



Electrically opened flat roof window equipped with the P2 single chamber energy-efficient anti-burglary glazing unit, riveted glass section and factory fitted AMZ/Z Z-Wave awning blind.

Window construction

Window colour	Plastic white colour
Window flashing colour	Black RAL 9005
Number of seals [pcs.]	3
Manual closing (handle model)	no
Material	Multi-chamber PVC profile
Air inlet	no
Window type	Flat
Walkable window (Walk ON)	No
Roof type	Flat (0° - 15°)
Material	PVC

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

Technical parameters

Heat transfer coefficient Uw [W/m²K]	0.95
Tightness class (air permeability)	Class 4
Snow load resistance	4H – Tg14Ar- 33.2T + 4H, 4H – Tg14Ar – 33.2T + 6H
Waterproofness	E1200
Impact resistance	Class 3 - 450 mm
Wind load resistance	Class C5/B5
Reaction to fire	B-s2, d0
Reaction to external fire	B roof t1

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;

Control

Control method	Z-Wave control
Solar powered	No
Built-in electric control	ZWS12
Remote control	no

Others

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

Installation

Kit / assembly	Window
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Equipment / appearance

Veneer of internal PVC profiles	White – RAL 9010
Equipment included in the set	- rain sensor; - electric actuator; - aMZ/Z;

Technologies used

PVC corner welding	Standard
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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
80HP01	60x60	820	820	517	517	476	476	558	558
80HP02	60x90	820	1120	517	817	476	776	558	858
80HP03	70x70	920	920	617	617	576	576	658	658
80HP04	80x80	1020	1020	717	717	676	676	758	758
80HP05	90x90	1120	1120	817	817	776	776	858	858
80HP06	90x120	1120	1420	817	1117	1076	1076	858	1158
80HP07	100x100	1220	1220	917	917	876	876	958	958
80HP08	120x120	1420	1420	1117	1117	1076	1076	1158	1158

Equipment / appearance

Code	Commercial size	Number of actuators	Minimum roof pitch	Maximum roof pitch
80HP01	60x60	1 electric	0°	15°
80HP02	60x90	1 electric	0°	15°
80HP03	70x70	1 electric	0°	15°
80HP04	80x80	1 electric	0°	15°
80HP05	90x90	1 electric	0°	15°
80HP06	90x120	1 electric	0°	15°
80HP07	100x100	1 electric	0°	15°
80HP08	120x120	2 electric	0°	15°

