TECHNICAL SPECIFICATION



FRE B600 + FGT B200

PANE					
Construction	4H-(32)-4-14,5-33.2				
24 mm insulated glazing unit					
Low-E coating	•				
Gas	Argon				
Toughened external glass	•				
U _α -horizontal (W/m²K)	1.30				
Total solar energy transmittance: g	0.54				
Light transmittance: τ _ν	0.72				
WINDOW					
U _{rc,ref300} : (W/m ² K)	0.87				
A _{rc,ref300} : (m ²)	3.4				
Watertightness	Class 9A				
Air permeability	Class 3				
Resistance to wind load	Class C3				
Sound reduction	31 (-1,-2) dB				
Reaction to fire	class B-s1, d0				
Impact resistance	class 3				
FINISH	·				
Interior: PVC (white)	RAL 9016				
Exterior: Grey aluminium	RAL 7043				

Openable flat roof windows with flat glass top unit

APPLICABLE

In public or residential buildings

In heated, inhabited rooms

In roof pitch range of 2°-15° (5°-15° is recommended)

FEATURES

Electrically openable window for flat roofs

Attractive, flat glass exterior design

Maintenance free, easy-to-wipe internal PVC surfaces

Easy-to-clean coating on external glass

scratch-free, 4 mm toughened glass cover

Laminated internal glass

Low energy insulating glass unit (inside)

Max. opening: 200 mm (142 mm ventilation area)

Preinstalled rain sensor

Hidden motor

Wall switch controller

Fixing screws and brackets are included

Easy installation

10-vear quarantee

MATERIALS AND FINISH

Extruded, white PVC, RAL 9016

Insulating inserts in the PVC curb

Lacquered aluminium, RAL 7043 (Top unit)

AVAILABLE SIZES AND DAYLIGHT AREA									
	Nominal size	(roof opening)	External frame measurements		Lining measurements		Effective daylight area		
Product code	Width	Length	Width	Length	Width	Length	Width	Length	А
Product code	cm	cm	cm	cm	cm	cm	cm	cm	m²
FRE 0606 B600	60	60	78	78	55.9	55.9	43.5	43.5	0.19
FRE 0808 B600	80	80	98	98	75.9	75.9	63.5	63.5	0.40
FRE 0609 B600	60	90	78	108	55.9	85.9	43.5	73.5	0.32
FRE 0909 B600	90	90	108	108	85.9	85.9	73.5	73.5	0.54
FRE 0912 B600	90	120	108	138	85.9	115.9	73.5	103.5	0.76
FRE 1010 B600	100	100	118	118	95.9	95.9	83.5	83.5	0.70
FRE 1015 B600	100	150	118	168	95.9	145.9	83.5	133.5	1.11
FRE 1212 B600	120	120	138	138	115.9	115.9	103.5	103.5	1.07

AVAILABLE SIZES SIZE CODE 0909 0606 0609 0808 ROOF OPENING (CM) 60X60 60X90 80X80 90X90 SIZE CODE 0912 1010 1015 1212 ROOF OPENING (CM) 90X120 100X100 100X150 120X120

Extra frame extension can be combined with FRC..F (frame extension with flange) when frame height exceeding 310 mm is required*

* One FRC..F can be combined with max three

FRC extension curbs

FRC..F ·

Frame extension with flange – extends total frame height from 150 mm to 310 mm

Roofing material fixing kit ensures a safe joint between frame and roofing material



TECHNICAL SPECIFICATION



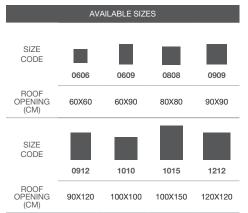
Fixed flat roof windows with flat glass top unit

FRF B600 + FGT B200

PANE				
Construction	4H-(32)-4-14,5-33.2			
24 mm insulated glazing unit	•			
Low-E coating	-			
Gas	Argon			
Toughened external glass				
U _g -horizontal (W/m²K)	1.30			
Total solar energy transmittance: g	0.54			
Light transmittance: τ _v	0.72			
WINDOW				
U _{rc,ref300} : (W/m ² K)	0.87			
A _{rc,ref300} : (m²)	3.4			
Watertightness	Class 9A			
Air permeability	Class 3			
Resistance to wind load	Class C3			
Sound reduction	36 (-1,-4) dB			
Reaction to fire	class B-s1, d0			
Impact resistance	class 3			
FINISH				
Interior: PVC (white)	RAL 9016			
Exterior: Grey aluminium	RAL 7043			

APPLICABLE
In public or residential buildings
In heated, inhabited rooms
In roof pitch range of 2°-15° (5°-15° is recommended)
FEATURES
Fixed (non-openable) window for flat roofs
Attractive, flat glass exterior design
Maintenance free, easy-to-wipe internal PVC surfaces
Easy-to-clean coating on external glass
scratch-free, 4 mm toughened glass cover
Laminated internal glass
Low energy insulating glass unit (inside)
Fixing screws and brackets are included
Easy installation
10-year guarantee
MATERIALS AND FINISH
Extruded, white PVC, RAL 9016
Insulating inserts in the PVC curb
Lacquered aluminium, RAL 7043 (Top unit)

AVAILABLE SIZES AND DAYLIGHT AREA									
	Nominal size	(roof opening)	External frame measurements		Lining measurements		Effective daylight area		
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FRC extension curbs

FRC..F -

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