

Flat Roof Skylights

At Skylights.co.uk, our Flat Roof Skylights combine sleek design with superior performance. Crafted for modern living, they offer outstanding thermal efficiency (U-Value $0.9 \text{ W/m}^2\text{K}$, G-Value 58%) while flooding your home with natural daylight and timeless elegance.



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

Light properties - EN 410

Light transmittance : τ_v [%] 72

External light reflection : p_v [%] 17

Internal light reflection : p_{vi} [%] 17

Colour rendering index : R_a [%] 97

Thermal properties - EN 673

Thermal transmittance (vertical glazing) : U value [$\text{W}/(\text{m}^2\cdot\text{K})$] 0.9

Acoustic properties

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

Thickness and weight

Nominal thickness : [mm] 50.8

Weight : [kg/m^2] 46

Benefits:

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

Energy properties - EN 410

Total solar energy transmittance : g [%] 57

External energy reflection : p_e [%] 27

Internal energy reflection : p_{ei} [%] 24

Direct energy transmission : τ_e [%] 45

Energy absorption glass 1 : α_{e1} [%] 10

Energy absorption glass 2 : α_{e2} [%] 6

Energy absorption glass 3 : α_{e3} [%] 12

Total energy absorption : α_e [%] 28

Shading coefficient : SC 0.66

UV transmission : τ_{uv} [%] 0

Selectivity 1.26

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