into embodied carbon as part of its strategy to cut carbon emissions. It has been shown that around 50% of the whole life emissions of a building could originate from the carbon emitted during construction and demolition of a building.

The purpose of this white paper is to look at the Lifecycle Framework of construction products and the approved methodologies for calculating embodied carbon in aluminium windows, doors and curtain walling. It also discusses how the carbon intensity of aluminium has been significantly reduced making it a front runner in the creation of a circular economy.

This CPD article aims to cover:

1. What is embodied carbon.
2. Approved methodologies for calculating embodied carbon.
3. When to calculate embodied carbon.
4. The future of aluminium as a sustainable material choice.
5. The advantages of aluminium in the construction industry.

By the end of this CPD article delegate ought to:

1. Understand what embodied carbon is.
2. know how to calculate embodied carbon.
3. know When to calculate embodied carbon in a construction project.
4. Recognise that aluminium is a sustainable construction material.
5. Understand the advantages of using aluminium in construction projects.

Material type:

Article

Classifications

Subject/Product Areas (CI/SfB)

Structure

Windows > Aluminium windows

Doors: general > Side-hung doors - metal

External walls > Curtain walling

Windows > Window awnings, shutters, louvres

Doors: general > Sliding and folding doors

External works

Minor buildings: garages etc. > Conservatories

RIBA Core Curriculum areas

Design, construction and technology

Knowledge level: *General Awareness*

Inclusive environments

Knowledge level: *General Awareness*

Legal, regulatory and statutory compliance

Knowledge level: *General Awareness*

Sustainable architecture

Knowledge level: *General Awareness*