

Smoke Vents

Certified to CE EN12101-2

Roof Access Systems



Whitesales®
Rooflights & more...

Why natural Smoke and Heat Exhaust Ventilation Systems (SHEVS)?

Smoke vents are life-saving appliances. They create a smoke free layer above the floor by allowing heated smoke and combustible gases to exhaust from the facade or roof of a building.

This makes fire-fighting safer and easier, and reduces the risks of explosion and inhalation of poisonous gases.

Smoke vents also offer a means of access to and from the roof, as well as providing comfort ventilation and natural daylight.

Meeting legal requirements

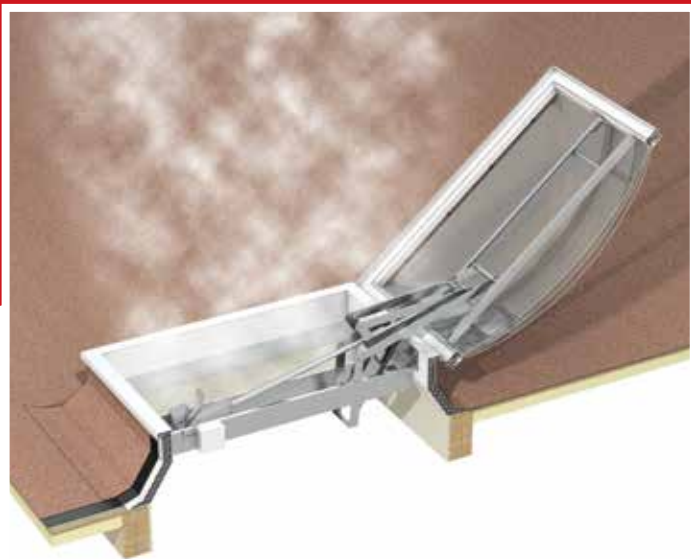
Because smoke vents are life-saving devices they classify as Attestation Level 1 under CE EN12101-2 Norm which, together with the CPR Regulation No 305/2011, strictly regulates the manufacture and sale of these products. Smoke vents must meet criteria in the following six areas: **determination of aerodynamic free area; reliability; opening under load; low ambient temperature; wind load; and heat exposure.**

For more about these regulations and what they mean for you, see the legislation section on our website www.whitesales.co.uk.



Call us on 01483 271371 or email sales@whitesales.co.uk for more information

Smoke Vents



Smoke Vent Residential and Commercial

Em-Vent 160° smoke vents exhaust smoke and heat from protected stairwells and corridors in residential apartments, hotels, shops and offices. In the event of fire, they help to keep key escape routes accessible with minimal smoke build-up. Combined with Em-Dome skylights, they help to maximise natural light levels.

Em-Vent smoke ventilators are available in polycarbonate glazing, which facilitates amplified levels of daylight, or solid cover. Units come in a wide range of stock sizes appropriate for various site dimensions.

Features

- Fully certified to CE EN12101-2
- Compliant with Building Regulation ADB and ADL
- Open to 160° within 60 seconds
- Can incorporate roof access facility
- Provide natural comfort ventilation
- Impact resistant to CE EN1873 1200 joules and are therefore certified non-fragile
- Available with a glazed or solid insulated cover
- Wide range of sizes available with PVC Em-Curbs or direct to builder's upstand

