

Bilco UK



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CPD Overview



Available CPD Material (3)



Key Considerations When Specifying Natural Smoke and Heat Exhaust Ventilators (NSHEVs)

This CPD article discusses Natural Smoke and Heat Exhaust Ventilators (NSHEVs). These are installed in the roof to provide essential ventilation in the event of a building fire and open either by sensors or remote control, to exhaust smoke and noxious fumes. It is a simple concept, utilising simple physics, to make a dangerous situation safer and it is applicable in almost all building typologies from auditoriums, to universities, to warehouses. By the end of the article should have a greater understanding of:

- How smoke behaves in a building fire
- The role of NSHEVs in protecting building occupants
- Compliance requirements for NSHEVs
- Design options to consider when specifying NSHEVs

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



Multiple formats

Safe Access All Areas: An Essential Guide to Safe, Practical and Aesthetic Roof, Ceiling, Wall and Floor Access Solutions

This CPD aims to cover a full range of access products, providing a clear overview of managing access, fire, safety and security requirements in your building. Topics covered include purpose and reason for access, identifying and overcoming access changes, design considerations, weight loadings and configurations, and relevant regulations and standards. By the end of the CPD you should have a greater understanding of:

- Fire ratings and certification
- Smoke ventilation including access
- Safe operation
- Specification of roof and floor access areas
- Specification of wall and ceiling access areas

This CPD can be delivered to you live and remotely

Material type: Online Learning, Seminar
RIBA Core Curriculum: **Design, construction and technology**
Health, safety and wellbeing
Knowledge level: General Awareness



Multiple formats

Access All Areas: Roof Access & Smoke Ventilation for Flat Roofs

Access all Areas will cover the following:

- Design safe access to the roof and through the floor.
- Safe movement around the roof. Safe access over fragile roofs and along valley gutters.
- How to use Natural smoke ventilators for infrequent roof access.
- Plan it, Design it, Specify it, the easy way for safe access all around the building envelope.

This CPD can be delivered to you live and remotely

Material type:

Online Learning, Seminar

RIBA Core Curriculum:

Design, construction and technology
Health, safety and wellbeing

Knowledge level:

General Awareness

Classifications

Subject/Product Areas (CI/SfB)

Structure

Stairs > Access ladders

Windows: parts, accessories > Window boards, linings, sub-frames

Doors: general > Access doors

Rooflights > Roof access hatches

Access floors > Floor and pit doors

Services

Transport: lifts, escalators, conveyors etc. > Access equipment and safety systems

Engineering

Ventilation and air conditioning > Ventilation systems

RIBA Core Curriculum areas

Design, construction and technology

Knowledge level: *Microlearning*

Health, safety and wellbeing

Knowledge level: *General Awareness*