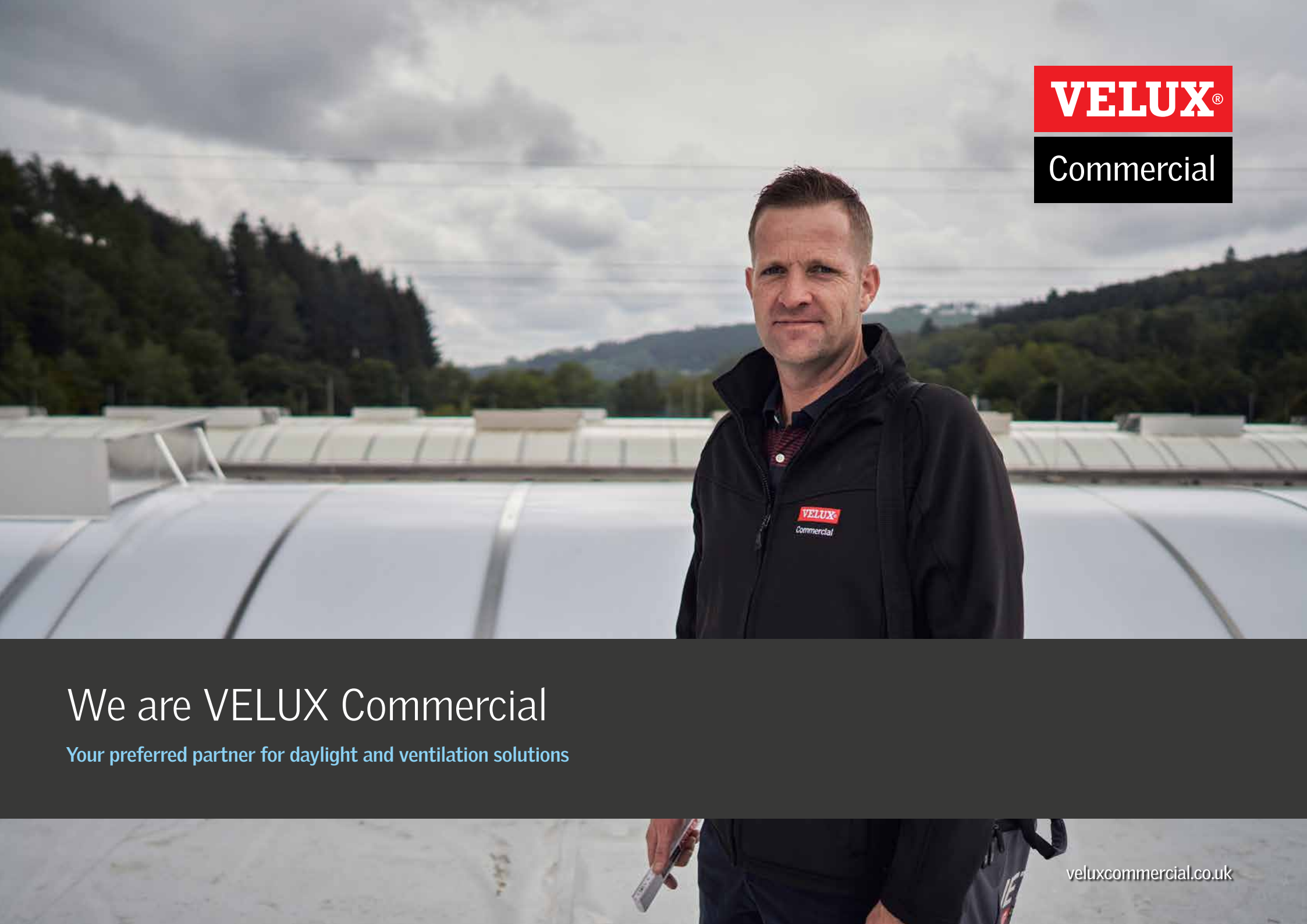




**VELUX®**

Commercial

We are VELUX Commercial

Your preferred partner for daylight and ventilation solutions

[veluxcommercial.co.uk](https://veluxcommercial.co.uk)



## The importance of daylight and ventilation

While **good health is recognised as the main contributor to the enjoyment** of a happy life, one significant part of it is sometimes ignored. The **importance of daylight and fresh air within our working, shopping and learning environments** cannot be over-estimated.

