

Metal Technology Ltd



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CPD Overview



Available CPD Material (4)



Aluminium - Building a Sustainable Future

The presentation will allow Architects strengthen their understanding of the properties of aluminium in facades.

The seminar will provide information on:

- The advantages of specifying aluminium facade products
- Low Carbon aluminium products that are available
- BREAM and Window Energy Ratings
- Thermal Performance and Passive House
- Realise the infinite 'Cradle to Cradle' life cycle ability of aluminium as a sustainable building material, including Closed Loop Recycling Schemes

Material type: Seminar

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

Knowledge level: General Awareness

Window Selection: A Specifier's Guide



The presentation will allow Architects to assess aluminium window systems in terms of their material, function and performance in relation to their specific project requirements.

The seminar will provide information on:

- The advantages of specifying aluminium windows and doors
- How to specify the correct window system for each project, including finishes, glass and ironmongery
- The correct window and door Security Standards, and when to specify
- Glass specifications, and impacts on security, thermal performance, solar control, and acoustics
- Realise the infinite 'Cradle to Grave' life cycle ability of aluminium as a sustainable building material
- The performance values and standards required for modern buildings

Material type: Seminar

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

Knowledge level: General Awareness

Aluminium: Building a Sustainable Future-Temp Susp.



This seminar will provide information on:

- Properties of aluminium
- The sustainability of aluminium
- Aluminium extraction
- Production of aluminium
- Aluminium recycling
- BREEAM assessment of aluminium windows
- Aluminium windows within the BFRC's Window Energy Rating scheme
- Thermal performance of aluminium windows
- Sustainability through responsible sourcing and partnering of suppliers

Material type: Seminar

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

Knowledge level: General Awareness

Document L – The Implications for Windows, Doors and Rooflights



This seminar will better prepare the architect to comply with new building regulations with Document 'L' new thermal regulations.

Material type: Seminar

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

Knowledge level: General Awareness

Classifications

Subject/Product Areas (CI/SfB)

Structure

External walls > Curtain walling

Windows > Aluminium windows

RIBA Core Curriculum areas

Design, construction and technology

Knowledge level: *General Awareness*

Sustainable architecture

Knowledge level: *General Awareness*

Legal, regulatory and statutory compliance

Knowledge level: *General Awareness*