

# GRILLODUR®

## special constructions

**VELUX®**
**Commercial**


### Special constructions with GRILLODUR®

#### GRILLODUR® special constructions

- free choice of geometry
- unique fibreglass construction with excellent thermal insulation properties
- high mechanical load capacity
- 4 standard colours + other colours on request
- homogeneous room illumination due to glare- and shadow-free light
- low tare weight (10 kg/m<sup>2</sup>)
- U-value glazing up to 0.8 W/m<sup>2</sup>K
- total energy transmission up to 21%
- sound insulation:  $R_w$  up to 36 dB
- integrated smoke and heat exhaust approved according to DIN EN 12101-2
- range of design options for a variety of shapes and geometries

It doesn't matter how unusual your requirements are, with the special constructions from GRILLODUR® nearly all imaginable variants of construction are available.

GRILLODUR® consists of two semi-transparent fibreglass panels with an insulating insert. The fibreglass panels are attached to the inside and outside of a self-supporting aluminium frame system.

Due to their low weight, GRILLODUR® constructions are ideally suited for renovation projects and are an attractive alternative to glass systems.

Our engineering-department will provide you with help and advice. With various aluminium profiles there are no limits to your creativity. If as true to size adaptive element or as complete solution – we help you to realize your project so that you have enduring pleasure with your unique construction.



*Vocational College Kunibert, NRW – Germany*



*Roofing of a sports tribune with GRILLODUR®*

