



SKYLIGHTS
ROOFLIGHTS
FLAT ROOF
WINDOWS

Sunlux  [®]
let the sunlight come in

MODEL: **OK**
ENERGY-SAVING

U VALUE OF WINDOW

U_w = **1,5** W/m²K

E3



U_g = **1,1** W/m²K

4BH-16-4T (AR)

GLAZING

double glazed unit
gas - argon
low emission coat
toughened pane
self-cleaning coating



PROFILE TYPE

multi-chamber white PVC profiles
maintenance free

GASKET

3

HANDLE



with the lock and
micro-ventilation

ROOF PITCH



the hinge is placed in the middle of the frame and allows the sash to be tilted for ventilation or rotated by 180° for cleaning exterior glass

glazing area [m ²]												
window size: width x height [cm]	55x78	55x98	66x98	66x118	78x98	78x118	78x140	94x118	94x140	114x118	114x140	134x98
MODEL: OK												
available sizes												
delivery up to 20 days												

MODEL: **OKE**

ENERGY-SAVING

U VALUE OF WINDOW

$U_w = 1,4 \text{ W/m}^2\text{K}$

GLAZING

E3



$U_g = 1,0 \text{ W/m}^2\text{K}$

4BH-16-4T (AR)

toughened pane with self-cleaning coating



PROFILE TYPE

NORMAL

multi-chamber white PVC profiles maintenance free

GAS SPRINGS

to facilitate the ease of opening up to 30°

HANDLE



with the lock and micro-ventilation



safe and easy access to the roof area

1. Tilt sash up to 30°
2. Open sash 180°

ROOF PITCH



1 2

SIZES														
glazing area [m ²]	0.23	0.30	0.40	0.49	0.48	0.61	0.74	0.76	0.94	0.96	1.18	0.94	0.86	1.09
window size: width x height [cm]	55x78	55x98	66x98	66x118	78x98	78x118	78x140	94x118	94x140	114x118	114x140	134x98	78x160	94x160
MODEL: OKE														
available sizes														



MODEL: ST

OPENING TYPE

top-hung

GLAZING

V2



3H-8-3 (AR)

toughened pane

PROFILE TYPE

impregnated pine wood
bonded in layers

FEATURES

tile support
opening restrictor
integrated flashing
sponge seal
gutter
lead apron
handle with three locking
positions
available with tile or slate flashing

ROOF PITCH



MODEL: SS

side-opening

V2



3H-8-3 (AR)

V3



3H-8-3H (AR)

toughened pane
V3 - both panes toughened
in size 80x80

impregnated pine wood
bonded in layers

tile support
opening restrictor
integrated flashing
sponge seal
gutter
lead apron
handle with three locking
positions
available with tile or slate flashing



SIZES			
glazing area [m ²]			
window size: width x height [cm]	47x57	47x73	80x80
MODEL: ST			
MODEL: SS			
available sizes			



safe and easy access
to the roof area

MODEL: **FR**

ENERGY-SAVING

U VALUE OF WINDOW | $U_w = 1,7 \text{ W/m}^2\text{K}$

D5



$U_g = 1,2 \text{ W/m}$

GLAZING

6H / 24 / 33.2 T (AR)

double glazed unit
gas - argon
warm spacer
low emission coat
toughened pane
laminated inner pane

PROFILE TYPE

NORMAL

multi-chamber white PVC profiles
maintenance free

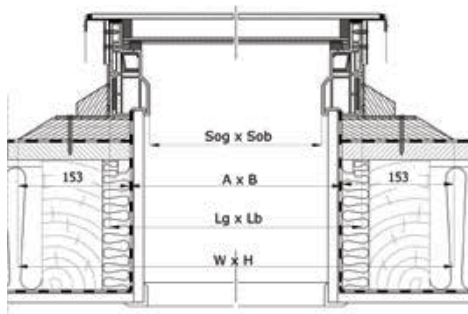
ROOF PITCH | 2 - 15°



Many of the modern projects include a living spaces in flat roof houses where lack of natural light could be a problem. Now with new non-opening flat roof window FR you can improve this space and bring in natural light into your home.



