

SCHÜCO AWS 90 SI+ Window

Benefits

Maximum thermal insulation

Suitable for Passive House and LEED-certified green buildings

Wide range of design variations

Wide range of opening types

Technical Specifications

SCHÜCO AWS 90 SI+ Window – Performance EU Units

Energy	
Thermal Insulation – U_f	0.71 W/m ² K
Comfort	
Air tightness	Class 4 (600Pa)
Water tightness	Class 9A (600Pa)
Acoustics – R_w	47 dB
Wind load resistance	Class C5 (2000Pa)
Safety	
Burglar resistance	RC2, RC3

Info.

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Performance USA Units

Energy	
Thermal Insulation – U_f	0.16 Btu/hr.ft ² .°F
Comfort	
Water tightness	15 psf
Wind load resistance	Class C5 (2000Pa)
AAMA rating	Class AW
PG rating	50 – 60 – 70 – 120
Acoustics - R_w	47 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

Sightlines & Weight			
Min. height of vent	540 mm	Min. face width of mullion	86 mm
Max. height of vent	2500 mm	Max. face width of mullion	250 mm
Min. width of vent	470 mm	Min. face width of meeting stile	148 mm
Max. width of vent	1700 mm	Max. face width of meeting stile	163 mm
Max. weight of vent	250 kg	Total basic depth	100 mm
Glazing			
Min. glass thickness - vent	28 mm	Max. glass thickness - vent	68 mm

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Properties USA Units

Sightlines & Weight			
Min. height of vent	21 1/4 inch	Min. face width of mullion	3 3/8 inch
Max. height of vent	98 7/16 inch	Max. face width of mullion	9 13/16 inch
Min. width of vent	18 1/2 inch	Min. face width of meeting stile	5 13/16 inch
Max. width of vent	66 15/16 inch	Max. face width of meeting stile	6 7/16 inch
Max. weight of vent	551 lbs	Total basic depth	3 15/16 inch
Glazing			
Min. glass thickness - vent	1 1/8 inch	Max. glass thickness - vent	2 11/16 inch

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