

Reynaers MasterLine 8 Window

Benefits

High thermal performance

Idea for low-energy, cost-saving buildings

Wide field of applicability

Available in four design variants

Deco and Renaissance design variant inspired by the looks of wooden windows

Technical Information

MasterLine 8 Window – Performance EU Units

Energy	
Thermal Insulation – U_f	1.0 W/m ² K
Thermal Insulation - U_w	0.88 W/m ² K
Comfort	
Air tightness	Class 4 (600Pa)
Water tightness	Class E900 (900Pa)
Acoustics – $R_w(C;Ctr)$	TuTi: 46(0;-3) dB, DC: 44(-2;-4) dB
Wind load resistance	Class C5 (2000Pa)
Opening & closing resistance	Class 1
Safety	
Burglar resistance	RC2, RC3, PAS 24
Impact resistance	I5/E5

Info.

Reynaers MasterLine 8 Window

Performance US Units

Energy	
Thermal Insulation – U_w	U_w Double: 0.23 Btu/hr.ft ² .°F
	U_w Triple: 0.16 Btu/hr.ft ² .°F
Comfort	
Air tightness	0.01 cfm/ft ³ / Class 4(600Pa)
Water tightness	15 psf / Class E900(900Pa)
Wind load resistance	Class C5(2000Pa)
AAMA rating	Class AW
PG rating	70
Acoustics STC	50 dB
Acoustics OITC	44 dB
Safety	
Burglar resistance	RC2, RC3, PAS 24
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		

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 USA Units

Max. Dimensions & Weight			
Min. height of vent	23 5/8 inch	Max. width of vent	66 15/16 inch
Max. height of vent	110 1/4 inch	Max. weight of vent	661 lbs
Min. width of vent	17 11/16 inch	Max. weight of glass	2645 lbs
Sightlines			
Min. frame width (inward opening)	2 1/16 inch	Min. frame-vent width (outward opening)	5 7/16 inch
Min. vent width (inward opening)	1 7/16 inch	Min. width T-profile	1 15/16 inch
Min. frame-vent width (inward opening)	3 13/16 inch	Depth frame	3 1/16 inch
Min. frame width (outward opening)	13/16 inch	Depth vent	3 7/16 inch
Min. vent width (outward opening)	4 5/8 inch	Depth frame-vent	3 7/16 inch
Glazing			
Min. glass thickness – frame/element	3/16 inch	Max. glass thickness – frame/element	2 7/16 inch
Min. glass thickness - vent	1/2 inch	Max. glass thickness - vent	2 13/16 inch
Rebate height	1 1/16 inch		
Glazing method	Dry glazing, Siliconized glazing, Internal glazing, External Glazing, Glazing bead		

Info.

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