



PTP-V, PTP-V/PI, PTP-V/GO,

ALUMINIUM-CLAD PLASTIC ROOF WINDOW – PIVOT

I. APPLICATION

	Pivot window
	Installed in roofs with pitches 15-90°

II. FEATURES

	Multi-chamber in white colour (RAL 9010)
	TopSafe system
	V35 air inlet
	Quadruple sealing system
	Installation at two depths: N,V
	Warm TGI spacer
	White Handle Elegant

III. ADDITIONAL PRODUCTS USED WITH WINDOWS

Flashings	
	standard
	special
	combination

Control	
	manual
	electric

Mounting accessories	
	insulation sets
	linings
	auxiliary rafters
	bands
	frame extensions

External accessories	
	awning blinds
	roller shutters

Internal accessories	
	blackout blinds
	roller blinds
	standard roller shutters
	awning blinds
	pleated blinds

Other accessories	
	insect screen

IV. OPTIONS

	External cladding elements painted in any RAL colour or manufactured to match event the most unusual roofing colours (CU, TC)
	Window with a mullion bar
	Non-standard glazing unit
	Available in veneer: golden oak and pine

V. DECLARATION OF PERFORMANCE

Harmonized standard	EN 14351-1:2006+A2:2016
Number of Declaration of Performance	XXX/CPR/14351/xx Individual numbers of Declaration of Performance are to be found in the table with technical parameters

VI. TECHNICAL PARAMETERS

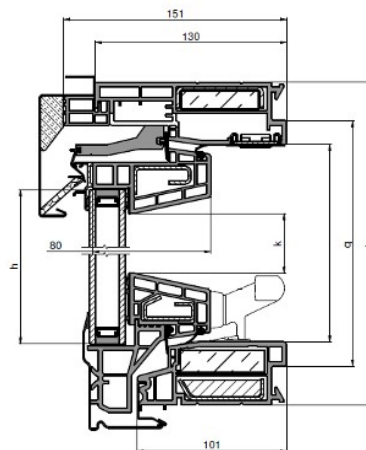
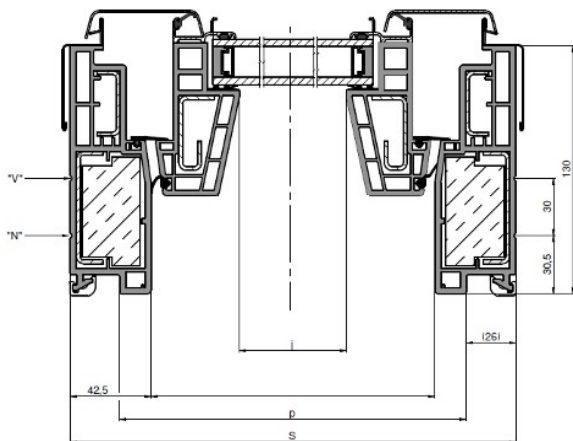
Technical parameters	U3	P2	U5	U5 + EHV AT Thermo	U4	L4	P5	R1	G2	G61	normy
- Window heat transmittance coefficient Uw [W/m²K]	1,3	1,3	1,0	0,88	1,1	1,1	1	1,3	1,3	1,3	EN ISO 12567-2, EN 10077
- Glazing heat transmittance coefficient Ug [W/m²K]	1,0	1,0	0,5	0,5	0,7	0,7	0,5	1,0	1,0	1,0	EN 673
- Acoustic performance Rw [dB]	32 (-1;-4)	33 (-1;-4)	34 (-2;-6)	34 (-2;-6)	33 (-2;-5)	bd	36 (-1;-3)	39 (-2;-5)**	33 (-1;-4)	39 (-2;-5)**	EN ISO 717-1
- max. capacity of air inlet [m³/h] - 10Pa	up to 41										EN 13141
- air permeability class	3										EN 1026, EN 12207
- light permeability tv	0,76	0,75	0,73	0,73	0,68	0,68	0,68	0,75	0,40	0,40	EN 410
- solar factor [g]	0,53	0,52	0,53	0,53	0,46	0,46	0,51	0,24	0,23	0,23	EN 410
- permeability UV	0,26	0,01	0,28	0,28	0,17	0,02	0,01	0,02	0,01	0,01	EN 410
- frame thermal insulation Uf [W/m²K]	npd	npd	npd	1,4	npd	npd	npd	npd	npd	npd	EN ISO 10077-1
- thermal insulation of window frame connection with glazing w (psi) [W/mK]	npd	npd	npd	0,046	npd	npd	npd	npd	npd	npd	EN ISO 10077-2
Number of Declaration of Performance	PO01/CPR/14351/xx	PO01/CPR/14351/xx	PO40/CPR/14351/xx	PO42/CPR/14351/xx	PO04/CPR/14351/xx	PO04/CPR/14351/xx	PO40/CPR/14351/xx	PO60/CPR/14351/xx	P12/CPR/14351/xx	PO60/CPR/14351/xx	EN 14351-1:2006+A2:2016

