

# Whitesales Rooflights



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## CPD Overview

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Rooflights & more - Whitesales are a specialist manufacturer and distributor of commercial rooflights and specialist flat roofing products with more than 20 years' experience in the industry. Our rigorously tested and fully compliant rooflights are designed to flood interiors with natural daylight, enhancing working and living conditions, boosting concentration and productivity and improving health, mood and performance.

Rooflight specification will play an integral part in sustainable building design; Whitesales specialise in thermoformed dome roof lights and pyramid roof lights, smoke ventilator skylights, barrel-vaulted continuous rooflights, flat glass rooflights, tubular skylights and more. We can offer site surveys, technical specification writing and CAD drawing service for all applications of our commercial roof lights.



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## Available CPD Material (7)

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### Testing and Certification for Glass Rooflights

This CPD aims to discuss testing and certification of rooflights to ensure they remain a durable and safe source of natural light. Topics covered will include withstanding load forces, selection and fitting, and mitigation against degradation from the elements and accidental damage. This article will give you a greater understanding of:

- The factors which impact loading
- Permeability and breathability characteristics
- Glass rooflight fire regulations
- Glazing performance requirements for glass rooflights
- Compliant security ratings for glass rooflights

Material type: Article  
RIBA Core Curriculum: [Design, construction and technology](#)  
Knowledge level: Microlearning

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### Structural Roof Glazing – Design Considerations

This CPD aims to discuss the design considerations for glazed roofs as an aesthetically pleasing and durable source of natural light. Topics covered will include compliance within glazing, performance standards and how to achieve robust, safe and durable outcomes to ensure the completed building can be approved. By the end of the article you should have a greater understanding of:

- How to define structural and size parameters
- The various types of glass for different building uses
- The required performance standards
- How to incorporate smoke ventilation into structural roof glazing
- The advantages of modern bespoke designs

Material type: Article  
RIBA Core Curriculum: [Design, construction and technology](#)  
Knowledge level: Microlearning

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### Specification for 'Non-Fragile' and 'Walk-On' Rooflights

This CPD aims to explore rooflights as an invaluable source of daylight for structures with otherwise low levels of natural illumination. It will cover rooflight categories and discuss topics including fragility, loading level, installation and surface coating. This article will give you a greater understanding of:

- Non-fragility classification criteria
- Classification levels of non-fragility
- Rooflight application specification
- Different installation methods relevant to rooflight categories
- Different surface coatings on walk-on units, in the context of slip ratings

Material type: Article  
RIBA Core Curriculum: [Design, construction and technology](#)  
Knowledge level: Microlearning

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### A Guide to Replacing Heritage Rooflights

This CPD aims to provide a comprehensive overview of the required approach to replacing heritage rooflights as historic features, to ensure that structural changes are compliant, and serve to complement the style of the building. This article will give you a greater understanding of:

- The criteria for satisfying listed building consent
- How to identify different period styles
- How to match existing layouts with modern performance
- How to re-use decorative features
- The different options for glazing on heritage rooflights

Material type: Article  
RIBA Core Curriculum: **Design, construction and technology**  
Knowledge level: Microlearning

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### Don't Break Glass: Classification of Non-Fragility for Roof Glazing

This seminar looks at the difference between glass and polycarbonate when used in roof glazing and what regulations apply to roof glazing materials. It will help you to understand the following topics:

- Understand and recognise types of overhead glazing available
- Understand the key terms around non-fragility and the non-fragility testing processes
- Understand and appreciate the key concerns around rooflight safety
- Understand specification and designer responsibilities
- Understand the main classifications and where to find further information to assist in preparing a roof glazing specification

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

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### No Light Like Daylight: Delivering Daylight Through design

This seminar looks at the benefits of natural daylight and the basics of designing daylight in the built environment. It covers information that is relevant to residential, commercial and industrial buildings. The seminar will cover areas such as the impact of daylight on building occupants through to important design considerations when specifying rooflights, light levels for specific building usage and use of rooflight applications for reducing energy usage and Co2 emissions. It will help you to understand the following topics:

- Understand daylight in the built environment, benefits and importance, daylight theory and achieving higher levels of daylight
- Understand technical guidance, light and living, the legal requirements, rooflights and energy efficiency and glazing safety
- Understand designing with rooflights, types and applications, considerations and reference projects

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

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## No Fire Without Smoke



This seminar covers the need for smoke control in the built environment and the issues around the design, installation, commissioning and maintenance of smoke control systems. It will help you to understand the following topics:

- Understand the complex nature of smoke control
- Understand the legal responsibility of the specifier and where to look for definitive information on the regulations which surround the need for smoke control
- Understand the different types of smoke control vents and which is suited to what installation and why

Material type: Seminar

RIBA Core Curriculum: **Design, construction and technology**  
**Health, safety and wellbeing**

Knowledge level: General Awareness

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## Classifications

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

Structure

**Rooflights > Rooflights**

**Rooflights > Roof windows, northlights**

Finishes

**Roof finishes > Roof trims and accessories**

Services

**Air conditioning, ventilation > Smoke, heat, exhaust and ventilation systems**

### RIBA Core Curriculum areas

**Design, construction and technology**

Knowledge level: *Microlearning*

**Sustainable architecture**

Knowledge level: *General Awareness*

**Health, safety and wellbeing**

Knowledge level: *General Awareness*