

Reynaers SlimLine 38 Window

Benefits

Minimal design

High thermal insulation variants

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

SlimLine 38 Window – Performance EU Units

Energy	
Thermal Insulation – U_f	1.9 W/m ² K
Thermal Insulation - U_w	0.96 W/m ² K
Comfort	
Air tightness	Class 4 (600Pa)
Water tightness	Class 9A (600Pa)
Acoustics – $R_w(C;Ctr)$	45(-1,-5) dB
Wind load resistance	Class C4 (1600Pa)
Safety	
Burglar resistance	RC2, PAS 24

Info.

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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	12 psf / Class 9A (600Pa)
Wind load resistance	Class C4 (1600Pa)
AAMA rating	Class AW
PG rating	100
Acoustics STC	44 dB
Acoustics OITC	35 dB
Safety	
Burglar resistance	RC2, PAS 24

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			
Min. Height of element	639 mm	Max. height of vent	2800 mm
Max. Height of element	2839 mm	Min. width of vent	450 mm
Min. Width of element	489 mm	Max. width of vent	1200 mm
Max. Width of element	1239 mm	Max. weight of vent	170 kg
Min. Height of vent	600 mm		
Sightlines			
Min. frame width (inward opening)	33.5 mm	Min. frame-vent width (outward opening)	80 mm
Min. vent width (inward opening)	23 mm	Min. width T-profile	48 mm
Min. frame-vent width (inward opening)	67 mm	Depth frame	99 mm
Min. frame width (outward opening)	29 mm	Depth vent	86 mm
Min. vent width (outward opening)	60.5 mm	Depth frame-vent	99 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	16 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			
Min. Height of vent	25 ³ / ₁₆ inch	Max. height of vent	110 ¹ / ₄ inch
Max. Height of element	111 ³ / ₄ inch	Min. width of vent	17 ¹¹ / ₁₆ inch
Min. Width of element	19 ¹ / ₄ inch	Max. width of vent	47 ¹ / ₄ inch
Max. Width of element	48 ³ / ₄ inch	Max. weight of vent	374 lbs
Min. Height of vent	23 ⁵ / ₈ inch		
Sightlines			
Min. frame width (inward opening)	1 ⁵ / ₁₆ inch	Min. frame-vent width (outward opening)	3 ¹ / ₈ inch
Min. vent width (inward opening)	⁷ / ₈ inch	Min. width T-profile	1 ⁷ / ₈ inch
Min. frame-vent width (inward opening)	2 ⁵ / ₈ inch	Depth frame	3 ⁷ / ₈ inch
Min. frame width (outward opening)	1 ¹ / ₈ inch	Depth vent	3 ³ / ₈ inch
Min. vent width (outward opening)	2 ³ / ₈ inch	Depth frame-vent	3 ⁷ / ₈ 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	⁵ / 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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