If **we design buildings with daylight and fresh air**, it's well within our ability to create spaces **that are good for both people and the planet**.

VELUX Commercial designs and manufactures daylight and ventilation solutions for industrial, commercial and public buildings, and our solutions will bring daylight and fresh air, along with smoke and heat exhaust ventilation, through any roof and into any type of building.

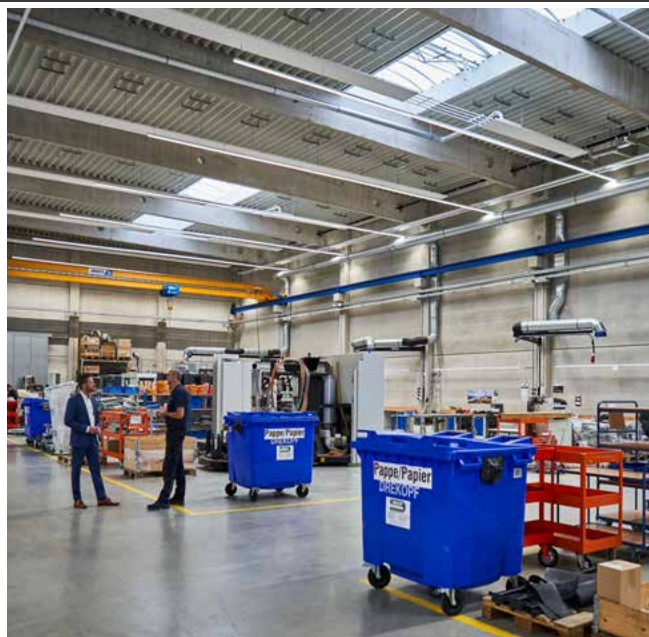


“ The people who design, operate and maintain our buildings have a bigger impact on our health than our doctors.

Joseph Allen, Professor, Harvard University



VELUX acquired JET Group and Vitral in 2018 and established the VELUX Commercial division in the beginning of 2019.



## Daylight and ventilation solutions for working, learning and shopping

Today, **we spend up to 90% of our time indoors** – in our homes – but also inside industrial, commercial or public buildings, places where we work, learn or shop.

**Daylight and fresh air** are key design choices, which can **increase building users' productivity by 15%** and **reduce the building's energy consumption by 20%**. In addition, skylights play a major role in keeping the building and its occupants **safe by removing toxic smoke** in case of fire.

Still, many buildings don't have skylights, or they are not fully used. Skylights are highly regulated in terms of daylight, smoke and heat exhaust, and natural ventilation. They are installed at height, not easily accessible, and exposed to harsh environments.

Decision makers might assume that designing and constructing with daylight and fresh air is too complicated or that budget doesn't allow it – even though feasible solutions exist.





## Our promise

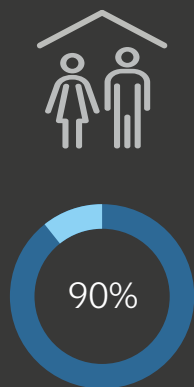
VELUX Commercial aims to be **your preferred partner for skylights and smoke and heat exhaust ventilation solutions in commercial buildings.**

Our team of daylight and ventilation experts will carefully listen to your specific needs and **help you select the best and safest possible solution, make sure its properly installed, well-functioning and maintained.**

As part of the VELUX Group, we lean on the daylight and ventilation expertise built up over the last 80 years. We offer **domes and flat roof windows, continuous rooflights and glass systems** in all shapes and designs with smoke, heat and comfort ventilation. We offer **safety on the roof** and in the solutions.

