



DEG P2 ELECTRICALLY OPENED FLAT ROOF WINDOW WITH DOUBLE P2 GLAZING UNIT

I. APPLICATION

Plastic window/skylight with the base intended for flat roofs.

Parameter	Value/Type	Marking
Roof angle	2° - 15°	
Roofing base type	membrane, roofing felt paper, green roofs, gravel roofs	-

IV. TECHNICAL PARAMETERS

Parameter	Unit	Value	Harmonized standard
U _w	[W/m²K]	0,92	EN 14351-1:2006+A2:2016
U _f	[W/m²K]	0,78	
Ψ	[W/mK]	0,030	
R _w	[dB]	36 (-1,-4)	
Wind load resistance		Klasa C5	
Snow load resistance		4H-14-33.2 + 4H 4H-14-33.2 + 6H	
Resistance to fire		npd*	
Resistance to external fire		npd*	
Watertightness Unshielded (A)		E1200	
Impact resistance		Klasa 5 – 950 mm	
Load bearing capacity of safety devices		npd*	EN 1279-5 + A2:2010
Air permeability		Klasa 4	
U _g	[W/m²K]	1,1	
Glazing unit***		4H – Tg14Ar- 33.2T + 4H 4H – Tg14Ar – 33.2T + 6H	

* no performance determined
**depend on window size

V. DECLARATION OF PERFORMANCE

Harmonized standard for the product	Marking	Declaration of Performance No.
EN14351-1:2006 +A2:2016	CE	R82/CPR/14351/xx*

* - declaration's release year, eg. R82/CPR/14351/17 released in 2017

II. WINDOW SET ELEMENTS

NO.	Element	Quantity	Description
1.	Sash equipped with glazing unit, frame is base of the window	1	P2 - anti-burglary Multi-chamber PVC profile.
2.	Assembly set	1	
3.	Profiles mounting roofing	4	Profiles mechanically mounting roofing to the frame
4.	Remote control	1	ZWP15 multi-channel remote control compatible with Z-Wave system
5.	Servo-motor	1 2*	ZWS12 servo-motor, power voltage 15V, compatible with Z-Wave system, maximum sash tilt: 150mm * for sizes from 120x120
6.	Supply unit	1	ZZ60h supply unit
7.	Rain sensor	1	

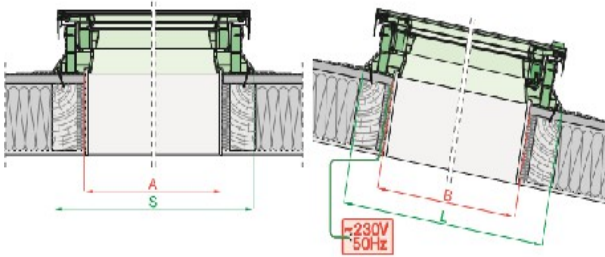
III. SIZES

There are available 9 standard sizes.

		Window width A=from 60 to 220 cm							
		60	70	80	90	100	110	120	130
Window height B= from 60 to 220 cm	60	0,23							
	70		0,33						
	80			0,46					
	90	0,37			0,6				
	100					0,77			
	110								
	120				0,83			1,16	
	130								
	140								
150						1,21			

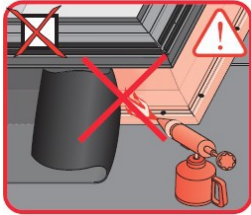
0,23 - effective glazing area, standard size

VI. ASSEMBLY INFORMATION



Window commercial size is an opening size in the roof (size A, B). Tolerance of the opening dimensions within +5 cm per side is possible.

Do not heat up PVC profiles



DEG	A	B	SL	
	[mm]		[mm]	
60x60	600-650	600-650	820	820
60x90	600-650	900-950	820	1120
70x70	700-750	700-750	920	920
80x80	800-850	800-850	1020	1020
90x90	900-950	900-950	1120	1120
90x120	900-950	1200-1250	1120	1420
100x100	1000-1050	1000-1050	1220	1220
120x120	1200-1250	1200-1250	1420	1420
100x150	1000-1050	1500-1550	1220	1720

VII. DETAILED SIZES

Window size [cm]	Size symbol	Frame external size	Distance between lining grooves	Glazing size	Height h
		S x L	p x q	j x k	
[mm]					
60 x 60	01K	820 x 820	558 x 558	476 x 476	191
60 x 90	02K	820 x 1120	558 x 858	476 x 776	191
70 x 70	03K	920 x 920	658 x 658	576 x 576	191
80 x 80	04K	1020 x 1020	758 x 758	676 x 676	191
90 x 90	05K	1120 x 1120	858 x 858	776 x 776	191
90 x 120	06K	1120 x 1420	858 x 1158	776 x 1076	191
100 x 100	07K	1220 x 1220	958 x 958	876 x 876	191
120 x 120	08K	1420 x 1420	1158 x 1158	1076 x 1076	191
100 x 150	10K	1220 x 1720	958 x 1458	876 x 1376	191

