

Light + Air
International



plus glass pyramid Data sheet

Genuine glass for your office and
administration buildings



Daylighting Solutions
Natural Ventilation Solutions
Smoke Management Solutions
Service & Maintenance
Building Automation



Application

The pyramid shape of this skylight meets the most sophisticated design requirements. The plus glass pyramid is particularly effective in reception areas, canteens or meeting rooms. Its outstanding light and thermal transmission performance makes it a real highlight.

Application areas

- office and administration buildings
- schools and kindergartens
- new builds, energy-optimising renovations and repairs

Material

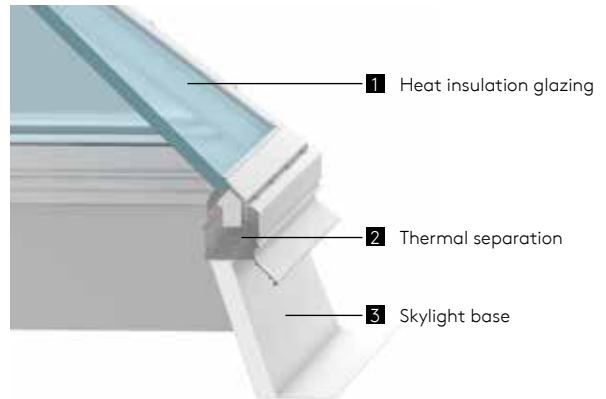
- heat insulation glazing as laminated safety glass (LSG)
- aluminium thermally separated border frame
- GFK skylight base
- powder-coated aluminium extrusion moulded profile (standard RAL 9016)

Features and benefits

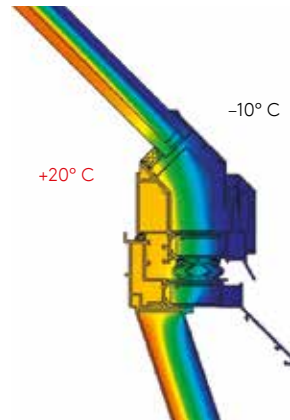
- pyramid shape for a sophisticated design
- reduction in heating costs due to optimised overall design with respect to thermal bridges and high-quality heat insulation glazing
- joint sealing tested in accordance with EN 12208
- ball impact resistance in accordance with EN 18032-3
- ventilation option
- supplied as complete system with 30 cm GFK skylight base



plus glass pyramid open



Cross-section of plus glass pyramid



plus glass pyramid isothermal diagram

- 1 Double heat insulation glazing
- 2 Thermally separated aluminium profile
- 3 GFK skylight base with heat insulation

Technical specifications

| Technical specifications | plus glass pyramid with double heat insulation glazing ¹⁾ |
|---------------------------------------|--|
| U _i value | 1.1 W/(m ² K) ³⁾ |
| Light transmission | 77 % |
| g value | 60 % |
| Soundproofing quality R _{wP} | ≥ 38 dB ³⁾ |

| Size L x W [cm] | Mass 2) [kg] Including skylight base and chain drive | Ventilation drive |
|-----------------|---|--|
| 100 x 100 | approx. 110 | Single drive |
| 120 x 120 | approx. 144 | |
| 150 x 150 | approx. 178 | |
| 180 x 180 | approx. 237 | |
| 200 x 200 | approx. 286 | Drive with integral synchronized control |

Other dimensions available on request

¹⁾ These product variants are categorised as "energy-efficient"

²⁾ With 300 / 500 mm stroke

³⁾ Manufacturer's specification, glazing

INTERNATIONAL

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