

# OAG Limited



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## CPD Overview

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OAG designs and delivers stunning architectural glazing solutions, working on some of the most iconic and challenging structures in the UK.

Established in 1995, OAG has extensive knowledge and experience built from a wide-ranging portfolio. Our design and engineering capabilities enable us to work and deliver some of the most elaborate schemes.?

We work on projects of all sizes, complexities, and sectors.



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## Available CPD Material (3)

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Multiple formats

### Design and Specification - Understanding Fire-Rated Glazed Systems

This seminar covers the design and specification of fire resistant glazed barriers and will look at the following topics; Understanding the different fire ratings and glass types used for fire resistant glazing. An overview of the relevant British Standards and European Standards associated with testing fire rated glazed screens and doors. An overview of the actual testing process for passive fire protection in accordance with BS EN 1634:1-2014. The method of assessment reports and their place in the construction of buildings. Areas to consider when specifying fire resistant glazed doors and screens.

Material type:	Online Learning, Seminar
RIBA Core Curriculum:	<b>Health, safety and wellbeing</b> <b>Legal, regulatory and statutory compliance</b>
Knowledge level:	General Awareness

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### Cost Plan Development of Structural Glazing

This CPD will provide details on the cost planning of structural glazing and the variable cost factors associated with typical glazed applications. These include factors such as location, panel size and weight, supporting framework and access and logistics. The presentation also covers the manufacturing, strengthening and processing of glass and provides an overview of key design cost factors. This seminar will help you to understand the following topics:

- Understand glass manufacturing and its key properties
- Understand the possibilities of enhancing performance through heat, lamination and thermal control coatings
- Understand variable costs associated with structural glazing
- Understand key cost consideration for the most common glazed applications.

Material type:	Seminar
RIBA Core Curriculum:	<b>Design, construction and technology</b>
Knowledge level:	General Awareness

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### Design and Specification of Structural Glazing

This CPD, available in the London area, outlines the approach to the design and specification of structural glazing where the design intent very often requires a more non-standard or bespoke engineered glazing solution. This will include an overview of the glass manufacturing process from a raw material to a finished structural application and explain the considerations that need to be made when designing various structural elements. This is illustrated through a variety of case studies from balustrades to self-supporting structures. The presentation will also cover suitable glass types, heat loss and solar gain as well as the importance of identifying key processes in installation. This seminar will help you to understand the following topics:

- Understand how glass is made, the limitations in manufacturing and how to identify the correct glass for your application
- Understand how glass is strengthened through heat and lamination
- Understand what happens when glass breaks and how to improve thermal performance
- Understand various structural glazing applications and the challenges they present
- Understand typical installation sequences including an introduction to access and lifting equipment

Material type: Seminar

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

Knowledge level: General Awareness

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## Classifications

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

#### Structure

Patent glazing > Patent glazing

External walls > Curtain walling

Internal walls, partitions > Screens

Floors, including beams > Floor decking - timber, glass, non-metal

Roofs, including beams > Roof forms

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

Doors: general > Frameless glass doors

Balustrades > Balustrades

#### General products

Rigid sheets: glass > Architectural glass

### RIBA Core Curriculum areas

#### Health, safety and wellbeing

Knowledge level: *General Awareness*

#### Legal, regulatory and statutory compliance

Knowledge level: *General Awareness*

#### Design, construction and technology

Knowledge level: *General Awareness*