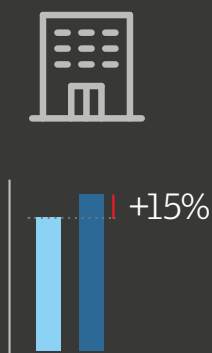
People spend about 90% of their time indoors.

(Source: World Health Organization 2014)



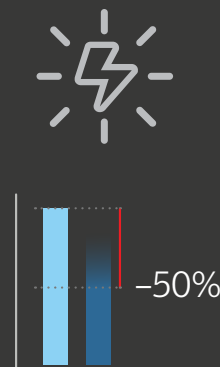
Good indoor climate with daylight and fresh air can improve office productivity by 15%.

(Source: World Green Building Council 2013)



Electric lighting accounts for 19% of global electricity consumption. Electricity consumption for lighting in a commercial building could be halved using daylight.

(Source: International Energy Agency SHC Task 61)



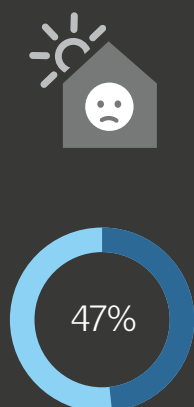
Approved smoke and heat exhaust ventilation systems are an essential part of any modern fire protection strategy.

(Source: CE classifications according to EN Standard)



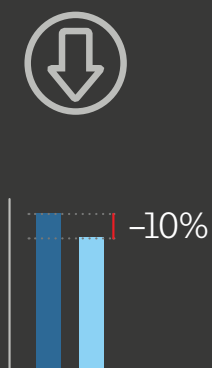
47% of office workers have no natural light in their working environment.

(Source: Human Spaces 2015)



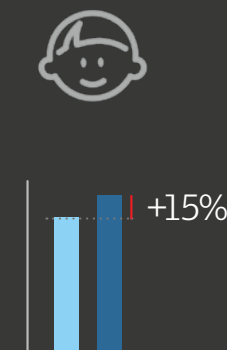
Too high or too low temperature in a building can decrease employee performance by up to 10%.

(Source: Seppänen, O., W.J. Fisk, and Q.H. Lei 2006)



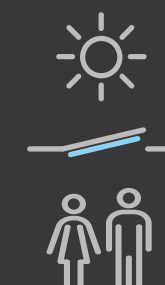
Learning abilities of children increase by up to 15% in good indoor climates.

(Source: Fraunhofer – Schools in Europe 2015)



Daylight and comfort ventilation together with heat control, to prevent glare and block the heat from the sun, offer unique possibilities to create healthy, comfortable and productive indoor spaces.

(Source: Healthy Home Barometer 2016-19)

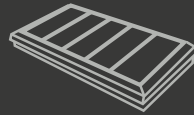


## Your preferred partner throughout the entire building process



### Consultancy and specification

We help get the building process started. Our building consultants stand ready to specify the project. We offer expert guidance even before the project gets approved.



### We have the widest offering on the market

We offer domes and flat roof windows, continuous rooflights and glass systems in all shapes and designs, with smoke and heat exhaust ventilation and comfort ventilation.



### User guidance

To maximise performance output we offer training on the different components.



### BIM objects

CAD and BIM software models and objects for Virtual Design Construction (VDC) are available for most products and are updated with CAD on a regular basis.



### Production, testing and delivery

We manufacture, we test and we document in accordance to EN standards and then we deliver your solutions to site when you need them.



### Product service

Should the system require professional support, our technicians will offer full system-service and maintenance of the rooflight and smoke exhaust solutions.



### VELUX Daylight Visualizer

A professional simulation tool that offers precise and visually convincing daylight analysis of any given rooflight installation where products are available in 3D CAD.



### On-site support

Consulting on projects, progress and critical issues. Training and instruction for installers on construction sites.



### Smoke and heat exhaust ventilation maintenance

Service to plan, install, commission and conduct regular legal maintenance of smoke and heat exhaust ventilation systems.



