

Reynaers SlimLine 38 Door

Benefits

Minimal design

High thermal insulation

Ideal for new buildings and renovations

Three design variants: Classic, Cubic, Fero. All inspired by the looks of classic steel windows

Burglarproof version available

Technical Information

Reynaers SlimLine 38 Door – Performance EU Units

Energy	
Thermal Insulation – U_f	1.6 W/m ² K
Thermal Insulation - U_w	1.00 W/m ² K
Comfort	
Air tightness	Class 2 (300Pa)
Water tightness	Class 5A (200Pa)
Acoustics – $R_w(C;Ctr)$	45(-1;-5) dB
Wind load resistance	Class C3 (1200Pa)
Safety	
Burglar resistance	RC2, PAS 24
Fire resistance	EW 30

Info.

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Performance US Units

Energy	
Thermal Insulation – U _w -Double	0.30 Btu/hr.ft ² .°F
Thermal Insulation – U _w -Triple	0.25 Btu/hr.ft ² .°F
Comfort	
Air tightness	0.05 cfm/ft ³ / Class 2 (300Pa)
Water tightness	11 psf / Class 5A (200Pa)
Wind load resistance	Class C3 (1200Pa)
AAMA rating	Class CW
PG rating	40
Acoustics STC	38 dB
Acoustics OITC	34 dB
Safety	
Burglar resistance	RC2, PAS 24
Fire resistance	EW 30

Info.

Address: Ampelia, Ioannina 45 500 Greece. - Web: www.simpasus.com // info@simpasus.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	160 kg
Min. width of vent	750 mm	Max. weight glass	300 kg
Max. width of vent	1400 mm		
Sightlines			
Min. frame width (inward opening)	38.5 mm	Min. frame-vent width (outward opening)	86 mm
Min. vent width (inward opening)	23 mm	Min. width T-profile	52 mm
Min. frame-vent width (inward opening)	72.5 mm	Depth frame	99 mm
Min. frame width (outward opening)	19 mm	Depth vent	86 mm
Min. vent width (outward opening)	60.5 mm	Depth frame-vent	109 mm
Profile design slope	24.2 degrees		
Glazing			
Min. glass thickness – frame/element	16 mm	Max. glass thickness – frame/element	55 mm
Min. glass thickness - vent	10 mm	Max. glass thickness - vent	55 mm
Rebate height	13.5 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	352 lbs
Min. width of vent	29 1/2 inch	Max. weight glass	661 lbs
Max. width of vent	55 1/8 inch		
Sightlines			
Min. frame width (inward opening)	1 1/2 inch	Min. frame-vent width (outward opening)	3 3/8 inch
Min. vent width (inward opening)	7/8 inch	Min. width T-profile	2 1/16 inch
Min. frame-vent width (inward opening)	2 7/8 inch	Depth frame	3 7/8 inch
Min. frame width (outward opening)	3/4 inch	Depth vent	3 3/8 inch
Min. vent width (outward opening)	2 3/8 inch	Depth frame-vent	4 5/16 inch
Profile design slope	24.2 degrees		
Glazing			
Min. glass thickness – frame/element	5/8 inch	Max. glass thickness – frame/element	2 3/16 inch
Min. glass thickness - vent	3/8 inch	Max. glass thickness - vent	2 3/16 inch
Rebate height	9/16 inch		
Glazing method	Dry glazing, Siliconized glazing, Internal glazing, Glazing bead		

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