





The system is available in a variety of aesthetic shapes to match current architectural styles whilst offering all types of both inward and outward opening windows and doors. Double butt strips between the frame and vent and lowered drainage ensure superior wind and water tightness.

Different inner and outer colours are possible.



TECHNICAL CHARACTERISTICS									
Style variants	FUNCTIONAL	RENAISSANCE	SOFTLINE	HIDDEN VENT					
Min. visible width inward opening window									
Frame	51 mm	51 mm	51 mm	76 mm					
Vent	33 mm	33 mm	33 mm	not visible					
Min. visible width outward opening window									
Frame	17,5 mm	-	-	-					
Vent	76 mm	-	-	-					
Min. visible width inward opening flush door									
Frame	68 mm	-	-	-					
Vent	76 mm	-	-	-					
Min. visible width outward opening flush door									
Frame	42 mm	-	-	-					
Vent	102 mm	-	-	-					
Min. visible width T-profile	76 mm	76 mm 76 mm		126 mm					
Overall system depth window									
Frame	59 mm	68 mm	68 mm	59 mm					
Vent	68 mm	77 mm	77 mm	63.5 mm					
Rebate height	25 mm	25 mm	25 mm	18,5 mm					
Glass thickness	up to 44 mm	up to 44 mm	up to 44 mm	up to 44 mm					
Glazing method	dry glazing with EPDM or neutral silicones								
Thermal insulation	23 mm omega-shaped fibreglass reinforced polyamide strips								

PER	FORMANCES												
	ENERGY												
	Thermal Insulation (1) EN 10077-2	Uf-value between 1.8 W/m²K and 2.9 W/m²K, depending on the frame/vent combination											
	COMFORT												
	Acoustic performance ⁽²⁾ EN ISO 140-3; EN ISO 717-1	Rw (C; Ctr) = 37 (-1; -4) dB / 44 (-2; -5) dB, depending on glazing type											
	Air tightness, max. test pressure (3) EN 1026; EN 12207	1 (150 Pa)		2 (300 P	a)	3 (600 Pa)			4 (600 Pa)		a)		
	Water tightness ⁽⁴⁾ EN 1027; EN 12208	2A (50 Pa)	3A (100 Pa)	1 1	A Pa) (2	5A 00 Pa)	6A (250 Pa)	7A (300 Pa)	8A (450 Pa)	_		750 50 Pa)	E (1200 Pa)
	Wind load resistance, max. test pressure (5) EN 12211; EN 12210	1 (400 Pa)			2 10 Pa)	(12	3 200 Pa)	4 (1600 Pa)		5 (2 000 Pa)		Exxx (> 2 000 Pa)	
	Wind load resistance to frame deflection ⁽⁵⁾ EN 12211; EN 12210	A (£1/150)				B (≤1/200)			C (≤1/300)				
	SAFETY												
	Burglar resistance ⁽⁶⁾ ENV 1627 - ENV 1630	WK 1		WK 2 (windows & doors))	WK 3 (flush doors)					

This table shows classes and values of performances, which can be achieved for specific configurations and opening types.

- (2)
- (3) (4)
- The burglar resistance is tested by statistical and dynamic loads, as well as by simulated attempts to break in using specified tools.

