

Senior Architectural Systems Ltd



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CPD Overview

Senior Architectural Systems is the largest privately owned fenestration systems house in the UK*, who design, manufacture and supply innovative high-performance aluminium windows, doors and curtain wall systems for use on projects across the sectors.

With a strong focus on supply chain collaboration, Seniors recognise the value of relationships and work closely with fabricators and architects to deliver fenestration solutions that perform as well as they look.

Senior have a state-of-the-art manufacturing facility in South Yorkshire, which includes an in-house powder coating paint line. With additional distribution centers in Scotland and Rotherham, combined with the products and the technical expertise, Senior can bring even the most challenging design briefs clearly into view.

*based on turnover



Available CPD Material (4)



Multiple formats

Evolution of Thermally Broken Window Profiles

We will be looking into the history of Aluminium windows. Starting from a non-thermal window through to a polyamide and polyurethane thermally broken window. We will cover the brief history of Approved Document L and the changes in there which have influenced the design of aluminium windows over the years.

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

- The history of Approved Document L
- The evolution of an aluminium window
- CEN standard U values achieved with the different products and showing how they have improved over the years
- The benefits of using a polyurethane system.

Material type: Online Learning, Seminar

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

Knowledge level: General Awareness



Curtain Wall: Design, Detail and Delivery

This CPD will examine curtain walls – the outer covering of a building with the main purpose of keeping the weather out in the most aesthetically pleasing way. The seminar moves through the design, detail and delivery processes integral to curtain walls. By the end of the CPD you should have a better understanding of:

- The design, detailing and delivery of curtain walling, its purpose, its performance and its construction.
- What your system supplier of choice should be offering and how they can assist the architect with all aspects, from concept, through design, to completion.
- Why you need to consider many aspects of the design.
- How curtain walling interfaces with the surrounding structure.
- How external influences can affect design of curtain walling

Material type: Seminar

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

Knowledge level: General Awareness



Designing Sustainable Fenestration

This seminar aims to help delegates:

- Current materials available for fenestration
- Sustainable design of fenestration
- Additional benefits available from manufacturers, installers and fabricators

Material type: Seminar

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

Knowledge level: General Awareness



NLU-Detailing and Delivering Fenestration Solutions

A seminar to accurately identify and overcome the detailing/interface issues of correctly specifying windows, doors and curtain walling. Construction and site limitations are also discussed together with value engineering best practice

Material type:

Seminar

RIBA Core Curriculum:

Design, construction and technology
Sustainable architecture

Knowledge level:

General Awareness

Classifications

Subject/Product Areas (CI/SfB)

Structure

Windows > Aluminium windows

External walls > Curtain walling

Patent glazing > Patent glazing

External & entrance doors/screens > Shopfronts and entrance doors or screens

Windows > Composite materials windows

Windows > Plastics windows

Doors: industrial > Industrial fire doors

Doors: general > Sliding and folding doors

RIBA Core Curriculum areas

Design, construction and technology

Knowledge level: *General Awareness*

Sustainable architecture

Knowledge level: *General Awareness*