

# BAUDER EUROGLAZE ROOFLIGHTS

The Bauder Euroglaze rooflight range represents the next generation of rooflight design, featuring many product innovations. The unique suite of interchangeable UPVC extrusions are designed to ensure both splayed and vertical kerbs are available to suit a precise height, enabling the kerb to be fixed direct to the roof

deck no matter what thickness of insulation is used. The Euroglaze is made to order and the size can therefore be tailor made to fit any roof aperture. Many ventilation and glazing options are available to meet the demands of any particular project.



## Bauder Euroglaze

Each project is measured and the rooflights fitted to suit the aperture size with dimensions between 600 x 600 mm up to 2400 x 1200 mm. Circular units with thermally broken metal upstands are also available up to 1800 mm diameter.

## Glazing

The triple skinned polycarbonate, dome or pyramid profiled glazing can be supplied either completely clear, or with a diffused inner skin.

Flat double glazed toughened glass is also an option.

## Fire Performance

Fire performance classifications of Bauder Euroglaze are as follows:

- BS476 Part 7 – Class 1
- Building Regulation classification - TPa.

## Impact Resistance

Polycarbonate rooflights achieve Class B rating to ACR[M]001:2014, Glass options are available with a Class 2 "deemed to satisfy" specification in accordance with CWCT TN92.

## Upstand

Bauder Euroglaze is supplied with an integral UPVC upstand in brilliant white. The upstand profile is dependent on the particular application and rooflight specification.

## Security Frame

Euroglaze features a brilliant white metal security frame to conceal all glazing fixings, thereby improving the security of the rooflight unit.

## Ventilation Options

Euroglaze is supplied as standard with closable "hit and miss" vents in two sides, but additional vents can be supplied if required. Rota vents are an available option.

Hinged, wormgear opening rooflights and units with a power fan incorporated into the glazing are also available.

## Access Hatches

Bauder Euroglaze Access Hatches are available for applications where both daylight and access to the roof is required.

## Thermal Performance

Bauder Euroglaze with its integral kerb and triple skin polycarbonate glazing achieves Ud Values as low as 1.6W/m<sup>2</sup>K.

## Lightning Protection

Bauder Euroglaze should be linked into any lightning protection systems that may present on the roof in accordance with requirements of BSEN62305.

## Guarantee

For peace of mind, Bauder Euroglaze is guaranteed for the same duration as the Bauder Roof System that it is incorporated into.

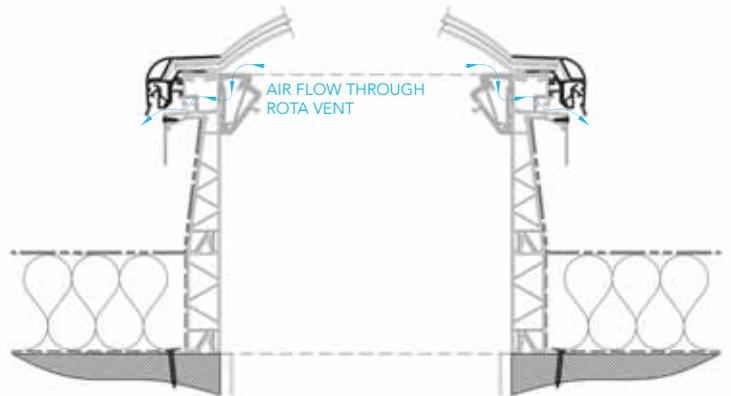
**Euroglaze rooflights can be made to fit any roof opening size.**

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## Example Configuration



Wormgear opening rooflight with splayed upstand



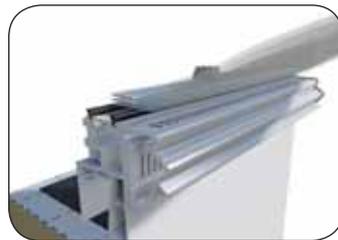
Section through rooflight with rota vent and vertical upstand

## Ventilation



### Hit and Miss Vent

Provides minimal background ventilation and is controlled by means of a small sliding shutter over slots in the kerb wall protected by the weather edge.



### Rota

Unique all UPVC 'hopper' ventilator directs the airflow upward to reduce the risk of condensation forming on the glazing as well as preventing down draughts. The vent openings are fully protected reducing the risk of moisture, wind blown debris or grit entering the building.



### Opening Rooflight (Manually Operated Wormgear)

The whole rooflight top hinges open on a continuous co-extruded UPVC hinge to allow large areas of ventilation through the open area.



### Opening Rooflight (Electrically Operated Chain Drive Motor)

230 or 240 volt motor drives the unit open to provide large areas of ventilation through the opening.

# BAUDER

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## SPECIFICATION SUPPORT



### TECHNICAL DOWNLOADS

[www.bauder.co.uk/technical-centre](http://www.bauder.co.uk/technical-centre)



### TECHNICAL HELPLINE

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