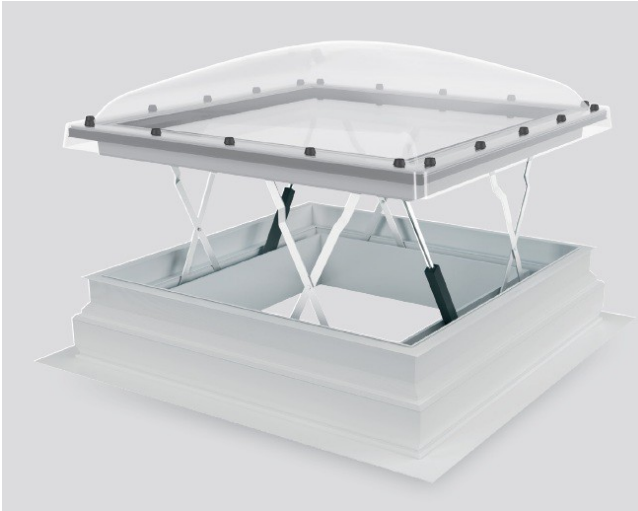


# TECHNICAL SPECIFICATION



## DSC-C2 P2

FLAT ROOF SMOKE VENTILATION WINDOW OPENED ELECTRICALLY WITH A TRANSPARENT DOME AND P2 GLAZING UNIT

### I. APPLICATION

PVC smoke ventilation window with the base designed for flat roofs.

Parameter	Value/type	Marking
Roof angle	0° - 15°	
Roofing base type	membrane, roofing felt paper, green roofs, gravel roofs	-

### IV. TECHNICAL PARAMETERS

Parameter	Unit	Value	Harmonized standard	
Active smoke ventilation area $A_a$	[m <sup>2</sup> ]	0,44 (for the size 100x100)	<b>EN 12101-2:2003</b>	
		0,57 (for the size 120x120)		
Wind load resistance	WL 2000			
Snow load resistance	SL 450			
Resistance to fire	F			
Low ambient temperature	T(-05)			
Resistance to high temperature	B300			
Reliability	RE 1000			
$U_g$	[W/m <sup>2</sup> K]	1,1		EN 673
$\tau_v$	[%]	57,7		EN 410
g	[%]	43,5		
$U_w$	[W/m <sup>2</sup> K]	1,0 (for the size 120x120)	EN 14351-1:2006 +A1:2010	
Geometric smoke ventilation area	[m <sup>2</sup> ]	0,90 (for the size 100x100)	-	
		1,32 (for the size 120x120)		
Glazing unit		4H – Tg14Ar-33.2T		

### II. WINDOW SET ELEMENTS

N..	Element	Quantity	Description
1.	The sash equipped with dome and glazing unit, the frame integrated with the installation base which is foundation of the window, lifting mechanism with electric actuators	1	P2 glazing unit with external glass toughened and safe internal glass, polycarbonate dome, the sash and foundation made of multi-chamber PVC profiles, 4 scissor mechanisms, 2 electric actuators 24V DC
2.	Assembly set	1	
3.	Profiles mounting the roofing	4	Profiles mechanically mounting roofing to the frame

### III. SIZES

There are available 2 standard sizes.

DSC-C2 P2	window width [cm]						
	95	100	105	110	115	120	125
95							
100							
105							
110							
115							
120							
125							

Standard size

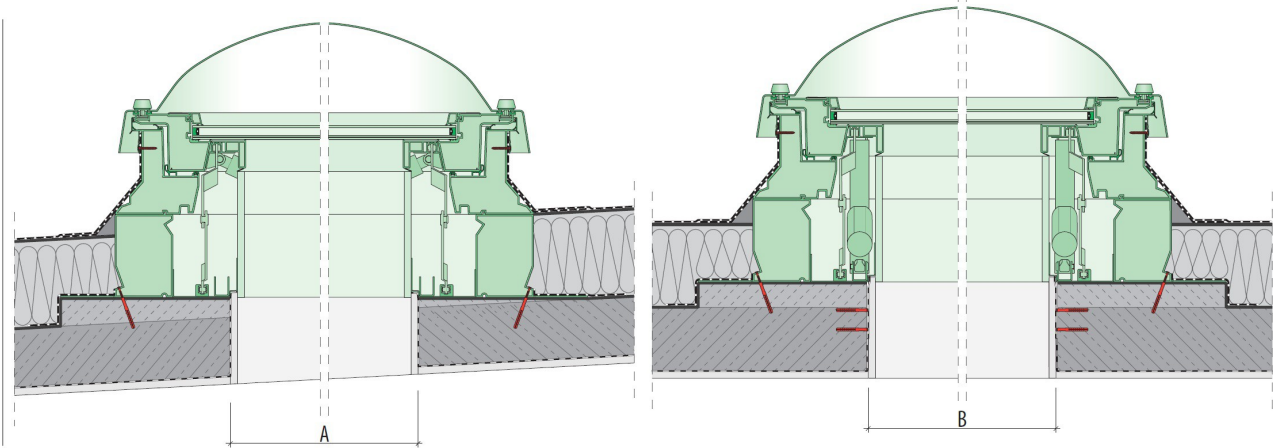
Unavailable size

### V. DECLARATION OF PERFORMANCE

Harmonized standard for the product	Marking	Declaration of Performance No.
EN 12101-2:2003	CE	<b>R100/CPR/12101/xx*</b>

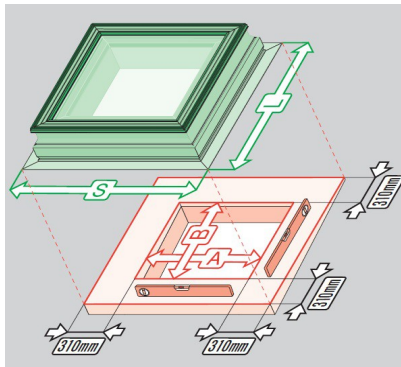
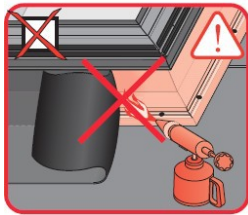
\* - year of the declaration, e.g. R100/CPR/12101/16 issued in 2016

## VI. ASSEMBLY INFORMATION



Window must be installed horizontally.  
Foundation of the window must have a minimum of 310mm in width.  
Do not heat up PVC profiles!

Window commercial size is an opening size in the roof (size A, B). Tolerance of the opening dimensions within +3 cm per side is possible



DSC	A	B	SL	
	[mm]		[mm]	
100x100	1000-1030	1000-1030	1620	1620
120x120	1200-1230	1200-1230	1820	1820

## VII. DETAILED SIZES

Window size [cm]	Size symbol	Frame external size	Distance between lining groves	Glazing size	Height
		S x L	p x q	j x k	h
[mm]					
100 x 100	07K	1620 x 1620	976 x 976	950 x 950	586
120 x 120	08K	1820 x 1820	1176 x 1176	1150 x 1150	586

