

SYSTEM COMPARISON

Performance	KELLER minimal windows®	KELLER minimal windows®4+
Maximum glass thickness	34 mm	56 mm
Maximum leaf weight	500 kg	1,000 kg
Maximum leaf height	4,000 mm	4,500 mm
Thermal transmission coefficient	$U_w \geq 1.1 \text{ W/m}^2\text{K}$	$U_w \geq 0.70 \text{ W/m}^2\text{K}$
Applicable glass types	insulated glass double-glazed Heat Mirror® special glass types	insulated glass triple-glazed Heat Mirror® special glass types
Maximum leaf size sliding	8.5 m ²	12 m ²
Maximum leaf size fixed	18 m ²	18 m ²
Facing width from centre point	21 mm	26 / 34 mm
Installation flush to the floor	yes	yes
Installation flush to the ceiling	yes	yes
Integration into wall (pocket)	yes	yes
Barrier-free accessibility	yes	yes
System configuration	1-2-3-4 track(s)	1-2-3 track(s)
Open corner (inside / outside)	yes	yes

*according to glass value, psi-value, installation situation, dimension

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Performance	KELLER minimal windows®	KELLER minimal windows®4+
Burglary-resistant glass	yes	yes
Bullet-resistant glass	yes	yes
Locking system	1-2-4 point	2-4 point
Locked gap positions	20 / 40 mm / motorized	20 / 40 mm / motorized
Resistance to burglary	up to WK2 (RC2) according to EN 1627	up to WK2 (RC2) according to EN 1627
Electric drive	yes	yes
Telescopic e-drive (1 drive / several leaves)	up to 2,000 kg	up to 2,000 kg
Integrated opening / locking monitoring	yes	yes
Rollers / running rails	stainless steel / stainless steel	stainless steel / stainless steel
Hollow-chamber drainage system	yes	yes
Minergie®-Standard	-	yes
Air permeability	class 4 according to EN 12207	class 4 according to EN 12207
Driving rain tightness	class 7A according to EN 12208	class E1050 according to EN 12208
Resistance to wind load	class C4/B5 according to EN 12210	class C5 according to EN 12210
Sound protection Rw (C; Ctr) (dB) up to	36 (-2;-4)	43 (-1;-5)