* Result of FAKRO internal tests

** Parameter for the window without air inlet PTP R1, G61 (For the window PTP-V R1, G61 Rw= 37(-1;-4)

VII. DETAILED DIMENSIONS OF PTP, PTP-V WINDOWS

Window size	Size symbol	Frame external size		Distance between lining grooves		Glazing area		Glazing visible area
		S	x L	p	q	j	k	
[cm]		[mm]						[m²]
55 x 78	01	547	x 770	495	718	369	591	0,22
55 x 98	02	547	x 970	495	918	369	791	0,29
66 x 98	03	657	x 970	605	918	479	791	0,38
66 x 118	04	657	x 1170	605	1118	479	991	0,47
78 x 98	05	777	x 970	725	918	599	791	0,47
78 x 118	06	777	x 1170	725	1118	599	991	0,59
78 x 140	07	777	x 1390	725	1338	599	1211	0,73
94 x 118	08	937	x 1170	885	1118	759	991	0,75
94 x 140	09	937	x 1390	885	1338	759	1211	0,92
114 x 118	10	1137	x 1170	1085	1118	959	991	0,95
114 x 140	11	1137	x 1390	1085	1338	959	1211	1,16
134 x 98	12	1337	x 970	1285	918	1159	791	0,92
78 x 160	13	777	x 1591	725	1539	599	1412	0,85
66 x 140	14	657	x 1390	605	1338	479	1211	0,58
94 x 98	15	937	x 970	885	918	759	791	0,60
55 x 118	16	547	x 1170	495	1118	369	991	0,37
134 x 140	17	1337	x 1390	1285	1338	1159	1211	1,40
134 x 118	18	1337	x 1170	1285	1118	1159	991	1,15
114 x 98	20	1137	x 970	1085	918	959	791	0,76
66 x 78	22	657	x 770	605	718	479	591	0,28
78 x 78	23	777	x 770	725	718	599	591	0,35
94 x 78	24	937	x 770	885	718	759	591	0,45
114 x 78	25	1137	x 770	1085	718	959	591	0,57
134 x 78	26	1337	x 770	1285	718	1159	591	0,68
94 x 160	80	937	x 1591	885	1539	759	1412	1,07



VIII. CAPACITY OF V35 AIR INLET

		Window width [cm]					
		55/..	66/..	78/..	94/..	114/..	134/..
Pressure difference [Pa]							
1	[m³/h]	4,16	6,08	7,58	8,04	12,12	12,12
	[l/s]	1,16	1,69	2,11	2,23	3,37	3,37
2	[m³/h]	6,19	8,77	11,16	11,96	17,7	17,7
	[l/s]	1,72	2,44	3,1	3,32	4,92	4,92
10	[m³/h]	15,05	20,59	25,32	27,55	40,97	40,97
	[l/s]	4,18	5,72	7,03	7,65	11,38	11,38
20	[m³/h]	21,16	29,24	36,71	39,33	59,59	59,59
	[l/s]	5,88	8,12	10,2	10,92	16,55	16,55

