



# FLAT ROOF SKYLIGHTS

Discover the elegance and functionality of our Flat Roof Skylights. With a sleek design and versatile nature, these windows are perfect for modern architectural styles. Featuring an impressive U Value of 0.9 W/m<sup>2</sup>K and a G Value of 58%, they are engineered to provide abundant natural light while seamlessly blending into your space's design.

## BENEFITS:

- Triple Glazed
- Innovative Design
- Energy Efficient
- Durable and Resistant
- Self-cleaning Glass
- Nationwide Delivery
- More than 38 sizes in stock
- Manufactured in EU

## GLASS PERFORMANCE:

### Safety properties

Resistance to fire - EN 13501-2 NPD

Reaction to fire - EN 13501-1 NPD

Bullet resistance - EN 1063 NPD

Burglar resistance - EN 356 P2A

Pendulum body impact resistance - EN 12600 1C2 / 1C3 / 1B1

Explosion resistance - EN 13541 NPD

### Energy properties - EN 410

Total solar energy transmittance : g [%] 57

External energy reflection : pe [%] 27

Internal energy reflection : pei [%] 24

Direct energy transmission : te [%] 45

Energy absorption glass 1 : ae1 [%] 10

Energy absorption glass 2 : ae2 [%] 6

Energy absorption glass 3 : ae3 [%] 12

Total energy absorption : ae [%] 28

Shading coefficient : SC 0.66

UV transmission : tuv [%] 0

Selectivity 1.26

### Thermal properties - EN 673

Thermal transmittance  
(vertical glazing) : U value  
[W/(m<sup>2</sup>.K)] 0.9

### Acoustic properties

Direct airborne sound  
reduction - EN 12758 : Rw  
(C;Ctr) [dB] 1 39 (-2;-7)

### Light properties - EN 410

Light transmittance : tv [%] 72

External light reflection : pv [%] 17

Internal light reflection : pvi [%] 17

Colour rendering index : Ra [%] 97

### Thickness and weight

Nominal thickness : [mm] 50.8

Weight : [kg/m<sup>2</sup>] 46