

Reynaers MasterLine 8 Door

Benefits

High thermal performance

Idea for low-energy, cost-saving buildings

Three types of insulation variants, including Passive House and LEED components

Available in four types: Balcony Door, Panel Door, Standard Pivot Door, XL Pivot Door

Burglarproof

Technical Information

Reynaers MasterLine 8 Door – Performance EU Units

Energy	
Thermal Insulation – U_f	1.3 W/m ² K
Thermal Insulation - U_w	0.98 W/m ² K
Comfort	
Air tightness	Class 4 (600Pa)
Water tightness	Class 7A (300Pa)
Acoustics – $R_w(C;Ctr)$	43(-1;-4) dB
Wind load resistance	Class C3 (1200Pa)
Safety	
Burglar resistance	RC2, RC3, PAS 24
Fire resistance	█
Impact resistance	█

Info.

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Performance US Units

Energy	
Thermal Insulation – U _w -Double	0.26 Btu/hr.ft ² .°F
Thermal Insulation – U _w -Triple	0.2 Btu/hr.ft ² .°F
Comfort	
Air tightness	0.01 cfm/ft ³ / Class 4 (600Pa)
Water tightness	15 psf / Class 7A (300Pa)
Wind load resistance	Class C3 (1200Pa)
AAMA rating	Class AW
PG rating	70
Acoustics STC	43 dB
Acoustics OITC	35 dB
Safety	
Burglar resistance	RC2, RC3
Fire resistance	EI ₂ 30
Impact resistance	I5/E5

Info.

Address: Ampelia, Ioannina 45 500 Greece. - Web: www.simpasus.com // info@simpas.gr - Phone: +30 26510 92177 // +30 697 668 9259

Reynaers MasterLine 8 Window

Properties EU Units

Max. Dimensions & Weight			
Min. height of vent	600 mm	Max. width of vent	1700 mm
Max. height of vent	2800 mm	Max. weight of vent	300 kg
Min. width of vent	450 mm	Max. weight of glass	1200 kg
Sightlines			
Min. frame width (inward opening)	53 mm	Min. frame-vent width (outward opening)	138 mm
Min. vent width (inward opening)	37 mm	Min. width T-profile	50 mm
Min. frame-vent width (inward opening)	97 mm	Depth frame	77 mm
Min. frame width (outward opening)	20 mm	Depth vent	87 mm
Min. vent width (outward opening)	118 mm	Depth frame-vent	87 mm
Glazing			
Min. glass thickness – frame/element	4 mm	Max. glass thickness – frame/element	62 mm
Min. glass thickness - vent	13 mm	Max. glass thickness - vent	72 mm
Rebate height	27 mm		
Glazing method	Dry glazing, Siliconized glazing, Internal glazing, External Glazing, Glazing bead		

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Properties USA Units

Max. Dimensions & Weight			
Min. width of element	19 11/16 inch	Max. width of vent	55 1/8 inch
Min. height of vent	19 11/16 inch	Max. weight of vent	551 lbs
Max. height of vent	118 1/8 inch	Max. weight of fixed vent	551 lbs
Min. width of vent	19 11/16 inch	Max. weight of glass	2645 lbs
Sightlines			
Min. frame width (inward opening)	2 11/16 inch	Min. frame-vent width (outward opening)	6 inches
Min. vent width (inward opening)	3 1/16 inch	Min. width T-profile	1 15/16 inch
Min. frame-vent width (inward opening)	6 inches	Depth frame	3 1/16 inch
Min. frame width (outward opening)	1 11/16 inch	Depth vent	3 1/16 inch
Min. vent width (outward opening)	4 1/8 inch	Depth frame-vent	3 1/16 inch
Glazing			
Min. glass thickness – frame/element	3/16 inch	Max. glass thickness – frame/element	2 5/16 inch
Min. glass thickness - vent	3/16 inch	Max. glass thickness - vent	2 5/16 inch
Rebate height	1 1/16 inch		
Glazing method	Dry glazing, Siliconized glazing, Internal glazing, Glazing bead		

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