



AluClad Windows

	Passiv Aluclad Window	AluClad Window
Designs		
Material	Laminated pine internal & Aluminium external with an insulated core	Laminated pine internal & Aluminium external
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	0.6W/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	32dB	32dB
note where a specific glazing performance is required non-standard glazing solutions are available		
Regulations & Standards		
Standard	BS7412	BS 644
Product Certification Management System	BBA 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	
Watertightness Tested	Class 9A BS EN 12208:2000 Class CE2400 BS EN 12210:2000	
Wind Resistance Tested	PAS 24:2016	
Security Tested	PAS 24:2016	
U-value - double glazed	1.2W/m ² K	
U-value - triple glazed	0.7W/m ² K	