### Technical documentation

To support an easy specification, flawless documentation and a fast installation. Download brochures, technical handbooks, product sheets, manuals and installation documents.



### Installation

We manufacture, supply and install the solution. We guarantee both product and installation.

\* Available for most of our products in most of the markets we operate in.



### Glass construction maintenance

Regular maintenance and care of glass construction prevents water penetration and damage to the building.

SPECIFICATION (PRE-CONSTRUCTION)

PRODUCTION AND CONSTRUCTION

SERVICE AND MAINTENANCE

# VELUX Commercial global product platform

## **Domes and flat roof windows**

Our complete range of prefabricated, ready-to-install domes and flat roof windows provide single sources of daylight and fresh air as well as smoke and heat exhaust ventilation.

## **Continuous rooflights**

Our economic continuous rooflight systems provide large areas of natural, diffused light as well as comfort and certified smoke and heat exhaust ventilation options in a lightweight construction.

## **Glass systems**

Our reliable glass systems with design flexibility enable you to produce a building with optimal daylight and fresh air as well as smoke and heat exhaust ventilation to support occupant wellbeing.

## **Smoke exhaust and comfort ventilation**

Our solutions for smoke and heat exhaust ventilation, comfort ventilation and daylight and heat control ensure safety and occupant wellbeing.

## **Service and maintenance**

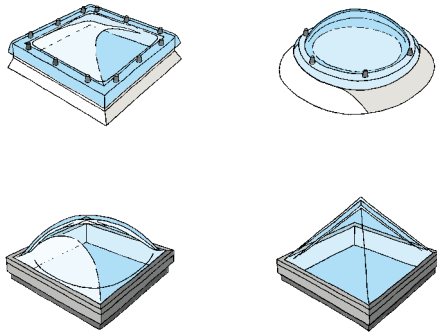
24h service and regular maintenance of smoke and heat exhaust ventilation and comfort ventilation systems and glass constructions.



## Domes and flat roof windows

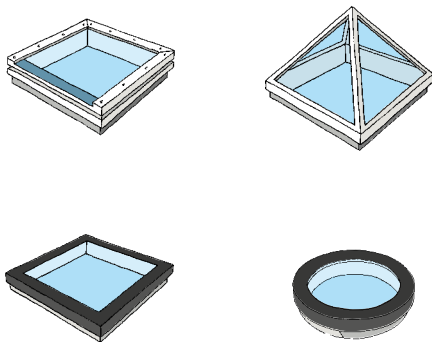
### Domes

Lightweight solutions in different shapes that provide daylight, comfort ventilation and certified smoke and heat exhaust ventilation.



### Flat roof windows

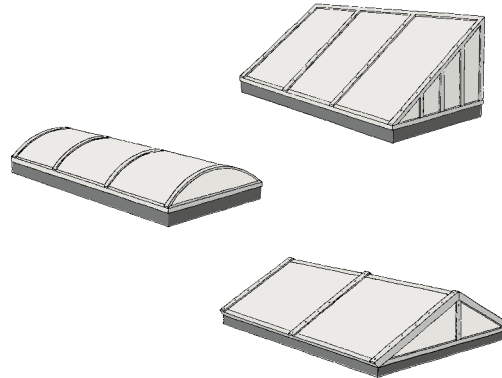
Made-to-measure, aesthetic, durable, double or triple glazed solutions that provide daylight, comfort ventilation and sound insulation.



## Continuous rooflights

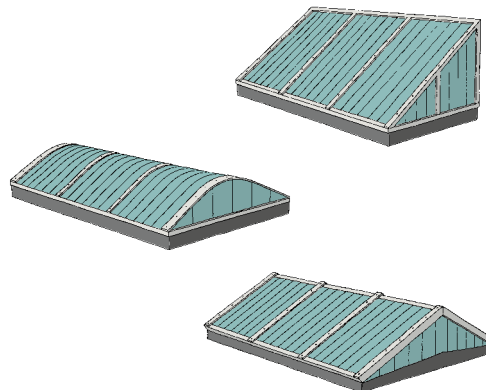
### Polycarbonate

Lightweight prefabricated systems with multiple configuration possibilities that provide diffused natural light and certified smoke and heat exhaust ventilation.



