



uPVC Windows

	HP Window	Passive PVC Window
Designs		
Material	uPVC	uPVC
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	1.2W/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	0.8W/m ² K	0.6W/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	31dB	32dB
Note where a specific glazing performance is required non-standard glazing solutions are available		
Regulations & Standards		
Standard	BS7412	BS7412
Product Certification	BBA	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 9A BS EN 12208:2000	Class E900 BS EN 12208:2000
Wind Resistance Tested	Class C5 BS EN 12210:2000	Class C5 BS EN 12210:2000
Security Tested	PAS24:2016	PAS24:2016
U-value - double glazed	1.4W/m ² K	1.2W/m ² K
U-value - triple glazed	1.1W/m ² K	0.7W/m ² K