



Aluminium Doors

	Passiv AluP Door	Ecotherm + Door
Designs		
Material	Aluminium with an insulated core	Thermally broken Aluminium
Casement		
Single Door	√	√
Double door	√	√
Sliding Door	√	√
Bi-Folding Door	√	
Sidelight	√	√
Fanlight	√	√
Open In	√	√
Open Out	√	√
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	1.2W/m ² K	1.2W/m ² K
Standard Double Glazed - Solar Gain - g	0.73	0.73
Standard Double Glazed - Light transmission Lt	81%	81%
Standard Double Glazed - Noise Reduction - Rw	30dB	30dB
Standard Triple Glazed - Ug	0.6W/m ² K	0.7W/m ² K
Standard Triple Glazed - Solar Gain - g	0.63	0.63
Standard Triple Glazed - Light Transmission - Lt	72%	72%
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
Management System	ISO9001	ISO9001
CE Marking	BS EN 14351	BS EN 14351
Secured By Design		√
Passiv Certified		
Building Regulations NI Part F Compliant	√	√
Building Regulations NI Part R 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 3 BS EN 12207:2000
Watertightness Tested		Class 8A BS EN 12208:2000
Wind Resistance Tested		
Security Tested		PAS24:2012
U-value - double glazed	1.3W/m ² K	1.5W/m ² K
U-value - triple glazed	0.8W/m ² K	1.2W/m ² K