The top-selling continuous rooflight system for new buildings

NEW European Technical Approval (ETA)

JET-VARIO-NORM

Threefold benefit:
- Light: room illumination with daylight
- Air: ventilation and exhaust, fresh air in the workplace
- Natural smoke exhaust: fire prevention

With optional accessories for fall-through protection:
- E.g. JET-LB-DSL: permanent and collective fall-through protection acc. to GS-BAU 18, up to 6.2 m rooflight order width

In many glazing variants:
- Tension-free placement of the glazing

Simple and fast assembling:
- Due to a high industrial prefabrication level

Circumferential on the head piece welded eave profile:
- Reliable drainage
- Very good appearance

SHEV and ventilation system:
- Optimal SHEV and/or ventilation flap system for every continuous rooflight order width
- Melting out and therefore permitted as heat exhaust surface according to DIN 18230

NEW: European Technical Approval (ETA)
- Construction tested and approved by all European building authorities
- Legally secure proof of placing on the market throughout Europe

1.20 up to 11.34 m continuous rooflight order width and a 1/6 rise of the continuous rooflight width, precision finished, continuous rooflight length as desired

JET-VARIO-NORM continuous rooflight with smoke exhaust flap system VARIO-FIREJET® 130 J

JET-VARIO-NORM continuous rooflight with daylight, optimal room illumination and energy cost conservation
The most important technical information

TECHNICAL DATA

| Dimensions | Order width from 120 up to 1134 cm  
|            | order length: no limitation |
| Material   | Polycarbonate multi-wall sheets,  
|            | opal/clear |
| Light transmission | Between 80 and 15% depending  
|            | on materials and colouring |
| U-value of the glazing | 2.57 up to 1.16 W/m²K  
|            | (see table with glazing variants) |
| Reaction to fire (depending on the glazing) | B-s1,d0 (low flammability)  
|            | B-s2,d0 (low flammability)  
|            | E (normal flammability)  
|            | Optional resistance against flying sparks and  
|            | radiating heat (acc. to DIN 4102,  
|            | Part 7 or DIN EN 13501-5)  
|            | Hard roofing (acc. to DIN 4102, Part 7):  
|            | Bmax (T1) acc. to DIN EN 13501-5  

| European Technical Estimation(ETA) | ETA-16/0710 |
| Smoke and heat exhaust | Tested according to DIN EN 12101-2 |
| Surface weight | 0.12 kN/m² |
| Profile configuration | Border and connection profiles made of aluminium |
| Opening devices | Electric- or spindle opener, pneumatic cylinder and special smoke and heat exhaust devices for fire prevention |
| Ventilation possibilities | Forced ventilation and exhaust by fans, ventilation by the use of ventilation flaps and surface ventilators |
| Kerb systems for attaching the continuous rooftop | Several kerb systems, also with roof sheeting connection system, are available according to project needs and roof construction. Solution by customer optional. |

Customised daylight through the roof level
☉ Better room illumination than through side windows
☉ Accurate dimensioning possible

Rules of thumb for dimensioning:
☉ Rooflight width < half of the height of the hall
☉ Distance between the rooflights from each other: at least twice of the rooflight width
☉ 1/6 of the floor area as light area in the roof can be taken into account for rough planning

Upon request we will perform a standardized light calculation for your project.

Customised daylight through the roof level for example: JET-VARIO-NORM continuous rooflights

Uniform room illumination by the use of rooflight elements
Secure connection technology with the JET-kerb systems\(^1\) or customer solutions

In case of JET-continuous rooflight kerbs please give us the clear dimensions. In case of kerbs provided by the customer resp. upturns please inform us about clear opening and exterior dimensions and dimension “x” (bearing width)! Please request special detailed drawings of aluminium profile constructions, bearings and glazing alternatives.

Note: 1) refers separate product information

JET-Kerb system S, G, K and T

JET-Continuous rooflight kerbs\(^1\)

![Diagram of JET-Continuous rooflight kerbs](image)

JET-VARIO-NORM – the continuous rooflight with system

fix rooflight

rooflight with full flap (for ventilation and SHEV)

rooflight with full flap (illustration with SHEV device and wind baffles)

rooflight with side flap (for ventilation and SHEV)

rooflight with beam flap (for ventilation and SHEV)

rooflight with crown flap (for ventilation and SHEV)

High-performance fans can be built into the front sides of the rooflight.
## TECHNICAL DATA FOR GLAZING VARIANTS

<table>
<thead>
<tr>
<th>Description</th>
<th>Uₚ value of the glazing [W/m²K]</th>
<th>Special features</th>
</tr>
</thead>
<tbody>
<tr>
<td>PC 10/4</td>
<td>2.57</td>
<td>Optional as variant IR control</td>
</tr>
<tr>
<td>PC 16/7</td>
<td>1.82</td>
<td>Optional as variant IR control</td>
</tr>
<tr>
<td>PC 20/7</td>
<td>1.61</td>
<td>Optional as variant IR control green</td>
</tr>
<tr>
<td>PC 16/7 + PC 3</td>
<td>1.58</td>
<td>JET-hail protection: HW 5 in all categories</td>
</tr>
<tr>
<td>PC 10/4 + GFK + PC 10/4</td>
<td>1.54</td>
<td>Hard roofing: Bₘ&lt;sub&gt;roof&lt;/sub&gt; (1)</td>
</tr>
<tr>
<td>PC 10/4 + PC 10/4</td>
<td>1.50</td>
<td>Sound insulation: 27 dB</td>
</tr>
<tr>
<td>PC 10/4 + non-woven fabric + PC 10/4</td>
<td>1.50</td>
<td>Hard roofing: Bₘ&lt;sub&gt;roof&lt;/sub&gt; (1)</td>
</tr>
<tr>
<td>PC 10/4 + PC 10/4 Di</td>
<td>1.31</td>
<td>Melting area according to DIN 18230-1</td>
</tr>
<tr>
<td>PC 10/4 + GFK + PC 10/4 Di</td>
<td>1.20</td>
<td>Hard roofing: Bₘ&lt;sub&gt;roof&lt;/sub&gt; (1)</td>
</tr>
<tr>
<td>PC 10/4 + PC 4/2 + PC 10/4 Di</td>
<td>1.16</td>
<td>Sound insulation: 24 dB</td>
</tr>
</tbody>
</table>