

CPD SEMINAR; LOW CARBON GRP DAYLIGHT SOLUTIONS FOR THE METAL BUILDING ENVELOPE

Summary

The seminar delivers an understanding of how rooflight choices in relation to key performance requirements can impact on the overall contribution rooflights can make to the metal building envelope with particular focus on:

- Light transmission
- Thermal Performance and insulation values
- Embodied Carbon
- Non-Fragility

The presentation includes an online demonstration of these effects, helping Specifiers to make informed decisions regarding key performance criteria.

Designed to suit

Architects, Planning Professionals, Facilities Managers, building owners and Sustainability Professionals.

RIBA, Core Curriculum

- Design and Building it: Design, construction, technology and engineering
- Climate: Sustainable architecture

Aims

- To investigate the links between natural daylight, solar gain, U-value and embodied carbon in the rooflight specification
- To detail key safety and thermal performance targets
- To explore a range of solutions to achieve a balanced performance from the daylighting plan
- To identify the performance and environmental benefits of GRP

Outcomes

- Understand the advantages of GRP translucent rooflights
- Understand the key considerations when specifying rooflights for the modern metal building envelope
- Understand the configuration choices available to address critical performance criteria
- Understand the benefits and consequences of these choices

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