



uPVC Doors

	HP Door	Passive PVC Door	GRP Door
Designs			
Material	uPVC	uPVC	Composite
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	Argon
Warm Edge Spacer Bar	√	√	√
Low Emissivity Glass	√	√	√
Glazing Standards	BS EN1279	BS EN1279	BS EN1279
Safety Glass	BS EN 12150	BS EN 12150	BS EN 12150
Laminated Glass	BS EN 14449	BS EN 14449	BS EN 14449
Standard Double Glazed - Centre Pane - Ug	1.2W/m ² K	1.2W/m ² K	1.2W/m ² K
Standard Double Glazed - Solar Gain - g	0.73	0.73	0.73
Standard Double Glazed - Light transmission Lt	81%	81%	81%
Standard Double Glazed - Noise Reduction - Rw	30dB	30dB	30dB
Standard Triple Glazed - Ug	0.8W/m ² K	0.6W/m ² K	0.7W/m ² K
Standard Triple Glazed - Solar Gain - g	0.63	0.63	0.63
Standard Triple Glazed - Noise Reduction - Rw	31dB	32dB	31dB
Note where a specific glazing performance is required non-standard glazing solutions are available			
Regulations & Standards			
Standard	BS7412	BS7412	BS7412
Product Certification	BSI Kite Mark	BSI Kite Mark	BSI Kite Mark
Management System	ISO9001	ISO9001	ISO9001
CE Marking	BS EN 14351	BS EN 14351	BS EN 14351
Secured By Design	√	√	√
Passiv Certified			
Building Regulations Part L Compliant	√	√	√
Building Regulations Part M 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	Class 4 BS EN 12207:2000
Watertightness Tested	Class 5A BS EN 12208:2000	Class 8A BS EN 12208:2000	Class 3A BS EN 12208:2000
Wind Resistance Tested	Class 5 BS EN 12210:2000	Class A3 BS EN 12210:2000	Class A3 BS EN 12210:2000
Security Tested	PAS24:2016	PAS24:2016	PAS24:2016
U-value - double glazed	1.4W/m ² K	1.2W/m ² K	1.2W/m ² K
U-value - triple glazed	1.2W/m ² K	0.7W/m ² K	0.7W/m ² K