

# TECHNICAL SPECIFICATION

## DSF, DSC

FLAT ROOF, SMOKE VENTILATION WINDOWS.

WINDOW TYPE	DSF DU6
<b>I. APPLICATION</b>	
Installation	installation angle 0°-15° window must be level
Roofing base type	roofing felt paper, membrane, green roofs, gravel roofs, terraces
<b>II. FEATURES</b>	
Sash structure	multi-chamber PVC profile
Dome	domeless
Installation set	domeless
Profiles fixing roofing	profiles mechanically fixing roofing to the frame
Opening method	The sash raises to a height of 23cm when used for everyday ventilation, but in the event of fire it raises to 50cm.
Equipment	- opening mechanism and actuators - seals: three - number of actuators: 4
Warranty	10 years for access roof light, 2 years for opening elements
<b>III. TECHNICAL PARAMETERS</b>	
Wind load resistance	WL3000
Snow load resistance	SL1200
Low ambient temperature	T(-05)
Reliability	Re 1000
Resistance to heat	B300
Fire resistance	F
<b>IV. OPTIONS</b>	
Peripheral profile	- coating in colours of RAL Classic spectrum (ColourLine version)
<b>V. ADDITIONAL PRODUCTS TO BE USED</b>	
Mounting accessories	frame for DS_ window (max. 2 frames under a window) - available on request

WINDOW TYPE	DSC-C P2
<b>I. APPLICATION</b>	
Installation	installation angle 0°-15° window must be level
Roofing base type	roofing felt paper, membrane, green roofs, gravel roofs, terraces
<b>II. FEATURES</b>	
Sash structure	multi-chamber PVC profile
Dome	transparent, UV-stabilized polycarbonate
Installation set	set fixing dome and hindering its removal - material resistant to weather conditions (alloy of Al-Zn)
Profiles fixing roofing	profiles mechanically fixing roofing to the frame
Opening method	The sash raises to a height of 23cm when used for everyday ventilation, but in the event of fire it raises to 50cm.
Equipment	- opening mechanism and actuators - seals: three - number of actuators: 2 (DSC-C2) or 4 (DSC-C4)
Warranty	10 years for access roof light, 2 years for opening elements
<b>III. TECHNICAL PARAMETERS</b>	
Wind load resistance	WL2000
Snow load resistance	SL 450 (DSC-C2 P2) SL1200 (DSC-C4 P2)
Low ambient temperature	T(-05)
Reliability	Re 1000
Resistance to heat	B300
Fire resistance	F
<b>IV. OPTIONS</b>	
Dome	- transparent dome can be produced (DSC-M)
<b>V. ADDITIONAL PRODUCTS TO BE USED</b>	
Mounting accessories	frame for DS_ window (max. 2 frames under a window) - available on request

VI. TECHNICAL PARAMETERS FOR PARTICULAR SMOKE VENTILATION WINDOWS					
Technical parameters	Smoke ventilation window type		Technical parameters	Smoke ventilation window type	
	DSF DU6			DSC-C P2	
Glazing structure	6H-16-4HT-18-55.2T		Glazing structure	4H-14-33.2T	
Ug value as per EN 673	0.5 W/m²K		Ug value as per EN 673	1.1 W/m²K	
Uw value as per PN-EN ISO 10077-1:2007	0.79 W/m²K (for the size 120x120)		Uw value as per PN-EN ISO 10077-1:2007	1.0 W/m²K (for the size 120x120)	
light transmittance factor τ <sub>v</sub> as per EN 410	0.54		light transmittance factor τ <sub>v</sub> as per EN 1873:2005	57.7	

VII. TECHNICAL PARAMETERS FOR ACCESS ROOF LIGHTS IN PARTICULAR SIZES					
commercial size [cm]	105x105	120x120	commercial size [cm]	100x100	120x120
roof light symbol	12K	08K	roof light symbol	07K	08K
internal area [m²]	1.00	1.32	internal area [m²]	0.90	1.32
effective glazing area [m²]	1.00	1.32	effective glazing area [m²]	0.90	1.32
smoke ventilation active area Aa [m²]	0.49	0.61	smoke ventilation active area Aa [m²]	0.44	0.57
DSF DU6 window weight [kg]±1kg	183	217	DSC-C2 P2 window weight [kg]±1kg	138	169
			DSC-C4 P2 window weight [kg]±1kg	142	172