TECHNICAL SPECIFICATION

FGH-V Galeria

WOODEN BALCONY ROOF WINDOWS

WINDOW TYPE	FGH-V Galeria	FGH-V/U Galeria
I. APPLICATION		
Installation	installation angle 40°-55°	
	installation on rafters	
II. FEATURES		
Material	pinewood, vacuum impregnated	
Lacquer	acrylic natural colour	polyurethane white NCS S0502-Y
Varnishing	twice	triple
Air inlet type	automatic V40P	
Air inlet capacity	up to 49m³/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 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	P5***	

WINDOW TYPE	FGH-V Galeria	FGH-V/U Galeria
IV. OPTIONS		
Wooden profiles for FGH-V	- painted in colours of RAL spectrum - painted in one of five Lazure colours - in mahogany woodwork	
Cladding	- painted in colours of RAL spectrum - cladding elements made of different types of sheet metal (CU, TC)	
	- window with black mullion bar and cladding	
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) - linings - auxiliary rafters - insulating band - frame extensions	
External accessories	- awning blind - roller shutter	
Internal accessories	- ARP roller blind - ARS standard roller blind - AJP venetian blind - APS pleated blind - APF pleated blind - AMS insect screen	

Window equipped as standard with XDP air permeable flashing

VII. TECHNICAL PARAMETERS FOR WINDOWS WITH PARTICULAR GLAZING UNIT TYPES		
Technical parameters	Glazing unit type	
	P2* **	**P5*** **
Glazing structure	4H-14-33.2T	4HS-10-4HT-8-33.2T
glazing U-value as per EN 673	1.1 W/m²K	0.5 W/m²K
window U-value as per EN ISO 10077-1	1.5 W/m²K	1.1 W/m²K
acoustic insulation Rw as per EN ISO 717-1	35(-1;-3)	34(-1;-4)
light transmittance factor τ_v as per EN 410	0.75	0.68
solar factor g as per EN 410	0.52	0.48
UV radiation as per EN 410	0.01	0.01
frame thermal insulation Uf* as per EN ISO 10077-1. EN ISO 10077-2	2.0 W/m²K	npd
thermal insulation of frame and glazing connection Ψ* as per EN ISO 10077-1. EN ISO 10077-2	0.049 W/mK	npd

* *FAKRO internal test results*
** *for the window width > 94 cm and height > 255 cm: npd*
*** *applies to FGH-V windows*
npd – no performance determined

VI.TECHNICAL PARAMETERS FOR WINDOWS IN PARTICULAR SIZES		
frame external size [cm]	78x255	94x255
top sash dimensions [cm]	78x160	94x160
bottom sash dimensions [cm]	78x98	94x98
window size symbol	**CD**	**DD**
window internal area [m²]	1.69	2.09
effective glazing area [m²]	1.32	1.67
window weight for P2 glazing unit [kg]±1kg	98	110
air inlet capacity at a pressure difference of 10Pa [m³/h]	27.89	27.89