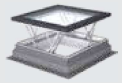
TECHNICAL SPECIFICATION

DSF, DSC

FLAT ROOF, SMOKE VENTILATION WINDOWS.

WINDOW TYPE	DSF DU6	
		
I. APPLICATION		
Installation	installation angle 0°-15° window must be level	
Roofing base type	roofing felt paper, membrane, green roofs, gravel roofs, terraces	
II. FEATURES		
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	
III. TECHNICAL PARAMETERS		
Wind load resistance	WL3000	as per EN 12101-2003
Snow load resistance	SL1200	
Low ambient temperature	T(-05)	
Reliability	Re 1000	
Resistance to heat	B300	
Fire resistance	F	
IV. OPTIONS		
Peripheral profile	- coating in colours of RAL Classic spectrum (ColourLine version)	
V. ADDITIONAL PRODUCTS TO BE USED		
Mounting accessories	frame for DS_ window (max. 2 frames under a window) - available on request	

WINDOW TYPE	DSC-C P2	
I. APPLICATION		
Installation	installation angle 0°-15° window must be level	
Roofing base type	roofing felt paper, membrane, green roofs, gravel roofs, terraces	
II. FEATURES		
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	
III. TECHNICAL PARAMETERS		
Wind load resistance	WL2000	as per EN 12101-2003
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	
IV. OPTIONS		
Dome	- transparent dome can be produced (DSC-M)	
V. ADDITIONAL PRODUCTS TO BE USED		
Mounting accessories	frame for DS_ window (max. 2 frames under a window) - available on request	

VI. TECHNICAL PARAMETERS FOR PARTICULAR SMOKE VENTLITATION WINDOWS

Technical parameters	Smoke ventilation window type **DSF DU6**
Glazing structure	6H-16-4HT-18-55.2T
Ug value as per EN 673	0.5 W/m²K
Uw value as per PN-EN ISO 10077-1:2007	0.79 W/m²K (for the size 120x120)
light transmittance factor τ_v as per EN 410	0.54

Technical parameters	Smoke ventilation window type **DSC-C P2**
Glazing structure	4H-14-33.2T
Ug value as per EN 673	1.1 W/m²K
Uw value as per PN-EN ISO 10077-1:2007	1.0 W/m²K (for the size 120x120)
light transmittance factor τ_v as per EN 1873:2005	0,577

VII. TECHNICAL PARAMETERS FOR ACCESS ROOF LIGHTS IN PARTICULAR SIZES

commercial size [cm]	105x105	120x120
roof light symbol	**12K**	**08K**
internal area [m²]	1.00	1.32
effective glazing area [m²]	1.00	1.32
smoke ventilation active area Aa [m²]	0.49	0.61
DSF DU6 window weight [kg]±1kg	183	217

commercial size [cm]	100x100	120x120
roof light symbol	**07K**	**08K**
internal area [m²]	0.90	1.32
effective glazing area [m²]	0.90	1.32
smoke ventilation active area Aa [m²]	0.44	0.57
DSC-C2 P2 window weight [kg]±1kg	138	169
DSC-C4 P2 window weight [kg]±1kg	142	172