### GRILLODUR®

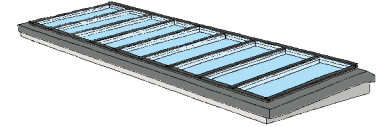
Prefabricated, semi-transparent fibreglass panels with excellent mechanical properties and high chemical resistance providing glare-free daylight and certified smoke and heat exhaust ventilation.



## Glass systems

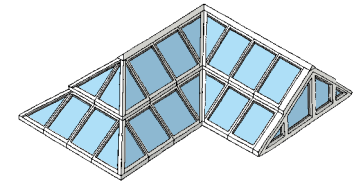
### Modular Skylights

Complete pre-engineered modular design system with optional blinds. Easy specification, predictable performance and quick installation time on site means complete efficiency throughout the entire building project.



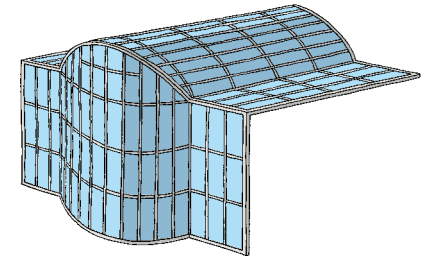
### Glazing Panels

Prefabricated panels with slim profiles for aesthetically pleasing, elegant design. Design freedom with corner solutions as gable, hip and valley.



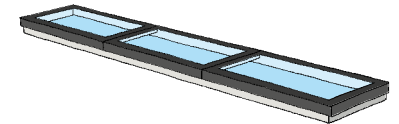
### Stick System

Stick-glazing systems assembled onsite providing made-to-measure solutions with almost unlimited design flexibility for the entire building envelope.



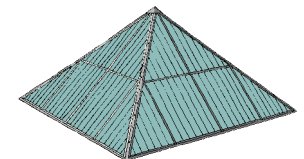
### Modular Rooflights – Linearlight

Aesthetic modules on upstand to be combined with connector beam to create long rows of daylight. Design offers short and wide modules.



### GRILLODUR®

Impact resistant fibreglass panels for diffuse daylight in a lightweight construction, with flexible design for the entire building envelope.



