

Reynaers MasterLine 10 Door

Benefits

Excellent thermal performance

Suitable for Passive House and LEED-certified green buildings

Sustainable, eco-friendly product

Functional design that fits any building style

Technical Information

Reynaers MasterLine 10 Door – Performance EU Units

Energy	
Thermal Insulation – U_f	0.89 W/m ² K
Thermal Insulation - U_w	0.81 W/m ² K
Comfort	
Air tightness	Class 4 (600Pa)
Water tightness	Class 9A (600Pa)
Acoustics – $R_w(C;Ctr)$	40(-1;-5) dB
Wind load resistance	Class C3 (1200Pa)
Safety	
Burglar resistance	RC2, RC3

Info.

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Performance US Units

Energy	
Thermal Insulation – U _w -Triple	0.17 Btu/hr.ft ² .°F
Comfort	
Air tightness	0.01 cfm/ft ³ / Class 4 (600Pa)
Water tightness	12 psf / Class 9A (600Pa)
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

Info.

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

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Properties EU Units

Max. Dimensions & Weight			
Max. height of vent	3000 mm	Max. weight of vent	250 kg
Min. width of vent	500 mm	Max. weight of glass	1200 kg
Max. width of vent	1400 mm		
Sightlines			
Min. frame width (inward opening)	83.5 mm	Min. width T-profile	87 mm
Min. vent width (inward opening)	71.5 mm	Depth frame	97 mm
Min. frame-vent width (inward opening)	162 mm	Depth vent	97 mm
Min. frame width (outward opening)	27 mm	Depth frame-vent	97 mm
Min. vent width (outward opening)	110.5 mm	Max. depth T-profile	97 mm
Min. frame-vent width (outward opening)	162 mm		
Glazing			
Min. glass thickness – frame/element	20 mm	Max. glass thickness – frame/element	78 mm
Min. glass thickness - vent	20 mm	Max. glass thickness - vent	78 mm
Rebate height	27 mm		
Glazing method	Dry glazing, Siliconized glazing, Internal glazing, Glazing bead		

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Properties USA Units

Max. Dimensions & Weight			
Max. height of vent	118 1/8 inch	Max. weight of vent	551 lbs
Min. width of vent	19 11/16 inch	Max. weight of glass	2645 lbs
Max. width of vent	55 1/8 inch		
Sightlines			
Min. frame width (inward opening)	3 5/16 inch	Min. width T-profile	3 7/16 inch
Min. vent width (inward opening)	2 13/16 inch	Depth frame	3 13/16 inch
Min. frame-vent width (inward opening)	6 3/8 inch	Depth vent	3 13/16 inch
Min. frame width (outward opening)	1 1/16 inch	Depth frame-vent	3 13/16 inch
Min. vent width (outward opening)	4 3/8 inch	Max. depth T-profile	3 13/16 inch
Min. frame-vent width (outward opening)	6 3/8 inch		
Glazing			
Min. glass thickness – frame/element	13/16 inch	Max. glass thickness – frame/element	3 1/16 inch
Min. glass thickness - vent	13/16 inch	Max. glass thickness - vent	3 1/16 inch
Rebate height	1 1/16 inch		
Glazing method	Dry glazing, Siliconized glazing, Internal glazing, Glazing bead		

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