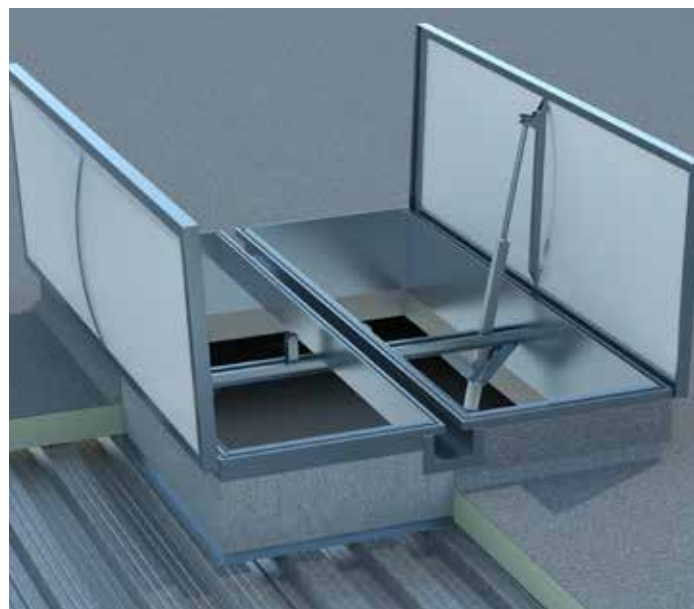
Features

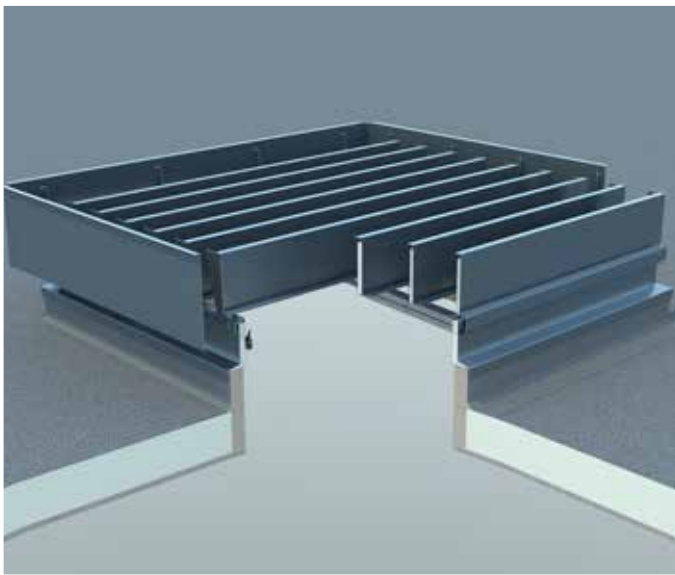
- Fully certified to CE EN12101-2
- Compliant with Building Regulation ADB and ADL
- Available with glazed or solid insulated lid
- Can incorporate roof access facility
- Provide natural comfort ventilation
- Impact resistant to CE EN1873 1200 joules and are therefore certified non-fragile
- Supplied to site fully assembled ready to install
- Accessories include Em-Vent control panels, wind deflectors and fall arrest grids

Smoke Vent Industrial

Single and double leaf electrically operated smoke vents for the exhaust of smoke and heat from industrial buildings in the event of fire.

The Em-Vent control panel can be installed to operate as a simple centralised 'stand alone' system or a large decentralised or 'networked' system. Accessories such as smoke detectors, break glass and switches are also available.





Smoke Vent Louvre and Air Supply

Louvre smoke vents exhaust heat and smoke during fire and are particularly suited to locations exposed to high wind loads, and in areas requiring high security.

Louvre air supply vents are generally installed in external walls, providing inlet air to replace air exhausted by the smoke vents.



Louvre Turrets and Grilles

Louvre turrets and grilles provide air inlet and exhaust ventilation. Without air inlet, the atmosphere in the building may depressurise and the smoke vent system will be less effective.

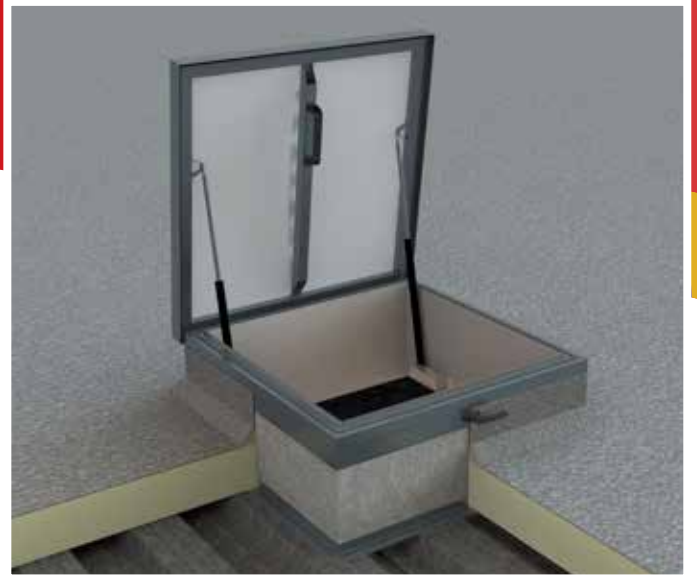
Louvres are available as either permanent ventilation or controllable ventilation with electronically controlled dampers.

Features

- Fully certified to CE EN12101-2
- Compliant with Building Regulation ADB & ADL
- Available in a wide range of sizes
- Available with polycarbonate glazing or solid blades
- High security
- Impact resistant to EN1873 1200 joules
- Mill finish aluminium or polyester powder to a standard RAL colour
- Excellent resistance to wind load



Access Hatches



Access Hatch Residential and Commercial

Em-Hatch roof access hatches provide safe access to and from roof areas and are particularly suited to apartments and commercial property. They can also be combined with smoke ventilation systems.

Available with either external or internal locking, Em-Hatches can incorporate electric, manual or assisted opening mechanisms. They can be supplied with the Em-Dome glazed rooflight, bringing the added benefit of natural daylight into the building.

The Em-Hatch is available in either polycarbonate, glass or solid cover. Glass can be either hinged or sliding.



Access Hatch Industrial

Roof access hatches provide safe access to and from roof areas and are particularly suited to larger industrial property. Larger sizes are available to facilitate the easy moving of equipment.

Accessories for access

Fixed or concertina ladders provide safe and regular access to roofs, and offer a secondary means of escape in the event of a fire or other emergency. For extra support, optional extras include telescopic hand rails and guard rails.



About Whitesales

Whitesales has over 20 years' experience in the manufacture and distribution of high-quality rooflights and accessories throughout the UK.

Our expert team has the necessary knowledge and experience of industry regulations to ensure that every solution is fully compliant.

Our wide range of speciality products are tested to the highest standards and are suitable for use with most flat roof systems.

Expert technical advice

For advice and support, please don't hesitate to contact the Whitesales Customer Service Team who will be happy to help with specification writing, site surveys, condition reports, budget costings and fully detailed quotations.



Whitesales®
Rooflights & more...

Whitesales Europa House Alfold Road Cranleigh GU6 8NQ

Tel 01483 271371 Fax 01483 271771 E-mail sales@whitesales.co.uk www.whitesales.co.uk

May 2014