Reynaers MasterPatio Sliding System

Benefits

High thermal and acoustic performance

High insulation variant available for boosting performance even further

A sustainable product made by recycled materials, and reduced waste during the process

Four design variants to choose from: 2-rail, 3-rail, Monorail Inside Glazed, Monorail Outside Glazed

Burglarproof variant available to meet the highest security and safety requirements

Technical Information

Reynaers MasterPatio Sliding System – Performance EU Units

Energy	
Thermal Insulation – U_f	0.82 W/m²K
Comfort	
Air tightness	Class 4 (600Pa)
Water tightness	Class E1200 (1200Pa)
Acoustics – R_w(C;Ctr)	44(-1;-4) dB
Wind load resistance	Class C5 (2000Pa)
Safety	
Burglar resistance	RC2, PAS 24
Impact resistance	

Info.
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Performance US Units

Energy	
Thermal Insulation – U_w -Double	0.30 Btu/hr.ft².°F
Thermal Insulation – U_w -Triple	0.21 Btu/hr.ft².°F
Comfort	
Air tightness	0.08 cfm/ft³ / Class 4 (600Pa)
Water tightness	12 psf / Class E1200 (1200Pa)
Wind load resistance	Class C5 (2000Pa)
AAMA rating	Class AW
PG rating	60
Acoustics STC	44 dB
Safety	
Burglar resistance	RC2, PAS 24
Impact resistance	I4

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Properties EU Units

Max. Dimensions & Weight			
Min. height of element	1906 mm	Max. height of vent	3600 mm
Max. height of element	3706 mm	Min. width of vent	700 mm
Min. width of element	1393 mm	Max. width of vent	3000 mm
Max. width of element	3000 mm	Max. weight of vent	500 kg
Min. height of vent	1800 mm	Max. weight of fixed vent	1200 kg
Sightlines			
Min. width central closer	181 mm	Depth frame-vent	180 mm
Min. width meeting section	50 mm	Depth frame monorail	180 mm
Min. width transom profile	50 mm	Depth frame 2-rail	180 mm
Min. height threshold	4 mm	Depth frame 3-rail	283 mm
Depth vent	77 mm		
Glazing			
Min. glass thickness – frame/element	16 mm	Max. glass thickness – frame/element	62 mm
Min. glass thickness - vent	16 mm	Max. glass thickness - vent	63 mm
Rebate height	16 mm		
Glazing method	Dry glazing, Siliconized glazing, Internal glazing, External glazing, Glazing Bead		

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Properties USA Units

Max. Dimensions & Weight			
Min. height of element	75 1/16 inch	Max. height of vent	141 3/4 inch
Max. height of element	145 7/8 inch	Min. width of vent	27 9/16 inch
Min. width of element	54 13/16 inch	Max. width of vent	118 1/8 inch
Max. width of element	118 1/8 inch	Max. weight of vent	1102 lbs
Min. height of vent	70 7/8 inch	Max. weight of fixed vent	2645 lbs
Sightlines			
Min. width central closer	7 1/8 inch	Depth frame-vent	7 1/16 inch
Min. width meeting section	1 15/16 inch	Depth frame monorail	7 1/16 inch
Min. width transom profile	1 15/16 inch	Depth frame 2-rail	7 1/16 inch
Min. height threshold	3/16 inch	Depth frame 3-rail	11 1/8 inch
Depth vent	3 1/16 inch		
Glazing			
Min. glass thickness – frame/element	5/8 inch	Max. glass thickness – frame/element	2 7/16 inch
Min. glass thickness - vent	5/8 inch	Max. glass thickness - vent	2 1/2 inch
Rebate height	1 1/16 inch		
Glazing method	Dry glazing, Siliconized glazing, Internal glazing, External glazing, Glazing Bead		

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