SCHÜCO ASE 60/80

ALUMINUM SLIDING DOOR

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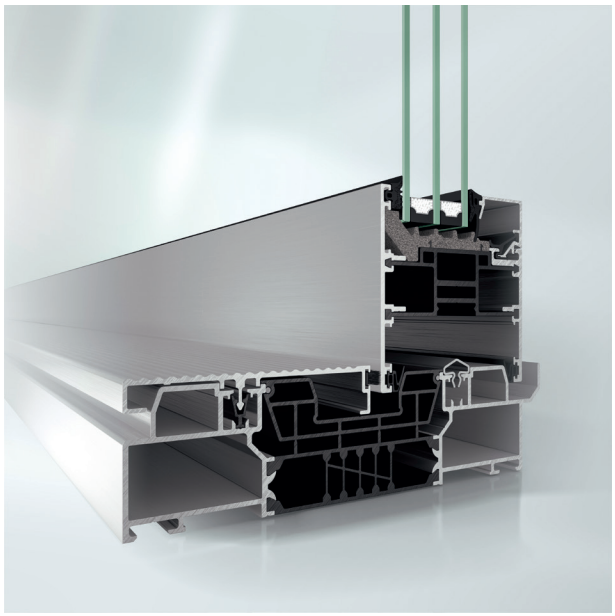
Schüco Sliding Door ASE 60



Schüco Sliding Door ASE 80.HI – outstanding design combined with optimal thermal insulation

Schüco is opening up many new dimensions with the Aluminum Sliding Door ASE 60/80. The profile systems with their optimized insulation zones offer significantly improved thermal insulation properties in all basic depths, even up to near passive house level (with the basic depth of 3-1/8" (80 mm). Further, all system versions – single, double and triple track – are based on multifunctional profiles, which allow optimal use of identical parts.

The fittings system, which is also modular, can be used as both sliding and lift-and-slide fittings: apart from a few expectations, all the components are identical. An expanded range of sizes, slim line profile constructions and solutions complement the forward-looking thermal insulation, thereby fulfilling countless architectural design options. The fittings' components are covered by a cover profile, ensuring that the straight design is maintained even when the vent is open. A central fittings groove guarantees optimal distribution of the glass weight and thereby quiet operation. Narrow vent profiles with a face width from just 3-1/4" (82 mm).

The narrow face widths and the option of level thresholds make the Schüco Sliding Doors unique in terms of form, design and user comfort. Moreover, the concealed fittings groove means that technical components, such as fittings or insulating foams, are no longer visible.

Vent weights of up to 1300 lb (500 kg) are now possible, with vents available in both internally and externally running configurations. The travel range of the sliding system has also been maximized up to approximately 59' 11/16" (18 m).

The aluminum outer frame with thermal break, roller profiles made from folded stainless steel with specific surface design, reduces friction for particularly quiet operation. An integrated, continuous cover strap on the insides of the coupling profiles covers the fixing screws with a uniform appearance. Three sealing levels exist in the center area for a reliable sealing function.

Schüco Sliding Door ASE 80.HI – integration of the outer frame in the building structure and narrow interlocking section for maximum transparency

The center gaskets in the magnetic design ensure reliable gasket pressure, even with increased wind loads. The transparency can be increased even more by means of the optional narrow interlock piece with a face width of just 1-9/16" (40 mm).

TECHNICAL DATA ASE 60/80

Maximum Vent Dimensions	137" x 126" (3500 mm x 3200 mm) 125" x 137" (3200 mm x 3500 mm)
Maximum Vent Weight	Up to 1300 lb (500 kg)
Glass Thickness	ASE 60: 15/16"-1-9/16" (24 mm – 40 mm) ASE 80: 1-1/8"-2-3/8" (28 mm – 60 mm)
Water Tightness	12 psf* (XO, XX) 8 psf* (OXX, XXX, OXXO, XXXX, Zero Level XO) 5.4 psf (XO, XX)
AMMA Rating	AW-PG 60* (XO, XX) AW-PG 40* (OXX, XXX, OXXO, XXXX, Zero Level XO) CW-PG 35 (XO, XX)
Hardware	Sliding, Lift-and-Slide
Thermal Performance**	0.24 Btu/hr-ft²/-°F

*With pvc drainage profile

**Information based on NFRC standard test size with TGI-M spacer, IGU U Value: 0.16

PRODUCT BENEFITS

- Single, double and triple track options with basic frame depths ranging from 5-1/2" (140 mm) to 11" (280 mm)
- Modularity of the scalable profile system ensures high level of flexibility when it comes to thermal insulation
- Concealed fittings groove without visible components provide a clear and elegant look
- Multi-functional components shorten fabrication time
- Vent frame: ASE 60 = 2-3/8" (60 mm), ASE 80 = 3-1/8" (80 mm)
- Additional functions: Easy access with a convenient level threshold in the lift-and-slide fittings type that creates a particularly flat connection between the interior and exterior
- Narrow interlock piece is available with a face width of just 1-9/16" (40 mm) and can increase transparency even more
- Support spring reduces operating forces for lifting the moving vent and increased comfort
- Handle damper gently dampens the lowering of the moving vent and the movement of the operating handle

Are you planning a building project using Schüco systems or would like to in the future? **Contact us.**

Schüco develops and sells system solutions for windows, sliding doors and facades. 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 conceptual idea through final design onto fabrication and installation. Machinery for fabrication and a 360° cycle of sustainability complement the range of products and services.

With more than 5,650 employees worldwide, Schüco strives to be the industry leader in terms of technology and service today and in the future. To this end, the company is always developing and testing new products and services for the entire building envelope, taking into account current market trends and standards. 12,000 architects, investors, developer, fabricators and glazing contractors around the world work together with Schüco. The company is active in more than 80 countries and achieved a turnover of 1.93 billion USD in 2020.

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