## Smoke exhaust and comfort ventilation

### Certified Smoke and heat exhaust ventilation

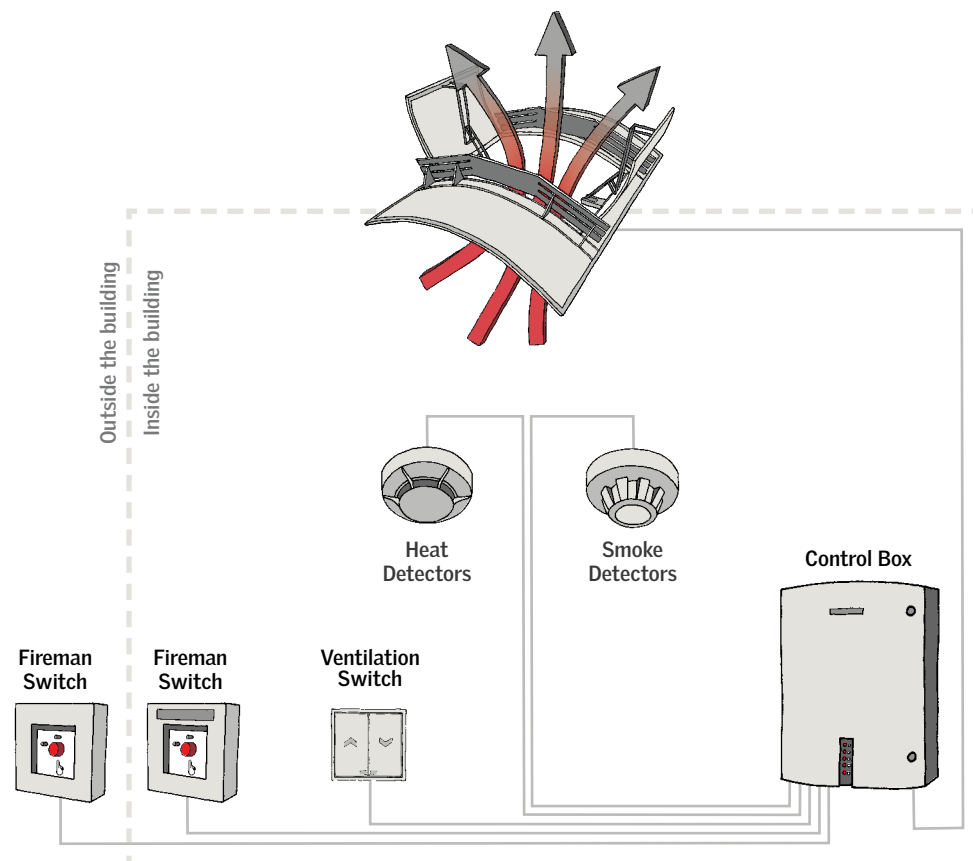
#### The certified modules

End-to-end support offered for certified smoke and heat exhaust ventilation systems in compliance with local regulations that also allow comfort ventilation and daylight.

#### The certified system

The certified system behind the solution. Control Boxes, Smoke Detectors, Heat Detectors, Fireman Switches.

Smoke and heat exhaust ventilation



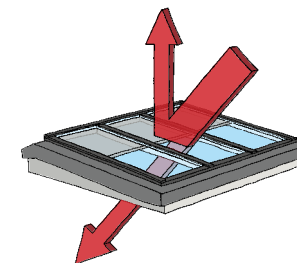
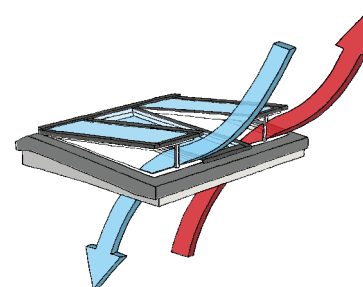
### Ventilation and heat control

#### Comfort ventilation

Solutions for optimised indoor climate with fresh air for daily comfort and well-being.

#### Daylight and heat control

Solutions for control of daylight, heat and glare for daily comfort.



## Service and maintenance

### User guidance and product service

To maximise performance output, we offer training on the different components. Should the system require professional support our technicians will offer a full system service and maintenance of the rooflight and smoke exhaust solutions.

### Smoke and heat exhaust ventilation maintenance

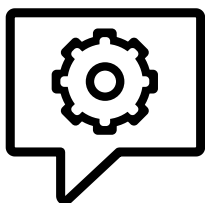
Smoke and heat exhaust systems are safety systems which require regular maintenance by law **to ensure correct functioning of the system and to protect human lives and property values.** Our service and maintenance teams offer both the regular, legal maintenance and ad hoc maintenance of all pneumatic, electrical and pyrotechnical smoke and heat exhaust ventilation systems.

To enable free movement and safety on the roof we provide a comprehensive range of equipment to ensure a safe working environment.

### Glass construction maintenance

**Regular maintenance and care of glass construction prevents water penetration and damage to the building.** Our qualified personnel will clean the water drainage by removing the accumulated dirt, ensure correct water drainage, check all screw fittings, assess and examine glass panels, seals and sealants and carry out any other necessary construction care actions.

