

# AluK (GB) Ltd



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## CPD Overview

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At AluK, we understand the challenges of modern building construction. For more than 60 years we have been working around the globe engineering and delivering the finest tailored aluminium façade systems: windows, doors and curtain walling. As part of AluK International, we have over 2,000 clients worldwide that have different challenges, which why we offer different solutions wherever your project may be. We provide bespoke aluminium systems for any commercial, industrial and residential application. All our market-leading systems are developed and produced by our in-house research and development team. We also design produce and manufacture our own fittings and hardware, ensuring seamless results. Our 350,000 sq. facility at our UK headquarters holds 1,400 tones of aluminium profile in stock and we are the only aluminium systems house with a fully integrated pre-treatment and finishing line. Our dedicated project consultants will work with you supporting your project from design through to build. To ensure effective project development and delivery we are committed to continual investment in first-class design tools, software and personnel, including BRE BIM-accredited professionals, a range of free REVIT and IFC Objects and a full suite of NBS Chorus specifications for all our products.



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## Available CPD Material (5)

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### Approved Document L 2021- Impact and Actions for Aluminium Window and Door Performance

An exploration of revised Approved Document L, updated in 2021 and for implementation from June 2022, and the implications for the aluminium window and door industry.

The seminar covers the subject by looking at the new document and the sections that apply to windows, doors, and curtain wall, followed by looking at the specific performance criteria contained in the document, and looking at the way in which the industry is rising to the challenges posed. The enhancements made to a specific product type will be discussed in a case study.

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

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### Aluminium Curtain Wall Design: A Technical Guide to meeting regulatory requirements

Aluminium Curtain Wall Design: A Technical Guide to meeting regulatory requirements covers the technical and legislative considerations needed when designing and specifying Aluminium Curtain Walling. Through the use of a 'System design tree', specifiers can ensure the best procedures are followed for well-planned, accurate design, detailing and specification of the right glazing systems is critical to the delivery of sustainable, cost-effective and robust results - from design to manufacture to installation. It discusses the key legislation and standards that need to be followed in a systematic manner with reference to upcoming changes to building legislation, especially regarding safety, fire and thermal performance. By the end of the CPD you should have a greater understanding of:

- Gain an understanding of the history of glazing system technology and the various system aspects
- Establish a rational and systematic approach to working with ACW within legislative frameworks
- To have a clearer understanding of the various pros and cons of different curtain walling system types: which to use and when
- An introduction to the rules and building regulations that affect curtain walling, as well as gaining knowledge of when to start considering the technical aspects within the project timeline
- To know about the sustainable properties of aluminium, from end to end, and understand the role it plays in sustainable building

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

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### Aluminium Curtain Wall: Design, Performance and Standards



This seminar aims to provide:

- Knowledge of where curtain walling should be used and confidence in using it as a design solution.
- Knowledge of which standards and regulations need to be adhered to and what they may be.
- An understanding of how curtain walling works as a façade system.
- Understanding the different options for curtain walling.

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

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### Building Information Modelling 'Aluminium façade Systems - modelling, design, construction, standards and collaboration'



The aim of this seminar is to give an overview of Building Information Modelling and understand how product manufacturers fit into the process with particular attention to façade systems, it follows the remaining themes.

- Building Information Modelling an overview of what BIM means
- How façade system 3-D objects are incorporated into the design
- Modelling and system parametrics of 3-D objects
- The BIM design and construction processes relating to façade systems
- Standards and regulations for BIM
- Collaboration is key to BIM why

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

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### Building As Theatre: Creating the Transparent Stage of Human Life



Multiple formats

This CPD explores how innovation in glazing technology has opened up a world of possibilities in creating an open and even theatrical approach to the design of our cities. Focusing on Curtain Walling, it discusses how each building type reflects the functions it contains, and how scale, texture and framing are made possible through the design and construction of curtain walling. It considers how well-planned, accurate design, detailing and specification of the right glazing systems is critical to the delivery of sustainable, cost-effective and robust results - from design to manufacture to installation. By the end of the presentation you should have a greater understanding of:

- The history of glazing system technology and how the innovations have changed the way building envelopes have evolved
- The influence and impact of framing, scale and texture in curtain walling on the design of a building, both interior and exterior, the interplay between all three aspects, and their impact on the lived experience of occupants
- The various pros and cons of different curtain walling system types: which to use and when
- The rules, building regulations and standards that affect curtain walling, as well as knowledge of when to start considering the technical aspects within the project timeline
- The sustainable properties of aluminium, from end to end, and the role it plays in sustainable building

This CPD can be delivered to you live and remotely

Material type: Online Learning, Seminar

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## Classifications

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### Subject/Product Areas (CI/SfB)

Structure

Windows > Aluminium windows

Doors: general > Side-hung doors - metal

External walls > Curtain walling

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

Windows: parts, accessories > Window ventilators, condensation control & glazing channels

Doors: general > Sliding and folding doors

### RIBA Core Curriculum areas

Legal, regulatory and statutory compliance

Knowledge level: *General Awareness*

Design, construction and technology

Knowledge level: *General Awareness*