JET-SKYSIGHT overview

- Applicable as fixed or ventilated flat roof daylight system
- Ventilated by high-quality chain thrust motors with 300 or 500 mm lifting height
- Openable, with an opening angle up to 90°, for utilising as a roof exit
- Aluminium surfaces coated in white RAL 9016 or optionally as RAL-coloured according to your choice on request

Glazing variants:
- Heat protection or sun protection-insulation glazing as standard with "warm edge"
- Realization with border frame or as step glazing

Double-insulation glazing:
Glass quality: outside ESG inside LSG
- Heat protection glazing JET-WSG 78/57
  \( U_g = 1.1 \text{ W/m}^2\text{K acc. DIN 673} \)
  light transmission: \( T_L \) approx. 78%  
  energy transmission: \( g \)-value approx. 57%
- Sun protection glazing JET-SSG 66/36
  \( U_g = 1.1 \text{ W/m}^2\text{K acc. DIN 673} \)
  light transmission: \( T_L \) approx. 66%  
  energy transmission: \( g \)-value approx. 36%

Sound insulation: \( R_w = \text{approx. 36 dB} \)

Triple-insulation glazing:
Glass quality: outside ESG inside LSG
- Heat protection glazing JET-WSG 68/48
  \( U_g = 0.6 \text{ W/m}^2\text{K acc. DIN 673} \)
  light transmission: \( T_L \) approx. 68%  
  energy transmission: \( g \)-value approx. 48%
- Sun protection glazing JET-SSG 58/33
  \( U_g = 0.6 \text{ W/m}^2\text{K acc. DIN 673} \)
  light transmission: \( T_L \) approx. 58%  
  energy transmission: \( g \)-value approx. 33%

Sound insulation: \( R_w = \text{approx. 39 dB} \)

NOTE:
Indicated values are related to the glazing. The indicated function values for the glass products and the photometric data correspond to the relevant and actual testing standards with the requested and described testing measurements. Variant sizes and combinations may result in amendments to the results.
PRODUCT RANGE JET-SKYSIGHT

Product benefits

Top-quality product with regard to heat- and sound insulation due to:
- Thermal separated aluminium profiles
- Sound-absorbing heat protection glazing
- High thermally insulated, thermal separation metal upstand (JET-ISO-THERM-AK)
  With $U_{\text{net}} = 0.46 \text{W/m}^2\text{K}$ according to DIN EN ISO 6946 and/or
  With $U_{\text{net}}$ up to 0.63 W/m²K according to EN 1873 (valid for upstand height = 60 cm)
- Highest air tightness (class 4 acc. DIN EN 12207)
- Dimensioning for application according to EnEV 2014 (2016)
- Natural room illumination with optimal light efficiency
- High quality design (can be equipped with chain thrust motor)
- Light, fresh air and look-out in combination with comfortable applications
- Optional ventilation and external shading system, selectively with radio remote control
- Connection to JET-SMARTCONTROL for more comfort
- Optional stepped glass for optimal water run off (standard with roof exit fittings)
- Optional design of the JET-ISOTHERM - AK metal upstand with integrated 7° inclination to support the natural glass cleaning effect
- Fast fitting by the roofing contractor is possible, because the JET-SKYSIGHT will be delivered prefabricated on JET-upstands and packed on a transportable pallet

Fall through protection:
- Permanent fall-through safe with ESG (toughened glass) externally Referenced from DIN 18008-6: 2018-02 (According to Examination Report B 1814123 from the Technical University of Darmstadt)

Installation situation with sufficient roof angle

Installation situation with lower roof incline

Installation situation as roof exit

JET-SKYSIGHT (ventable) with stepped glass, e.g. on JET-ISO-THERM-AK

JET-SKYSIGHT (ventable) with stepped glass, e.g. on JET-ISO-THERM-AK incl. 7° inclination

JET - SKYSIGHT with 24-volt roof exit fitting on JET-ISO-THERM-AK-30-steep

NOTE:

Alternatively the JET-SKYSIGHT can also be combined with GFRP-AK's with heights of 30 and 50 cm as well as various thermal insulation thicknesses. In order to create an increased height, an optional 7°-GFRP adapter is available. The combination of different materials from upstands, adapters and ventilation frames can result in slight colour deviations.

PLEASE CONTACT:

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