

Whitesales Rooflights



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CPD Overview

Whitesales are a specialist manufacturer and distributor of rooflights and specialist flat roof glazing with more than 30 years' experience in the industry. Our rigorously tested and fully compliant rooflights and flat roof windows 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 plays an integral part in sustainable building design. Whitesales specialise in thermoformed dome roof lights and flat glass roof windows, barrel-vaulted continuous rooflights, bespoke glass roof glazing, tubular skylights and more. We offer site surveys, technical specification writing and CAD drawing service for all applications of our roof glazing solutions.



Available CPD Material (7)



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



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



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



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



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:

- Types of overhead glazing available
- The key terms around non-fragility and the non-fragility testing processes
- The key concerns around rooflight safety
- Specification and designer responsibilities
- 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



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:

- Daylight in the built environment, benefits and importance, daylight theory and achieving higher levels of daylight
- Technical guidance, light and living, the legal requirements, rooflights and energy efficiency and glazing safety
- 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



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:

- The complex nature of smoke control
- The legal responsibility of the specifier and where to look for definitive information on the regulations which surround the need for smoke control
- 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

Classifications

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*