

DESCRIPTION

The benefits of natural illumination of the building are unquestionable but it happens that in buildings with flat roofs it is not always possible to install standard vertical windows. Ideal solution in such cases is installation of specially designed products for flat roofs.

FEATURES

SASH STRUCTURE: Multi-chamber PVC profile

PROFILES FIXING ROOFING: Profiles mechanically fixing roofing to the frame

OPENING METHOD: Manual using the attached rod (2.2 m)

EQUIPMENT:

- One screw actuator, max. sash opening: 300mm

- Two screw actuators: for sizes 140x140cm and 120x220cm

WARRANTY: 10 years for windows, 2 years for electric control elements in DEF flat roof window

SKU: **DMF**

FLAT ROOF DECK MOUNTED SKYLIGHT

TYPE F



DIMENSIONS AND APPEARANCE

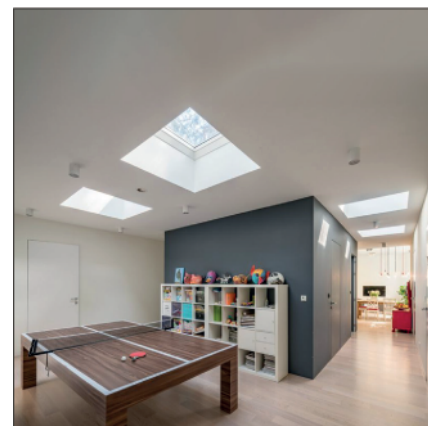
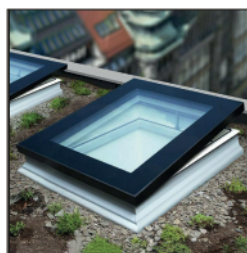
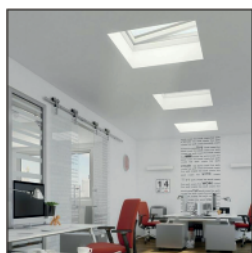
>> CLICK TO VIEW ADDITIONAL DETAILS AND PRICING <<

TECHNICAL PARAMETERS:

Wind load resistance	C5/B5 Class for the window width ≤ 140 cm and height ≤ 140 cm C2/B2 Class for the window width > 140 cm and height > 140 cm	as per EN 14351-1:2006+A1:2010
Snow load resistance	6H-18-4H-18-44.2 6H-16-4H-18-55.2	
Fire resistance	B-s2, d0	
External fire resistance	Broof (t1)	
Watertightness. Unshielded (A)	E1200	
Impact resistance	Class 5 - 950 mm	
Air permeability	Class 4	

OPTIONS:

Glazing units	- DU6 in DXF, DMF Secure version
Peripheral profile	- Coating in colours of RAL Classic spectrum – ColourLine version
	- Non-standard size and shape of the window [cm] in the range from 60 x 60cm to 120 x 220cm



For more details see the second page

PROJECT DATA

Custom Sizes Available - Fast!

PROJECT NAME :	QTY	W	H	OPTIONS
ARCHITECT :				
DEALER :				
CONTRACTOR :				
LOCATION :	SPECIAL INSTRUCTIONS :			
DATE :				
TAGGING INSTRUCTIONS :	SUBMITTAL APPROVAL : (signature or stamp)			

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DMF

FLAT ROOF DECK MOUNTED SKYLIGHT TRIPLE GLAZED

TECHNICAL PARAMETERS FOR WINDOWS IN PARTICULAR SIZES:

											
Commercial size [cm]	60 x 60	60 x 90	70 x 70	80 x 80	90 x 90	90 x 120	100 x 100	100 x 150	120 x 120	140 x 140	120 x 220
Window size symbol	01K	02K	03K	04K	05K	06K	07K	10K	08K	09K	11K
Window internal area [m ²]	0.27	0.42	0.38	0.51	0.67	0.91	0.84	1.30	1.25	1.73	2.36
Effective glazing area [m ²]	0.23	0.37	0.33	0.46	0.60	0.83	0.77	1.21	1.16	1.63	2.23
DXF DU6 window weight [kg]±1kg	39	52	48	58	69	87	82	120	115	148	192
DMF DU6 window weight [kg]±1kg	40	54	50	60	71	88	83	121	116	152	198
DEF DU6 window weight [kg]±1kg	43	57	53	63	75	92	86	127	122	159	205
DXF DU8 window weight [kg]±1kg	43	58	53	65	77	97	91	127	122	157	204
DMF DU8 window weight [kg]±1kg	44	59	55	66	79	98	92	128	123	-	-
DEF DU8 window weight [kg]±1kg	47	62	58	69	82	102	96	134	129	-	-

TECHNICAL PARAMETERS FOR WINDOWS WITH PARTICULAR GLAZING UNIT TYPES:

Technical parameters	Glazing unit type	
	DU6	R3
Glazing structure	6H-18-4HT-18-44.2T 6H-16-4HT-18-55.2T for sizes from 120x120	6H-10-4HT-10-4HT-12-44.2T
Glazing U-value as per EN 673	0.5 W/m ² K	0.4 W/m ² K
Window U-value as per EN 14351-1:2006+A2:2016	0.70 W/m ² K	0.64 W/m ² K
Acoustic insulation Rw as per EN 1873:2006 p.5.10 (EN ISO 10140-2)	34(-1;-4)	33(-1;-3)
Light transmittance factor τ _v as per EN 410	0.54	0.49
Solar factor g as per EN 410	0.43	0.38
Frame thermal insulation U _f as per PN-EN ISO 10077-2:2012	0.67 W/m ² K	0.66 W/m ² K
Thermal insulation of frame and glazing connection Ψ* as per PN-EN ISO 10077-2:2012	0.055 W/mK	0.055 W/mK

ADDITIONAL PRODUCTS TO BE USED:

Mounting accessories	- The XRD installation base allows raising the window above the roof by 15cm. Maximum two bases can be joined. - The XRD/W installation base allows raising the access roof light above the roof by 15cm. Maximum three bases XRD/W can be joined. - The XRD/A installation base allows raising the roof light mounting angle by 3°.
External accessories	- AMZ/F Solar awning blinds
Internal accessories	- ARF/D, ARF/D Z-Wave blackout blinds, APF/D pleated blinds