

# GRILLODUR® pyramid

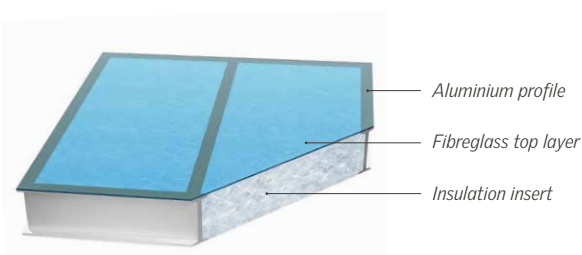
**VELUX®**
**Commercial**


Glare-free illumination in a square

## GRILLODUR® pyramid

- dimension up to 4,000 x 4,000 mm
- standard inclination: 45°
- homogeneous room illumination due to glare- and shadow-free light
- flexible design thanks to different standard colours
- low tare weight (10 kg/m<sup>2</sup>)
- extreme hail protection, shatter-resistance test according to ASTM D 3841-82, point 7.10
- integrated smoke and heat exhaust approved according to DIN EN 12101-2

The GRILLODUR® pyramid consists of 70 mm thick multi-ply fibreglass panels. These panels are made up of at least two semi-transparent fibreglass sheets, which are applied to an aluminium-frame construction by the use of a special bonding method. GRILLODUR® pyramids are versatile and can be upgraded to become multifunctional by the use of additional ventilation and SHEV flaps.



GRILLODUR® panel construction

## Show your colours

With various colouring of the fibreglass sheets you can design your individual GRILLODUR® pyramid. The daylight system GRILLODUR® owes its natural blue colour to the in the material coloured fibreglass sheets. In this case it is a pigmented colouring of the material already during the early production stage. This complex procedure ensures an extremely durable colour resistance.

## GRILLODUR® colour options



White

transparent (WT)

Natural

transparent (NT)

Blue

transparent (BT)

Grey

transparent (GT)

**Note:** More colours on request

## Technical data GRILLODUR®

Colours	White	Natural	Blue
Light transmission approximate	11–76%		
Total energy transmission approximate	21–62%		
U-value of the glazing	0.8–2.7 W/m <sup>2</sup> K U-value of the glazing: Nominal value of the thermal transmission coefficient of the GRILLODUR® panels in undisturbed area.		
Sound insulation	24–36 dB according to DIN EN ISO 140-3 and DIN EN ISO 717-1		
Reaction to fire	Building material class B2 according DIN 4102, in case of fire non-flammable and without burning droplets or melting		
Chemical resistance	Kerosine, cooling liquid and lubricant stable (and others)		