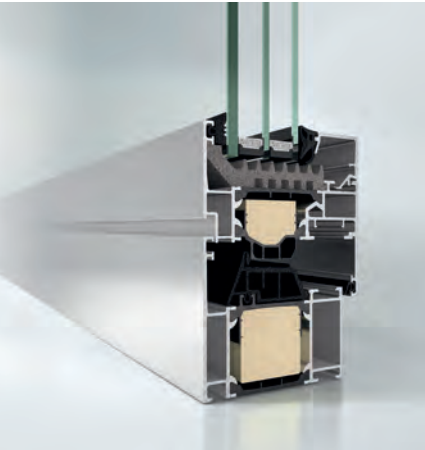


Schüco Aluminium Window System 75

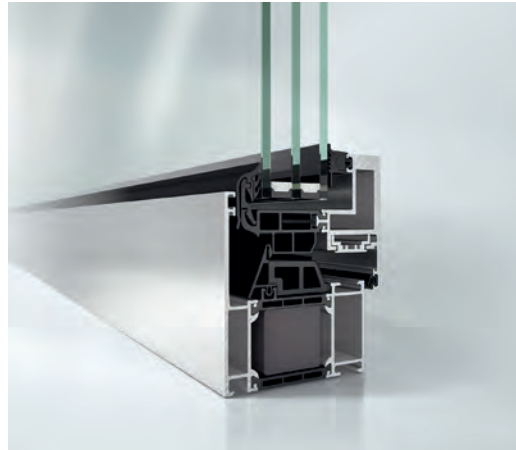
Aluminium window system



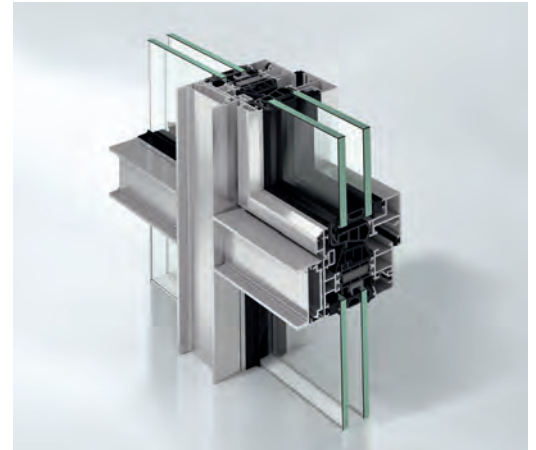
Schüco Aluminium Window System 75



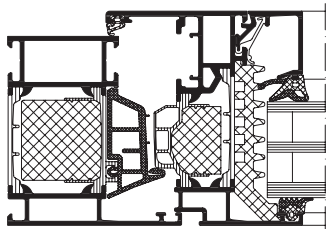
Schüco Aluminium Window System 75.SI+



Schüco Aluminium Window System 75 BS.SI+



Schüco Aluminium Window System 75 WF.SI+



Horizontal section detail,
Schüco Aluminium Window System 75.SI+,
scale 1:3

The high-quality window system with a comprehensive range of solutions

The Schüco Aluminium Window System window modules with a basic depth of 75 mm feature impressive characteristics in terms of function, energy efficiency and design. Above all, the new Schüco Aluminium Window System 75.SI+ window allows the thermal insulation to be optimised for energy efficiency, with a U_f value of $1.2 \text{ W/(m}^2\text{K)}$ and a face width of 117 mm. SimplySmart technology provides fabrication benefits with a centre gasket that is optimised for energy efficiency and new glazing rebate insulation. When used in conjunction with the new generation of Schüco AvanTec SimplySmart mechanical fittings, this also allows significant time savings to be made during installation. The slim design and maximum transparency of the Aluminium Window System 75 BS.SI+ block window due to its concealed vent frame allow the highest requirements in terms of energy efficiency and architecture to be fulfilled. Based on the Schüco block window, the highly thermally insulated Schüco Aluminium Window System 75 WF.SI+ system is designed specifically for the economical construction of ribbon windows with storey-height glazing and a mullion/transom appearance.

Schüco Aluminium Window System 75.SI ⁺	Schüco Aluminium Window System 75 BS.SI ⁺	Schüco Aluminium Window System 75 WF.SI ⁺
 Product benefits		
- Highly thermally insulated aluminium window system with optimised, energy-efficient glazing rebate insulation, centre gasket and new contour of the PA insulating bars with U_i values from 0.92 W/(m²K). U_i value of 1.2 W/(m²K) with 117 mm face width, U_w value of 0.90 W/(m²K) and U_g value of 0.6 W/(m²K) - Special modernisation outer frame available for efficient modernisation - Also available as an outward-opening system - Centre gasket with fins, made from microcellular rubber - Vent available with Standard and RL (Residential Line) look	- Block window system with concealed vent and outstanding thermal insulation with a basic depth of 75 mm: U_i value of 1.3 W/(m²K) with a face width of 89 mm and U_w of less than 1.0 W/(m²K) with triple glazing, also available as an Aluminium Window System 75 BS.HI+ version with a U_f value from 1.4 W/(m²K) - Very narrow face widths from 67 mm due to concealed window vents - Comprehensive profile range with mullion profile face widths of up to 44 mm, insert outer frames of up to 51 mm, double vents and vent sash bars	- Highly thermally insulated window façade with narrow external face widths from 50 mm - Outstanding thermal insulation and installation due to new, optimised centre gasket with a U_i value from 1.3 W/(m²K) and a U_w value of less than 1.0 W/(m²K) with triple glazing
 Fabrication benefits		
Improved fabrication of the glazing rebate insulation as a moulded piece. This removes the need for time-consuming, manual steps and reduces the installation time	Optimised thermal insulation due to new centre gasket and optimised installation due to innovative combination of materials	Comprehensive design options with cover cap versions from the Schüco FW 50⁺ façade system
Technical data		
		Aluminium Window System
		75.SI ⁺ 75 BS.SI ⁺ 75 WF.SI ⁺
U_i values in W/(m ² K) from		0,92 1,3 1,3
Basic depth in mm		75 75 75
Schüco TipTronic can be used		■ ■ ■
Sound insulation/standard DIN EN 20140 up to R_w value in dB		48 49 45
RC/burglar resistance/standard DIN EN 1627 (Class)		RC3 (WK3) RC2 (WK2) RC2 (WK2)
Watertightness/standard DIN EN 12208 (Class)		9a 9a 9a
Air permeability/standard DIN 12207 (Class)		4 4 4
Wind load resistance/standard DIN 12210 (Class)		C5/B5 C5/B5 C2/B3

Schüco Aluminium Window System 75



The Schüco Aluminium Window System 75 combines the excellent thermal insulation properties of PVC-U and timber windows with the unique advantages of aluminium: durability and strength, narrow face widths and a variety of designs – all achievable in large, transparent formats.

Schüco Adelaide
www.schucoadelaide.com.au

Schüco – System solutions for windows, doors and façades

Based in Bielefeld, Schüco International KG develops and sells system solutions for windows, doors and façades. With more than 4750 employees worldwide, the company strives to be the industry leader in terms of technology and service today and in the future. In addition to innovative products for residential and commercial buildings, the building envelope specialist offers consultation and digital solutions for all phases of a building project – from the initial idea through to design, fabrication and installation. 12,000 fabricators, developers, architects and investors around the world work together with Schüco. The company is active in more than 80 countries and achieved a turnover of 1.460 billion euros in 2016.

For more information, visit www.schuco.com



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