

Flat access roof light with a transparent dome and equipped with the P2 single chamber energy-efficient anti-burglary glazing unit.



Technical parameters

Heat transfer coefficient Uw [W/m²K]	0.93
Tightness class (air permeability)	Class 4
Snow load resistance	4H-Tg14Ar-33.2T
Waterproofness	Compliant
Reaction to fire	B-s2, d0
Reaction to external fire	B roof t1
Acoustics Rw [dB]	35
Resistance to downward loads	DL 2500
Resistance to upward loads	UL 1500
Impact resistance - small hard body	Compliant
Impact resistance - big soft body	SB1200
Durability	npd

Window construction

Window colour	Plastic white colour
Number of seals [pcs.]	2
Manual closing (handle model)	Locking handle
Material	Multi-chamber PVC profile
Air inlet	no
Window type	with transparent dome
Walkable window (Walk ON)	No
Roof type	Flat (0° - 15°)
Material	PVC

Glazing unit structure

Number of chambers	1
Number of panes	2
Window frame type	Warm
Gas type	Argon
Glazing unit structure, direction of glazing from outside-inside	4H – Tg14Ar – 33.2T3
Package thickness [mm]	25
Outer glass	Toughened
Glazing unit	• anti-burglary;

Glazing unit parameters

Emissivity	#3 / 0,01
Gas content [%]	90
U _g glass [W/m²K]	1.1
t _v [%]	75
t _{uv} [%]	0.3
g (as per EN 410) [%]	52
Burglary resistance class according to EN356 ext/int.	-/P2A
Resistance to impact by pendulum according to EN12600 ext/int.	1(C)3 / 1(B)1
Weight of 1 m² glass [kg]	26

Control

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

Installation

Kit / assembly	Window
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Equipment / appearance

Veneer of internal PVC profiles	White – RAL 9010
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Others

Marking on the spacer	FGP ind.prod. nr.zl. poz.zl. data, godina, CE
Self-cleaning outer glass	Not applicable

Technologies used

PVC corner welding	Standard
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Technical and electric parameters

Solar powered	No
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Window construction

Code	Commercial size	Number of handles [pcs.]
80EK05	90x90	1
80EK06	90x120	1
80EK07	100x100	1
80EK08	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) hei
80EK05	90x90	1120	1120	817	817	776	776	858	858
80EK06	90x120	1120	1420	817	1117	776	1076	858	1158
80EK07	100x100	1220	1220	917	917	876	876	958	958
80EK08	120x120	1420	1420	1117	1117	1076	1076	1158	1158

Equipment / appearance

Code	Commercial size	Minimum roof pitch	Maximum roof pitch
80EK05	90x90	0°	15°
80EK06	90x120	0°	15°
80EK07	100x100	0°	15°
80EK08	120x120	0°	15°

