



Dimensions (in mm)

Visible frame width (louvres)	21	21/28		
Frame depth (louvres)	42,8	50,8		27
Visible frame width (vent)	40	40	37	40
Frame depth (vent)	77	85	70	65
Louvre height	200-450	250-500* * for RC2.339 max.	170-300	131 (fix)
Max. Frame height	unlimited (couplable)	unlimited (couplable)	unlimited (couplable)	unlimited (couplable)
Max. Frame width (without center mullion)	2500	2500	1500	1300
Max. Frame width (with center mullion)	-	-	3000	2600
Blade bearing * off-centre on request	centre-pivoted*	centre-pivoted*	centre-pivoted*	centre-pivoted*
Glazing total thickness	28/32	36/40	8-12	27
Glazing type	double or triple	triple	single/mono	-

EN 14351-1

Air permeability classification EN 12207	Class 4	Class 4	*n.p.d.	*n.p.d.
Watertightness classification EN 12208	5A	bis 8A	*n.p.d.	*n.p.d.
Resistance to wind load EN 12210 /12211	C3/B5	C2/B2	*n.p.d.	*n.p.d.
Thermal Performance U-Value EN ISO 10077-1	up to 1,1 or 1,5 W/m²K* * dependant on type of glazing	up to 0,8 W/m²K	*n.p.d.	up to 2,2 W/m²K
Security in accordance with EN 1627- EN 1630: RC2	RC2	RC2	*n.p.d.	-
Tested sound reduction EN ISO 10140-1/2* * with corresponding sound insulation glazing	40dB	41dB	25dB	*n.p.d.
Fall protection DIN 18008-4, Building regulations Section A part 2	✓	✓	-	-
Impact resistant DIN 18032-3	✓	✓	-	-

EN 12101-2:2003 (NS-HEV)

Aerodynamic effective opening area (Flow coefficient Cvo 85°)	0,58	0,59	0,62	0,61
Wind load classification	WL 3000	WL 3000	WL 2900	WL 3000
Low ambient temperature classification* * T(-15) available on request	T (-5)	T (-5)	T (-5)	T (-5)
Reliability classification	Re 1000 (Typ B)	Re 1000 (Typ B)	Re 1000 (Typ B)	Re 1000 (Typ B)
Snowload classification	SL 0	SL 0	SL 0	SL 0

Others

Anti-trap protection: The Machinery Directive 2006/42/EG	SK 3 (SK 4)	SK 3 (SK 4)	SK 3 (SK 4)	SK 3 (SK 4)
Polyester Powder Coating (Standard colour range IGP oder Tiger)* * High weather resistant, NCS or other special colours available on request with powder number and manufacturer	RAL / DB Anodized E6-EV1	RAL / DB Anodized E6-EV1	RAL / DB Anodized E6-EV1	RAL / DB Anodized E6-EV1