



PROFILE	V70 PERFECTLINE			V82 POWERTHERM+			PN70 BALANCE			PK76 INNOVO			PK76 INNOVO+			KÖMMERLING 88		
profile class	A			A			B			B			B			B		
number of chambers in the frame																		
installation depth	70 mm			82 mm			70 mm			76 mm			76 mm			88 mm		
thickness of the profile walls	3 mm			3 mm			2,7 mm			2,7 mm			2,7 mm			2,7 mm		
number of seals on the perimeter	2			3			2			2			3			3		
type of seals in the profiles	EDPM			EDPM			EDPM			EDPM			EDPM			EDPM		
color of the seal in white windows	black			black			grey			grey			grey			grey		
Uw value from	1,1 W/m²K			0,74 W/m²K			0,79 W/m²K			0,76 W/m²K			0,73 W/m²K			0,71 W/m²K		
Uf value from	1,4			1			1,3			1,1			1			0,91		
steel standard	frame	sash	fixed mullion	frame	sash	fixed mullion	frame	sash	fixed mullion	frame	sash	fixed mullion	frame	sash	fixed mullion	frame	sash	fixed mullion
variant I.																		
reinforced steel:	frame	sash	fixed mullion	frame	sash	fixed mullion	frame	sash	fixed mullion	frame	sash	fixed mullion	frame	sash	fixed mullion	frame	sash	fixed mullion
variant II.																		
variant III.																		
variant IV.																		
variant V.																		
glazing bead (standard glazing package)	straight			straight			straight			straight			straight			straight		
type of glazing package	24 mm			48 mm			24 mm			48 mm			48 mm			48 mm		
possibility of inserting a glazing package	24-40 mm			24-48 mm			24-42 mm			24-48 mm			24-48 mm			44-56 mm		
spacer frame	aluminium			warm TGI			aluminium			aluminium			aluminium			warm TGI		
resistance to wind loads - frame deflection	C2/B4			C2/B2			C5/B5 for single-sash windows C3/B3 multi-sash windows C1/B2 for balcony multi-sash windows			C5/B5			C5/B5			C4/B5 for single-sash windows C1/B2 for windows with flying mullion		
water resistance	5A			9A			9A			9A			9A			9A		
air permeability	4			4			4			4			4			4		
anti-theft catches / 1 sash	1			1			1			1			1			1		
micro-ventilation in the tilt and turn sash	✓			✓			✓			✓			✓			✓		
incorrect tilting lock	✓			✓			✓			✓			✓			✓		
seal of the catch-notch in the frame	✓			✓			✓			✓			✓			✓		
handle	standard aluminium			Square			standard aluminium			standard aluminium			standard aluminium			Hoppe Secustic		
multi-chamber windowsill strip	✓			✓			✓			✓			✓			✓		
transport handles	✓			✓			✓			✓			✓			✓		
warranty period for rectangular windows	5 years (applies to fixed windows or with multi-point locking fittings in the form of tilt and turn, turn or tilt)																	
Possibility of manufacturing:																		
patio door option	✓			✓			✓			✓			✓			✓		
external door option	✓			✓			✓			✓			✗			✓		
option of a window with a window sash with a 2-sided handle and the PZ25 lock	✓			✗			✗			✓			✗			✗		
option of a window with an intermediate sash, a 2-sided handle and a PZ35 lock	✓			✗			✗			✗			✗			✗		
PSK tilt and slide window option	✓			✓			✓			✓			✓			✓		
HS lift and slide window option	✓			✓			✗			✓			✓			✗		

Legend: ✓ - option available; ✗ - option not available