

Schüco FWS 50 Curtain Wall

Benefits

Excellent thermal performance

Wide range of design and insulation variations

Eco-friendly and sustainable (Cradle to Cradle Certified)

Technical Information

Schüco FWS 50 Curtain Wall System – Performance EU Units

Energy	
Thermal Insulation – U_w	0.70 W/m ² K
Comfort	
Air tightness	AE 1200 (1200Pa)
Water tightness	RE 1200 (1200Pa)
Acoustics – $R_w(C;Ctr)$	48 dB
Wind load resistance	2.0 / 3.0 [kN/m ²]
Safety	
Burglar resistance	RC2, RC3
Impact resistance	I5/E5
Bullet resistance	FB4

Info.

Schüco FWS 50 Curtain Wall System

Performance USA Units

Energy	
Thermal Insulation – U_w	0.17 Btu/hr.ft ² .°F
Comfort	
Air tightness	AE 1200 (1200Pa)
Water tightness	15 psf / RE 1200 (1200Pa)
Wind load resistance	2.0 / 3.0 [kN/m ²]
Acoustics – $R_w(C;Ctr)$	48 dB
Safety	
Burglar resistance	RC2, RC3
Impact resistance	I5/E5
Bullet resistance	FB4

Info.

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

Schüco FWS 50 Curtain Wall System

Properties EU Units

Max. Dimensions & Weight			
Max. glass/infill weight	1080 kg		
Sightlines			
Min. system basic depth	6 mm	Max. face width	50 mm
Max. system basic depth	255 mm	Face width of mullion	50 mm
Min. basic depth of mullion	50 mm	Face width of transom	50 mm
Max. basic depth of mullion	250 mm	Face width of frame	50 mm
Min. face width	50 mm	Face width pressure plate/ cover cap	50 mm
Glazing			
Min. glass/panel thickness	4 mm	Max. glass/panel thickness	62 mm

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Properties USA Units

Max. Dimensions & Weight			
Max. glass/infill weight	2380 lbs		
Sightlines			
Min. system basic depth	1/4 inch	Max. face width	1 15/16 inch
Max. system basic depth	10 1/16 inch	Face width of mullion	1 15/16 inch
Min. basic depth of mullion	1 15/16 inch	Face width of transom	1 15/16 inch
Max. basic depth of mullion	9 13/16 inch	Face width of frame	1 15/16 inch
Min. face width	1 15/16 inch	Face width pressure plate/ cover cap	1 15/16 inch
Glazing			
Min. glass/panel thickness	3/16 inch	Max. glass/panel thickness	2 7/16 inch

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