



Aluminium Windows

	Passiv AluP Window	Ecotherm + Window
Designs		
Material	Aluminium with an insulated core	Thermally broken aluminium
Casement	√	√
Top Hung	√	√
Side Hung	√	√
Multilights	√	√
Fixed	√	√
Tilt & Turn	√	√
Vertical Slider		
Flush Casement		
Fully Reversible		
Bay Windows	√	√
Bow Windows	√	√
Angle Windows	√	√
Arch Windows		
External Bead		√
Internal Bead	√	√
Double Glazed	√	√
Triple Glazed	√	√
Glazing		
Gas Fill	Argon	Argon
Warm Edge Spacer Bar	√	√
Low Emissivity Glass	√	√
Glazing Standards	BS EN1279	BS EN1279
Safety Glass	BS EN 12150	BS EN 12150
Laminated Glass	BS EN 14449	BS EN 14449
Standard Double Glazed - Centre Pane - Ug	1.0W/m ² K	1.0W/m ² K
Standard Double Glazed - Solar Gain - g	0.52	0.5
Standard Double Glazed - Light transmission Lt	72%	71%
Standard Double Glazed - Noise Reduction - Rw	30dB	30dB
Standard Triple Glazed - Ug	0.5W/m ² K	0.7W/m ² K
Standard Triple Glazed - Solar Gain - g	0.41	0.41
Standard Triple Glazed - Light Transmission - Lt	59%	59%
Standard Triple Glazed - Noise Reduction - Rw	32dB	31dB

Note where a specific glazing performance is required non-standard glazing solutions are available

Regulations & Standards

Standard	BS4873	BS4873
Product Certification	BSI Kite Mark	BSI Kite Mark
Management System	ISO9001	ISO9001
CE Marking	BS EN 14351	BS EN 14351
Secured By Design	√	√
Passiv Certified	√	
Building Regulations Part B Compliant	√	√
Building Regulations Part F Compliant	√	√
Building Regulations Part K Compliant	√	√
Building Regulations Part L Compliant	√	√

COLOUR OPTIONS

RAL Colours	√	√
Wood Effect	√	√
Dual Colours	√	√

HARDWARE

Central locking	√	√
Night Vent	√	√
Locking Handles	√	√
Restrictor	√	√
Friction Hinge	√	√
Trickle Vents	√	√
Multi-point locking		

PHYSICAL TESTING

Airtightness Tested	Class 4 BS EN 12207:2000	Class 4 BS EN 12207:2000
Watertightness Tested	Class 7A BS EN 12208:2000	Class E1050 BS EN 12208:2000
	Class A5 BS EN 12210:2000	Class A5 BS EN 12210:2000
Wind Resistance Tested	1.2W/m ² K	1.4W/m ² K
Security Tested	PAS24:2012	PAS24:2012
U-value - double glazed	1.2W/m ² K	1.4W/m ² K
U-value - triple glazed	0.7W/m ² K	1.2W/m ² K