TOP SELLER

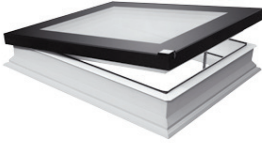


DOUBLE GLAZED WINDOWS NON OPENING

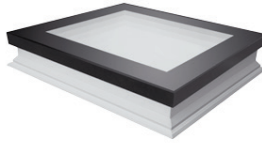
window size	sog	sob	A	B	Lg	Lb	W	H
60 x 60	551	551	600	600	651	651	906	906
60 x 90	551	851	600	900	651	951	906	1206
70 x 70	651	651	700	700	751	751	1006	1006
80 x 80	751	751	800	800	851	851	1106	1106
90 x 90	851	851	900	900	951	951	1206	1206
90 x 120	851	1151	900	1200	951	1251	1206	1506
100 x 100	951	951	1000	1000	1051	1051	1306	1306
100 x 150	951	1451	1000	1500	1051	1551	1306	1806
120 x 120	1151	1151	1200	1200	1251	1251	1506	1506
140 x 140	1351	1351	1400	1400	1451	1451	1706	1706
120 x 220	1151	2151	1200	2200	1251	2251	1506	2506

SIZES

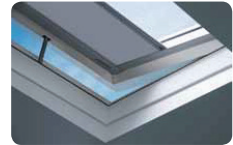
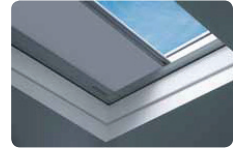
window symbol	sizes: width x height [cm] size symbol	60x60 01	60x90 02	70x70 03	80x80 04	90x90 05	90x120 06	100x100 07	100x150 08	120x120 09	140x140 10	120x220 11
MODEL: FR	Flat roof windows											
available sizes												



DEF 
 electrically opened
 with wireless Z-Wave system



DXF
 non-opening



WINDOW STRUCTURE

The type F flat roof window features a sleek modern look, characterised by excellent thermal insulation parameters. The structure of the frame is the same as for flat roof windows with a dome however the main difference lies in the glazing unit which is bonded using modern manufacturing technologies to produce a highly aesthetic and innovative design.

GLAZING UNITS

The type F is equipped with an energy-efficient, triple DU6 glazing unit. The external glass 6mm thick is toughened while the internal glass is laminated and anti-burglary P2A class. Should the pane crack, shards of glass do not pose a danger but remain on the laminate film. Heat transmittance co-efficient for the whole window is **U=0.88** W/m²K (to EN 12567-2).

ACCESSORIES

The structure of the window enables installation of internal as well as external accessories. The external awning blind protects against room overheating while internal accessories protect from intensive sun light and provide a decorative element.

INSTALLATION RANGE

The type F flat roof window is suitable for roof pitches between 2 and 15 degrees.

Z-WAVE SYSTEM



The electrically operated windows have a built-in sensor that automatically activates the sash closing function when it rains.

AVAILABLE SIZES


TREIPLE GLAZED WINDOWS

Size symbol	01K	02K	03K	04K	05K	06K	07K	10K	08K	09K	11K
Window size [cm]	60x60	60x90	70x70	80x80	90x90	90x120	100x100	100x150	120x120	140x140	120x220
Opening size in the roof [cm]	60x60	60x90	70x70	80x80	90x90	90x120	100x100	100x150	120x120	140x140	120x220

FLASHINGS

Flashings are an essential part of fitting roof windows with different roofing materials. They are designed to make a secure connection between windows and the roof against any weather conditions (rain, wind or snow). The correct flashing type will ensure a durable and neat fit with all roofing materials.

U



UNIVERSAL TILE FLASHING

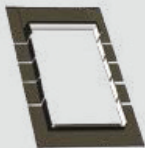
U flashing allows the window to be connected to profiled roofing materials. It is made of sheet aluminium coated with grey polyester. The lead or aluminium apron can be easily shaped to every kind of roofing material.
Colour RAL 7022



max 5 cm

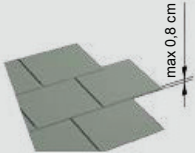


L




FLASHING FOR SLATE

Flashings for installing roof window into slate
Colour RAL 7022




max 0.8 cm



ACCESSORIES


D36



TELESCOPIC CONTROL ROD

The rod enables operation of windows installed high up in the roof.
Length 110 - 195 cm.

AMZ



AWING BLIND

Made of a durable glass fiber fabric that suits all weather conditions and provides protection against excessive light.

BAR



CONSERVATION BAR

Self fixing external glazing middle bar for conservation look.
Available for all windows.
Colour RAL 7022



MULTISTOP BLINDS

An elegant aluminium top and frame provide a neat yet unobtrusive finish and a very practical way of controlling light.

MULTISTOP COLOURS

BLACKOUT FABRIC



TRANSLUCENT FABRIC

