

Integrity

GLASS REFERENCE	PYROSEC 7 & 9 EXT	PYROSEC 9 EXT	PYROSEC 10	PYROSEC 12 & EXT
Applications	Timber, Steel and Composite Doorsets, IGU's. Timber and steel screens	Steel Doorsets. Timber, Steel and Aluminium screens	Timber doorsets. Timber. Steel and Aluminium screens	Timber doorsets. Timber and steel screens
Fire Resistance Performance (mins)	E30 & E60*	E30	E30	E30 & E60
Safety Rating EN12600	3B3	1B1	2B2	2B2
Light Transmission (EN410)	89%	86%	86%	86% & 85% EXT
Ug Value (EN673) W/(m²K)	5.7	5.5	5.6	5.6 & 5.4 EXT
Sound Reduction (EN12758) RW(C,Ctr) dB	34/37	34/37	37	36
Dimensional Tolerance (mm)	±2mm	±2mm	±2mm	±2mm
Glass Thickness (mm)	7.9/12.06mm	12.06mm	11mm	12.3mm
Thickness tolerance (mm)	± 0.9mm	± 1.5mm	± 1mm	± 1mm
Weight kg/m²	17 KG	28 KG	26 KG	27KG & 35KG

Integrity & Insulation

GLASS REFERENCE	PYROSEC 16&16 EXT	PYROSEC 17N&17N EXT	PYROSEC 25&25 EXT	PYROSEC 30&30 EXT	PYROSEC 53&53 EXT
Applications	Timber, steel & aluminium doorsets and screens. Butt joint in timber, steel, aluminium. Timber, steel & aluminium screens	Timber, steel Aluminium screens	Timber, steel & aluminium doorsets and screens. Butt joint in timber, steel, aluminium. Timber, steel & aluminium screens	Steel & timber screens. Butt joint in steel.	Steel screens and butt joint
Fire Resistance Performance (mins)	EI30, E60 & EI60/30*	E60 & EI60/30*	EI60	EI90	EI120
Safety Rating EN12600	2B2/1B1	1B1	1B1	1B1	1B1
Light Transmission (EN410)	85% & 84%	86% & 85%	82%	81% & 80%	75% & 73%
Ug Value (EN673) W/(m²K)	5.3	5.4 & 5.2	5.1 & 5.0	5.0 & 4.8	4.5 & 4.4
Sound Reduction (EN12758) RW(C,Ctr) dB	39	39 & 40	40 & 43	42 & 43	48 & 49
Dimensional Tolerance (mm)	±2mm	±2mm	±2mm	±2mm	±2mm
Glass Thickness (mm)	17.3mm & 21.1mm	17.8mm & 21.6mm	26.6mm & 30.4mm	30mm & 33.7mm	52.7mm & 56.5mm
Thickness tolerance (mm)	± 1mm & 1.5mm	± 1.5mm & 1.8mm	± 2mm	± 2.5mm & 2.8mm	± 3mm
Weight kg/m²	40KG & 48KG	40KG & 48KG	60KG & 68KG	69KG & 77KG	122KG & 130KG

*dependent on test evidence

GLASS REFERENCE	PYROSEC 54	PYROSEC 25-25 IGU	PYROSEC 19 H	PYROSEC 28H	PYROSEC 33 H
Applications	Steel screens and butt joint	Steel screens	Horizontal steel screens and roofs	Horizontal steel screens and roofs	Horizontal steel roofs
Fire Resistance Performance (mins)	EI120	EI120	EI30	EI60 & E60I30	EI60
Safety Rating EN12600	1B1	1B1	1B1	1B1	1B1
Light Transmission (EN410)	75%	68%	85%	78%	80%
Ug Value (EN673) W/(m²K)	4.4	2.9	5.2	5	4.9
Sound Reduction (EN12758) RW(C,Ctr) dB	49	NPD	39	41	44
Dimensional Tolerance (mm)	±2mm	±2mm	±2mm	±2mm	±2mm
Glass Thickness (mm)	54mm	NPD	19.1mm	28.4mm	33.2mm
Thickness tolerance (mm)	± 3mm	± 4mm	± 1.5mm	± 2mm	± 2.5mm
Weight kg/m²	124KG	APPROX 128KG	43KG	63KG	77KG

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