

TECHNICAL SPECIFICATION

FGH-V Galeria WOODEN BALCONY ROOF WINDOWS



WINDOW TYPE	FGH-V Galeria	FGH-V/U Galeria
I. APPLICATION		
Installation	installation angle 35°-55° installation on rafters	
II. FEATURES		
Material	pine/wood, vacuum impregnated	
Lacquer	acrylic polyurethane natural colour	white MCS 50502-Y
Varnishing	twice	triple
Air inlet type	automatic V4gp	
Air inlet capacity	up to 49 m ³ /h	
System	top-Safe	
Seals	four	
Micro-opening facility	+	
Handle	Elegant	
Warranty	10 years for windows, 20 years for glazing unit	
III. TECHNICAL PARAMETERS		
Air permeability class	3 as per EN 1026, EN 12207	
Wind load resistance class C4**	as per EN 12210	
Watertightness – unshielded (A)	E900 as per EN 12208	
Impact resistance	class 3 (450mm) as per EN 13049	
Applicability of glazing units	PG***	

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IV. OPTIONS		
Wooden profiles for FGH-V	- painted in colours ofRAL spectrum - painted in one of five Lazure colours - in matching woodwork	
Cladding	- malowane na dowolny kolor z palety RAL - wykończone z innej faktury (LUTC)	
V. ADDITIONAL PRODUCTS TO BE USED		
Flashings	- special for balcony windows - combination for balcony windows	
Control	- manual	
Mounting accessories	- insulation sets (XDP flashing included with window) - fittings - auxiliary valves - insulating band - frame extensions	
External accessories	- awning blind - roller shutter	
Internal accessories	- ABS blackout blind - ABS roller blind - ABS operation roller blind - ABS operation blind - ABS pleated blind - ABS pleated blind - ABS insect screen	

Window equipped as standard with XDP air permeable flashing

VI. TECHNICAL PARAMETERS FOR WINDOWS IN PARTICULAR SIZES	
frame external size (cm)	78x255
top-sash dimensions (cm)	78x160
bottom-sash dimensions (cm)	78x98
window size symbol	CD
window internal area (m ²)	1.69
effective glazing area (m ²)	1.32
window weight for P2 glazing unit (kg) ± kg	98
air-tight capacity as a pressure differential (Pa) (m ³ /h)	27.89

VII. TECHNICAL PARAMETERS FOR WINDOWS WITH PARTICULAR GLAZING UNIT TYPES	
Technical parameters	Glazing unit type
glazing structure as per EN 673	P5***
glazing U-value as per EN 673	4f5-16-4f1-5-3-2f
Window U-value as per EN 12567-2	0.5 W/m ² K
acoustic insulation Rw as per EN 80772-1	1.1 W/m ² K
light transmittance factor τ _v as per EN 410	34(-) (-)4
solar factor g as per EN 410	0.63
UV radiation as per EN 410	0.48
frame thermal insulation Uf* as per EN 10077-1, EN ISO 10077-2	0.01
thermal insulation of frame and glazing connection Ψ* as per EN 10077-1, EN ISO 10077-2	npd

* FAKRO does not provide
** for the window width > 94 cm and height > 235 cm, npd
*** applies to FGH-V windows
npd – no performance determined

