RiVO CONSTRUCT

FINESTRE E PORTE

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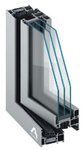
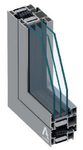
			PVC					ALLUMINIO								
			Salamander pE76	Salamander gE76	Salamander bE82	Salamander bE92	Salamander HST	Aliplast Imperial 65/65i	Aliplast Genesis 75/75i/75i+	Aluprof MB79N	Aluprof MB86N	Aluprof MB77HS	Reynaers CS77	Reynaers ML8	Reynaers ML10	Reynaers MP
																
Profiles	design		straight edges	straight edges	round edges	straight edges	straight edges	straight edges	straight edges	straight edges	straight edges	straight edges	straight edges	straight edges	straight edges	straight edges
	depth	frame	72 mm	76 mm	82 mm	92 mm	194 mm	65 mm	75 mm	70 mm	77 mm	174 mm	68 mm	77 mm	97 mm	180 mm
		sash	72 mm	76 mm	82 mm	92 mm	82 mm	74 mm	84 mm	79 mm	87 mm	77 mm	77 mm	87 mm	107 mm	77 mm
	min. visible width frame + sash		113 mm	118 mm	123 mm	118 mm	170 mm	100 mm	82 mm	97 mm	97 mm	145.5 mm	102 mm	97 mm	104 mm	181 mm
	double opening central width		180 mm	166 mm	196 mm	186 mm	106 mm	149 mm	129 mm	145 mm	145 mm	47.5 mm	144 mm	139 mm	146 mm	50 mm
	insulation		5 chambers	5 chambers	6 chambers	6 chambers	5 chambers	thermal barrier	thermal barrier	thermal barrier	thermal barrier	thermal barrier	thermal barrier	thermal barrier	thermal barrier	thermal barrier
	steel thickness	windows	1.5 mm	1.5 mm	2 mm	2 mm	2 mm	◦	◦	◦	◦	◦	◦	◦	◦	◦
		balcony doors	2 mm	2 mm	2 mm	2 mm	2 mm	◦	◦	◦	◦	◦	◦	◦	◦	◦
		entrance doors	◦	2 mm	2 mm	2 mm	2 mm	◦	◦	◦	◦	◦	◦	◦	◦	◦
	steel type ***	frame	type U	type R (rectangular)	type U	type R (rectangular)	type R (rectangular)	◦	◦	◦	◦	◦	◦	◦	◦	◦
		sash	type U	type G	type U	type G	type G	◦	◦	◦	◦	◦	◦	◦	◦	◦
		mullion	type R (rectangular)	type R (rectangular)	type R (rectangular)	type R (rectangular)	type R (rectangular)	◦	◦	◦	◦	◦	◦	◦	◦	◦
Gaskets	colour	white profiles	grey	grey	grey	grey	grey	black	black	black	black	black	black	black	black	black
		colored profiles	black	black	black	black	black	black	black	black	black	black	black	black	black	black
	number of gaskets		3	3	3	3	2	2		3	3	2	2	3	3	2
Hardware	windows / balcony doors		Maco	Maco	Maco	Maco	Maco	Maco	Maco	Roto	Roto	Roto	Fapim / Sobinco	Fapim / Sobinco	Fapim / Sobinco	Fapim / Sobinco
	doors		Maco	Maco	Maco	Maco	Maco	GU	GU	GU	GU	GU	Fapim / Sobinco	Fapim / Sobinco	Fapim / Sobinco	Fapim / Sobinco
Glass	triple		44 mm	48 mm	48 / 52 mm	52 / 60 mm	48 / 52 mm	48 mm	up to 52 mm	up to 52 mm	up to 60 mm	up to 52 mm	up to 52 mm	up to 60 mm	up to 80 mm	up to 60 mm
	double		24 / 28 mm	28 mm	28 mm	◦	32 mm	28 mm								
	spacer		warm edge	warm edge	warm edge	warm edge	warm edge	warm edge	warm edge	warm edge	warm edge	warm edge	warm edge	warm edge	warm edge	warm edge
Uw (triple glazed)			0.83 W/m^{2}K	0.75 W/m^{2}K	0.75 W/m^{2}K	0.72 W/m^{2}K	0.85 W/m^{2}K	1.10 W/m^{2}K	0.80 W/m^{2}K	0.78 W/m^{2}K	0.75 W/m^{2}K	0.84 W/m^{2}K	≥ 1.0 W/m^{2}K	0.88 W/m^{2}K	0.8 W/m^{2}K	0.82 W/m^{2}K
Uw (double glazed)			1.15 W/m^{2}K	1.09 W/m^{2}K	1.09 W/m^{2}K	◦	1.17 W/m^{2}K									
Water tightness			600 Pa	600 Pa	600 Pa	600 Pa	600 Pa	600 Pa	600 Pa	600 Pa	600 Pa	600 Pa	900 Pa	600 Pa	600 Pa	600 Pa
Air tightness			600 Pa	600 Pa	600 Pa	600 Pa	600 Pa	600 Pa	900 Pa	900 Pa	900 Pa	600 Pa	600 Pa	900 Pa	900 Pa	750 Pa
Wind resistance			1200 Pa	2000 Pa	2000 Pa	2000 Pa	1200 Pa	1600 Pa	2000 Pa	2000 Pa	2000 Pa	1600 Pa	2000 Pa	2000 Pa	2000 Pa	2000 Pa
Anti-burglary			RC1	RC1 up to RC2	RC1 up to RC2	RC1 up to RC2	RC1 up to RC2	RC1 up to RC2	RC1 up to RC2	RC1 up to RC2	RC1 up to RC2	RC1 up to RC2	RC1 up to RC2	RC1 up to RC2	RC1 up to RC2	RC1 up to RC2

Uw is calculated for a window size of 1230x1480mm and a sliding door size of 2200x2200mm with TRIPLE GLAZED Ug=0.5 W/m^{2}K and DOUBLE GLAZED Ug=1.0 W/m^{2}K with WARM EDGE.
The calculation is made in accordance with the standard EN ISO10077-1/2006.

R steel type

G steel type

U steel type