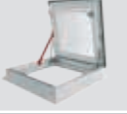



# TECHNICAL SPECIFICATION

## DRF DU6, DRC-C P2, INSULATED FLAT ACCESS ROOF LIGHT

WINDOW TYPE	DRF DU6
	
<b>I. APPLICATION</b>	
Installation	installation angle 2°-15°
Roofing base type	roofing felt paper, membrane, green roofs, gravel roofs
<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	manually, up to an angle of 80°
Equipment	gas springs to facilitate operation of the sash
Warranty	10 years for access roof light, 2 years for gas springs
<b>III. TECHNICAL PARAMETERS</b>	
Wind load resistance	Class C5/B5
Snow load resistance	6H*-18-4H-18-44.2** 6H*-18-4H-18-44.4** 6H*-16-4H-18-55.2** 6H*-16-4H-18-55.4**
*toughened outer pane ** laminated inner pane	
Fire resistance	npd
External fire resistance	npd
Watertightness. Unshielded (A)	E1200
Impact resistance	Class 5 - 950mm
Air permeability	Class 4
as per EN 14351-1:2006+A1:2010	
<b>IV. OPTIONS</b>	
Glazing unit	DU8
Peripheral profile	- coating in colours of RAL Classic spectrum (ColourLine version)
<b>V. ADDITIONAL PRODUCTS TO BE USED</b>	
Mounting accessories	the XRD/W installation base allows raising the access roof light above the roof by 15cm. Maximum three bases XRD/W can be joined.
External accessories	AMZ/F Solar awning blinds
Internal accessories	ARF/D blackout blinds, APF/D pleated blind

WINDOW TYPE	DRC-C P2
	
<b>I. APPLICATION</b>	
Installation	installation angle 0°-15°
Roofing base type	roofing felt paper, membrane, green roofs, gravel roofs
<b>II. FEATURES</b>	
Sash structure	multi-chamber PVC profile
Dome	transparent, UV-stabilized polycarbonate with a thickness of 3mm (sizes up to 06K) or 4mm (sizes from 07K)
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	manually, up to an angle of 80°
Equipment	gas springs to facilitate operation of the sash
Warranty	10 years for access roof light, 2 years for gas springs
<b>III. TECHNICAL PARAMETERS</b>	
Tearing out load resistance	UL 1500
Clamping load resistance	DL 2500
Watertightness	meets
Impact resistance small hard body	meets
Impact resistance large soft body	SB 1200
Air permeability	Ap 0,32
Laminated inner pan	P2A as per EN 356
Toughened outer pane	1C3 as per EN 12600
as per EN 1873:2014	
<b>IV. OPTIONS</b>	
Glazing unit	U6, U8 (VSG), P4
Dome	transparent dome can be produced (DRC-M)
<b>V. ADDITIONAL PRODUCTS TO BE USED</b>	
Mounting accessories	the XRD/W installation base allows raising the access roof light above the roof by 15cm. Maximum three bases XRD/W can be joined.
External accessories	AMZ/F Solar awning blinds
Internal accessories	ARF/D blackout blinds, APF/D pleated blind


VI. TECHNICAL PARAMETERS FOR PARTICULAR ACCESS ROOF LIGHTS			
Technical parameters	Access roof light type		Technical parameters
	DRF DU6		
Glazing structure	6H-18-4HT-18-44.2T 6H-16-4HT-18-55.2T		4H-14-33.2T
glazing U-value as per EN 1279-5+A2:2010	0.5 W/m²K		1.1 W/m²K
roof light U-value as per EN 14351-1:2006+A1:2010	0.74 W/m²K		0.88 W/m²K
acoustic insulation Rw wg normy EN 14351-1:2006+A1:2010	38 (-1;-3)		3.66 m²
light transmittance factor τ <sub>v</sub> as per EN 1279-5+A2:2010	0.54		35(-1;-3)
solar factor g as per EN 1279-5+A2:2010	0.43		0.577
frame thermal insulation Uf as per EN 14351-1:2006+A1:2010	0.78 W/m²K		
thermal insulation of frame and glazing connection Ψ as per EN 14351-1:2006+A1:2010	0.055 W/m²K		

VII. TECHNICAL PARAMETERS FOR ACCESS ROOF LIGHTS IN PARTICULAR SIZES				
frame external size [cm]	90x90	90x120	100x100	120x120
window size symbol	05K	06K	07K	08K
window internal area [m²]	0.67	0.91	0.84	1.25
effective glazing area [m²]	0.60	0.83	0.77	1.16
access roof light weight DRF DU6 [kg]	89	109	103	139
access roof light weight DRC-C P2 [kg]	72	87	86	107

# TECHNICAL SPECIFICATION

## DRL

### FLAT ROOF ACCESS DOOR







ROOF ACCESS TYPE	DRL
	
<b>I. APPLICATION</b>	
Installation	installation angle 0-5°
Roofing base type	roofing felt paper, membrane, green roofs, gravel roofs
<b>II. FEATURES</b>	
Structure	The frame is constructed of multi-chamber PVC profiles filled with insulation material, while the whole structure is insulated. Insulated sash equipped with a rubber seal ensures perfect thermal insulation performance.
Profiles fixing roofing	profiles mechanically fixing roofing to the frame
Opening method	manually, up to an angle of 60°
Equipment	gas springs to facilitate operation of the sash
Warranty	10 years for access roof light, 2 years for gas springs

ROOF ACCESS TYPE	DRL
<b>III. TECHNICAL PARAMETERS</b>	
Wind load resistance	Class C5/B5
Snow load resistance	npd
Fire resistance	npd
External fire resistance	npd
Watertightness. Unshielded (A)	E900
Impact resistance	Class 5 – 950 mm
Air permeability	Class 4
<b>IV. OPTIONS</b>	
Sizes	- sizes compatible with the size of LML loft ladders (sold separately)
<b>V. ADDITIONAL PRODUCTS TO BE USED</b>	
Mounting accessories	the XRD/W installation base allows raising the access roof light above the roof by 15cm. Maximum three bases XRD/W can be joined.

as per EN 14351-1:2006+A1:2010

VII. TECHNICAL PARAMETERS FOR PARTICULAR FLAT ROOF ACCESS DOOR	
Uw value as per EN 14351-1:2006+A2:2016	0.67 W/m²K
acoustic insulation Rw as per EN 14351-1:2006+A2:2016	30 (0; -2) dB
frame thermal insulation Uf as per EN 14351-1:2006+A2:2016	npd
thermal insulation of frame and glazing connection Ψ as per EN 14351-1:2006+A2:2016	npd

#### VI. TECHNICAL PARAMETERS FOR FLAT ROOF ACCESS DOOR IN PARTICULAR SIZES

Commercial size [cm]	60x120	70x120	70x130	70x140	86x130	92x130
						
Access roof light symbol	13K	14K	15K	16K	17K	18K
Frame size [cm] [cm]	81x165	90x165	90x175	90x185	106x175	112x175
Frame interal dimensions [cm]	50.6x134.8	59.6x134.8	59.6x144.8	59.6x154.8	75.6x144.8	81.7x144.8
Heigh [cm]	20.2					
Flat roof access door weight DRL [kg]±1kg	63	67	70	73	76	79

