

Flat access roof light equipped with the DU6 double chamber highly energy-efficient glazing unit.



Window construction

Window colour	Plastic white colour
Window flashing colour	Black RAL 9005
Number of seals [pcs.]	2
Manual closing (handle model)	Locking handle
Material	Multi-chamber PVC profile
Air inlet	no
Window type	Flat
Walkable window (Walk ON)	No
Roof type	Flat (2° - 15°)
Material	PVC
Construction type	Access hatch

Technical parameters

Heat transfer coefficient Uw [W/m²K]	0.74
Tightness class (air permeability)	Class 4
Load-bearing capacity for safety devices	Threshold value
Snow load resistance	6H-18-4H-18-44.4 / 6H-16-4H-18-55.4
Waterproofness	E1200
Impact resistance	Class 5 - 950 mm
Wind load resistance	Class C5/B5
Reaction to fire	B-s2, d0
Reaction to external fire	B roof t1
Acoustics Rw [dB]	38

Glazing unit parameters

Emissivity	#2 / 0,89#3 / bd#5 / bd
Gas content [%]	90
U _g glass [W/m²K]	0.5
t _v [%]	54
t _{uv} [%]	0.2
g (as per EN 410) [%]	43
Burglary resistance class according to EN356 ext/int.	-/-P1A
Resistance to impact by pendulum according to EN12600 ext/int.	1(C)1 / 1(C)3 / 1(B)1
Weight of 1 m² glass [kg]	54
Thermal transmittance class	insulated

Control

Control method	Manually opened - handle
Solar powered	No
Built-in electric control	no
Remote control	no

Technologies used

PVC corner welding	Standard
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Others

Marking on the spacer	Outside purchase
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Glazing unit structure

Number of chambers	2
Number of panes	3
Window frame type	Warm
Gas type	Argon
Glazing unit structure, direction of glazing from outside-inside	6RH-Tg16Ar-4HT2-Tg18Ar-55.2T3
Package thickness [mm]	55
Outer glass	Toughened
Glazing unit	- glazing unit with toughened external glass; - highly energy-efficient;

Installation

Kit / assembly	Window
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Equipment / appearance

Veneer of internal PVC profiles	White – RAL 9010
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Opening

Opening method

Window construction

Code	Commercial size	Number of handles [pcs.]
80EL05	90x90	1
80EL06	90x120	1
80EL07	100x100	1
80EL08	120x120	1

Detailed dimensions

Code	Commercial size	Window width (S) [mm]	Window height (L) [mm]	Size " light" window frame width (a) [mm]	Size " light" window frame height (b) [mm]	Size " light" window sash (j) width [mm]	Size " light" window sash (k) height [mm]	Size " light" window pallet (p) width [mm]	Size " light" window pallet (q) height
80EL05	90x90	1120	1120	817	817	776	776	858	858
80EL06	90x120	1120	1420	817	1117	776	1076	858	1158
80EL07	100x100	1220	1220	917	917	876	876	958	958

80EL08	120x120	1420	1420	1117	1117	1076	1076	1158	1158
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Equipment / appearance

Code	Commercial size	Minimum roof pitch	Maximum roof pitch
80EL05	90x90	2°	15°
80EL06	90x120	2°	15°
80EL07	100x100	2°	15°
80EL08	120x120	2°	15°

