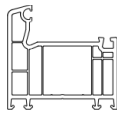
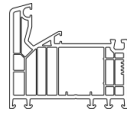
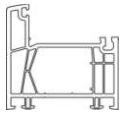
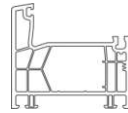
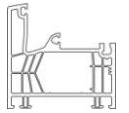
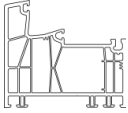












































































PROFILÉ	V70 PERFECTLINE			V82 POWERTHERM+			PN70 BALANCE			PK76 INNOVO			PK76 INNOVO+			KÖMMERLING 88		
Classe du profilé	A			A			B			B			B			B		
Quantité de chambres dans le cadre	 5			 7			 5			 5			 6			 7		
Épaisseur du profilé PVC	70 mm			82 mm			70 mm			76 mm			76 mm			88 mm		
Épaisseur des parois du profilé	3 mm			3 mm			2,7 mm			2,7 mm			2,7 mm			2,7 mm		
Joints périphériques	2			3			2			2			3			3		
Type de joints dans les profilés	EDPM			EDPM			EDPM			EDPM			EDPM			EDPM		
Couleur du joint fenêtres blanches	noir			noir			gris			gris			gris			gris		
Isolation thermique Uw à partir de	1,1 W/m²K			0,74 W/m²K			0,79 W/m²K			0,76 W/m²K			0,73 W/m²K			0,71 W/m²K		
Valeur Uf à partir de	1,4			1			1,3			1,1			1			0,91		
Aile de rénovation disponible	35 mm			35 mm			60 mm			60 mm			X			X		
Acier 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.																		
Acier renforcé	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.																		
Parclose avec composition de vitrage standard	Droit			Droit			Droit			Droit			Droit			Droit		
Composition de vitrage	24 mm			48 mm			24 mm			48 mm			48 mm			48 mm		
Possibilité d'installation de composition de vitrage	24-40 mm			24-48 mm			24-42 mm			24-48 mm			24-48 mm			44-56 mm		
Intercalaire	Aluminium			Chaud TGI			Aluminium			Aluminium			Aluminium			Chaud TGI		
Résistance à la charge du vent/déformation du cadre	C2/B4			C2/B2			C5/B5 fenêtres à un vantail C3/B3 fenêtres à plusieurs vantaux C1/B2 porte-fenêtres à plusieurs vantaux			C5/B5			C5/B5			C4/B5 fenêtres à un vantail C1/B2 fenêtre avec meneau mobile		
Étanchéité à l'eau	5A			9A			9A			9A			9A			9A		
Perméabilité à l'air	4			4			4			4			4			4		
Points anti-effraction/1 ouvrant	1			1			1			1			1			1		
Micro-ventilation dans l'ouvrant OB	✓			✓			✓			✓			✓			✓		
Verrouillage de fausse inclinaison	✓			✓			✓			✓			✓			✓		
Joint de feuillure du cadre	✓			✓			✓			✓			✓			✓		
Poignée	Standard aluminium			Square			Standard aluminium			Standard aluminium			Standard aluminium			Hoppe Secustic		
Sous profil de seuil	✓			✓			✓			✓			✓			✓		
Poignées de transport	✓			✓			✓			✓			✓			✓		
Période de garantie pour les fenêtres rectangulaires	5 ans (pour les fenêtres fixes ou les fenêtres avec ferrures circonférentielles en option battant, d'oscillo-battant, ou à soufflet)																	
Possibilités de réalisation:																		
Option de porte de terrasse	✓			✓			✓			✓			✓			✓		
Option de porte extérieure	✓			✓			✓			✓			X			✓		
Option de fenêtre inclinable et coulissante PSK	✓			✓			✓			✓			✓			✓		
Option système levant-coulissant HS	✓			✓			X			✓			✓			X		

Légende: ✓ - option disponible ; X - option non disponible