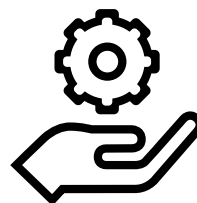
User guidance and product service



Smoke and heat exhaust ventilation maintenance

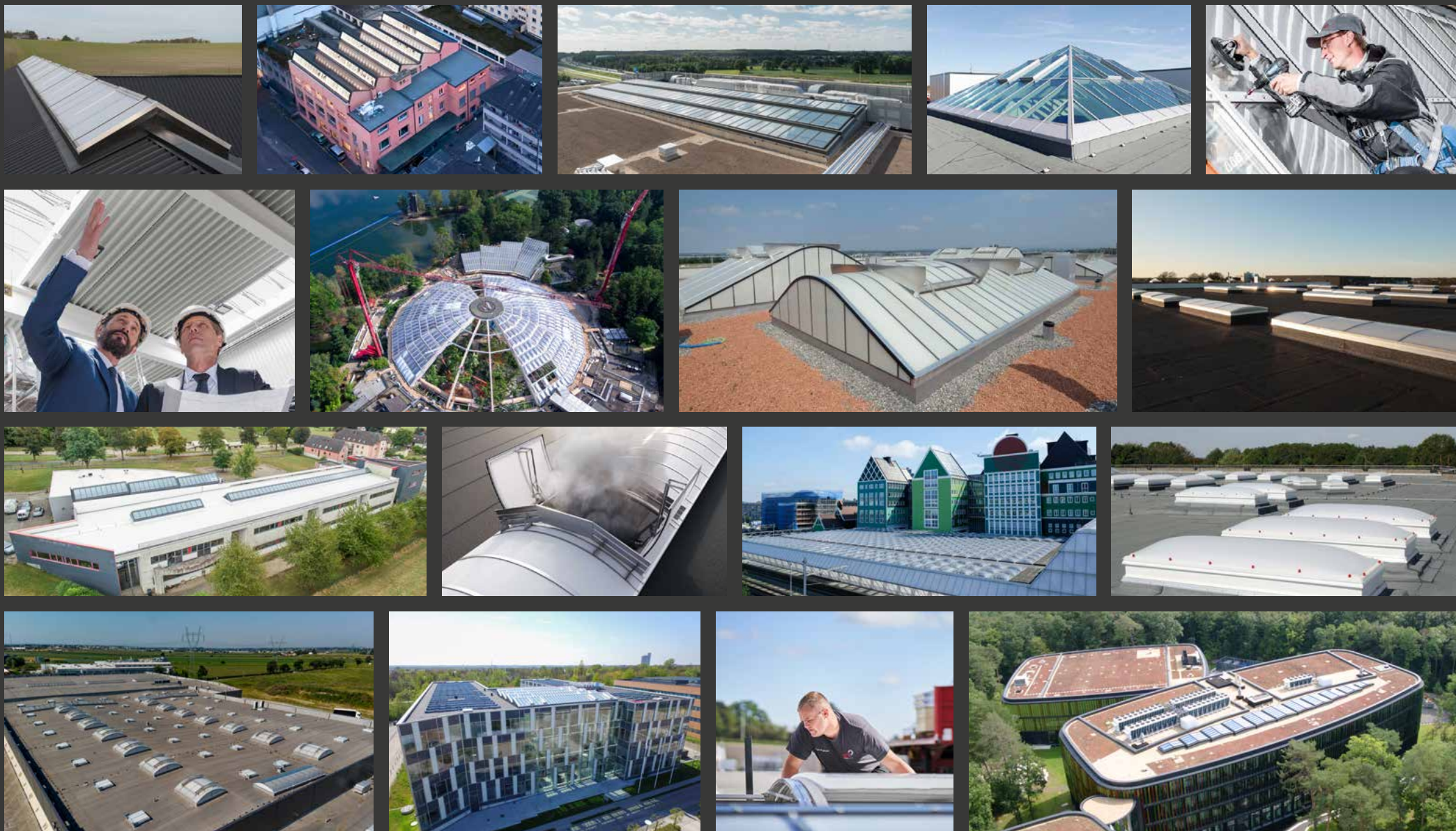


Glass construction maintenance



Service & maintenance

## What we offer



**VELUX®**

Commercial

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