

Schüco ASS 50

Aluminium sliding and lift-and-slide system



Schüco ASS 50



Schüco Sliding System ASS 50

The ASS 50 thermally insulated sliding and lift-and-slide system connects the outstanding qualities of a robust vent frame with a narrow face width for room flooded with light. The fully concealed Schüco e-slide drive system (optional) opens, closes and locks even floor-to-ceiling units easily and safely at the touch of a button.

Product benefits

Schüco ASS 50

- Watertightness up to class 9A in accordance with DIN EN 12208
- Wide choice due to single, double and triple track outer frames
- Sound insulation in accordance with DIN EN ISO 140-3 and DIN EN ISO 717-1, $R_w \leq 40\text{db}$
- Glazing thickness 8mm-32mm
- Flat outer frame profile as continuous frame
- Wide choice of colours - different inside and outside

Fabrication benefits

- High degree of flexibility due to customers being able to roll their own profiles together
- Can be combined with toplights, side sections or spandrel panels from the Schüco window series AWS 50, AWS 60 and AWS 65

Technical data	
Test	Value
Thermal insulation	U_w from 1.9 W/(m ² K)
Basic depth of vent frame	50mm
Vent size (WxH)	max. 3000mm x 3000mm
Vent weight	max. 400kg
Security class	RC2 (WK2)
Number of tracks	1-3

Schüco ASS 50



As a leader in innovation for system-based construction, Schüco aluminium sliding and lift-and-slide systems combine the highest standards in terms of energy safety, security and design with market-specific requirements.

Schüco International KG

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Schüco – System solutions for windows, doors and façades

Based in Bielefeld, the Schüco Group develops and sells system solutions for windows, doors and façades. With 6330 employees worldwide, the company strives to be the industry leader in terms of technology and service both now 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. Schüco works with 10,000 fabricators and 30,000 architectural practices, as well as construction professionals who commission buildings around the world. Founded in 1951, the company is now active in more than 80 countries and achieved a turnover of 1.995 billion euros in 2021. For more information, visit www.schueco.com

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Overview

	Schüco ASS 77 PD.SI	Schüco ASS 77 PD.HI	Schüco ASS 50	Schüco ASS 80 FD.HI	Schüco ASS 70 FD	Schüco AS FD 90.HI	Schüco AS FD 75	Schüco AS PD 75.HI	Schüco ASE 67 PD	Schüco ASE 80.HI	Schüco ASE 80	Schüco ASE 60	Schüco AWS 90.SI+ PASK
Energy													
Thermally insulated			■		■		■		■				
High Thermally insulated	■	■		■		■		■		■	■	■	■
Design													
Basic depth of vent frame in mm	77	77	50	80	70	90	75	75	67	80	80	60	100
Number of tracks													
Single track			■	■	■	■	■		■	■	■	■	■
Double track	■	■	■					■	■	■	■	■	
Triple track			■						■	■	■	■	
Maximum vent weight in kg	500	500	400	100	100	150	150	500*	400	600	600	600	250
Fittings													
Crank handle			■										
Sliding handle			■					■**	■	■	■	■	
Tilt / slide handle													■
Folding handle				■	■	■	■						
Door handle				■	■	■	■						
Window handle				■	■	■	■						
Operating switch	■	■						■**		■	■	■	
Opening types													
Sliding vent	■	■	■					■		■	■	■	
Lift-and-slide vent			■							■	■	■	
Tilt / slide units													■
Folding sliding door				■	■	■	■						
Areas of Use													
Window	■	■	■	■	■	■	■	■		■	■	■	■
Door	■	■	■	■	■	■	■	■		■	■	■	■

*AS PD 75.HI max weight: 500kg Manual / 600kg Performance Line / 800kg Mechatronic

**AS PD 75.HI fittings: Access Line & Design Line manual or mechatronic operation / Performance Line mechatronic operation only

Overview

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Series													
Security													
Burglar resistance in accordance with DIN EN 1627													
RC2 (WK2)	■	■	■	■	■	■	■	■		■	■	■	■
Monitoring of closing		■				■	■	■		■	■	■	
Automation													
Schüco e-slide			■										
Schüco TipTronic	■	■						■		■	■	■	
Access Control	■	■	■					■					



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