



# Optional performance of the Metal+ swing door

## Cumulative performances - [www.heinen-doors.com](http://www.heinen-doors.com)

	Fire resistance	Fire resistance	Fire resistance	Burglary resistance	Burglary resistance	Bullet proof	Acoustic performance	Blast proof	Airtightness	Watertightness	Wind resistance	Thermal insulation	Smoke tightness			
Symbol	E, EW, EI	Rf	CF	RC	/	FB	A	/	L	E	V	T	S			
Country	Europe	Belgium	France	Europe	France	Europe	Europe	Europe	Europe	Europe	Europe	Europe	Europe			
Norms	EN 13501-2 EN 1634-1	NBN 713020 + Benor Atg	Ministerial decree 03/08/99	EN 1627 EN 1628 EN 1629 EN 1630	NF P20-551 NF P20-320	EN 1522 EN 1523	EN ISO 717-1 EN ISO 140-3	EN 13124-1 EN 13123-1	EN 12207 EN 1026	EN 12208 EN 1027	EN 12210 EN 12211	EN 10077-1 EN 10077-2	EN 13501-2 EN 1634-3			
Resistance class	E, EI1, EI2, EW: 15 20 30 45 60 90 120 180 240	Rf: 30 60 90 120 ...	CF: 30 60 90 120 ...	RC1 RC2 RC3 RC4 RC5 RC6	Niv 5 A Niv 5 A, B Niv 5 A, B, B+	FB1 FB2 FB3 FB4 FB5 FB6 FB7 FSG	According to declared values: Rw (C ; Ctr) (dB)	EXR1 EXR2 EXR3 EXR4 EXR5	L1 L2 L3 L4	Method A 0 1A 2A 3A 4A 5A 6A 7A 8A 9A Exxx	Method B 0 1B 2B 3B 4B 5B 6B 7B	VA1 VA2 VA3 VA4 VA5	VB1 VB2 VB3 VB4 VB5	VC1 VC2 VC3 VC4 VC5	According to declared values Uw: T0: >3.5 W/m²K T1: ≤3.5 W/m²K T2: ≤3.0 W/m²K T3: ≤2.5 W/m²K T4: ≤2.0 W/m²K T5: ≤1.5 W/m²K T6: ≤1.0 W/m²K	Sa Sm (200°C)
Heinen class	EI1 30, EI2 30 EI1 60, EI2 60 EI1 120, EI2 120 EI2 180  E(W) 60 E(W) 90 E(W) 120 E(W) 180	Rf 30 Rf 60	CF 30 CF 60 CF 90 CF 120	Single doors: RC1 to RC5  Double doors: RC1 to RC4	Niv 5 A, B Niv 5 A, B, B+	FB4 FB5 FB6 FB7	Single doors: Rw 36 to 55  Double doors: Rw 39 to 53	On demand	Pressure on hinge side: until L4  Pressure on non-hinge side: until L2	Single doors: > 9A (E750)  Double doors: 6A Method A: products totally exposed  Method B : products partially exposed	VC4	T0 T1 T2 T3 T4 T5 Under conditions	Sa Sm (200°C)			