

NEW DIMENSIONS OF DESIGN FREEDOM

SCHÜCO ALUMINIUM SLIDING SYSTEM ASE 60 AND 80.HI



reddot award 2018
winner

SCHÜCO

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INTELLIGENCE MEETS LIGHTNESS

UNIQUE OUTLOOK WITHOUT COMPROMISES

In what way can nature and living go together ideally? How can comfort and security achieve the same high level of importance here as architecture, technology and design? As the first system on the market that provides both sliding and lift-and-slide functions, Schüco ASE 60/80.HI combines these components perfectly, thereby giving a new look to innovation. Whether for thermal insulation to passive house standard, the flexible use of multipurpose profiles, reduced face widths or intelligent sensors – there are no limits to the desire for space and secure comfort.

VISION

FOR A FEELING OF FREEDOM

With generous vent units of up 3.5 x 3.2 metres or 3.2 x 3.5 metres, you can experience a new spatial dimension. The interplay with particularly narrow face widths creates a transparency that blurs the boundary between indoors and outdoors.



LINEAR

DESIGN THAT FITS PERFECTLY
INTO THE ROOM

The clear, slimline appearance of the Schüco ASE 60/80.HI sliding system is characterised by particularly narrow face widths made from high-quality aluminium. The reduced DesignLine interlock section of the vents means that frame units recede into the background. When used in combination with the level threshold, the boundaries between inside and outside are blurred.



MAXIMUM TRANSPARENCY



The minimalist interlock section can be used from a face width of 40 millimetres, generating an unrestricted view to the outside.

ELEGANCE

REDUCED TO THE ESSENTIALS

The Schüco ASE 60/80.HI sliding system boasts impressive, puristic system solutions such as the fittings components from the DesignLine series. The complete coverage of the fittings groove in the vent units ensures a reduced visual appearance across the entire height, even when the vents are open.



PERFECTION

FOR A CLEAR LANGUAGE OF FORM

Locking options make for a perfectly clean look: technical components such as protruding bolt pins in the outer frame can be completely concealed. The fittings components are fixed in the vent frame instead of the outer frame, ensuring a particularly puristic design.



PERFECT FUSION



The locking is almost flush-fitted in the outer frame, which means that technical details are not visible.

Intelligent Complete
Solutions
for Comfort
and Security.

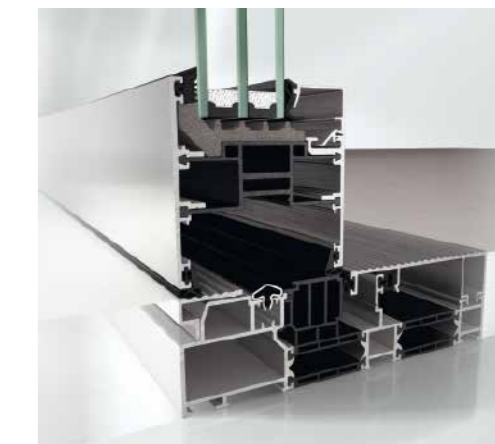
LIGHTNESS

A NEW LEVEL OF EASY OPERATION

Open and close even large sliding units smoothly. The sophisticated, central fittings groove and the accompanying symmetrical composition of the vent ensure that the weight of the glass is distributed evenly and guarantee smooth movement on the tracks.



SMOOTH TRANSITION



Thanks to the threshold at ground level, transitions between rooms can be made easy-access and convenient.

STRONG MAKE IT EASY

In the case of large-scale sliding systems over 200 kilogrammes, wwof use. The stroke support can be integrated and allows the lift-and-slide door to be lifted and opened easily. When the vent is lowered, the damping softly controls the reset of the handle and lets it down slowly.



EASY TO USE



Integrated support springs make it easier to use, even with large vent units.

INTELLIGENT OPERATION ALMOST BY ITSELF

The Schüco SmartStop and SmartClose technologies ensure safe operation of the ASE 60/80.HI sliding system. If a moving vent is closed, SmartStop slows this down gently outside of any possible crushing zone. Irrespective of its speed, the unit can be pushed safely into the outer frame. The SmartClose absorber mechanism also makes the system easier to use. It stops the moving vent and pulls it slowly and securely into the outer frame.



SMART SECURITY



SmartStop and SmartClose guarantee secure operation for sliding systems with high vent weights.



WELL PROTECTED ALL ROUND

BURGLAR RESISTANCE RC 2

Don't give burglars a chance. Integrated, certified burglar resistance up to RC 2 for all opening types up to the maximum dimensions allows for unrestricted security. Thanks to modern fittings solutions, the security components are not visible from outside and can be operated quite easily using one hand.

Always
One Step Ahead
with the Latest
Technologies.

WIDE VARIETY

INDIVIDUAL THANKS TO NUMEROUS OPTIONS

With only a small number of system articles, you benefit from two possible operating methods and numerous single-track versions. You can also choose between two types of vent fabrication. Units can be fabricated with the familiar fixed solution by rolling with the isomat. Alternatively, ASE 60/80.HI enables a new, split fabrication system, whereby the vents can be manufactured on any machine and without rolling.



DECIDE FOR YOURSELF



With the new fittings system, you can choose between sliding or lift-and-slide operation.



LOOKING TO THE FUTURE

NARROW BASIC DEPTHS WITH
MAXIMUM LEVEL OF INSULATION

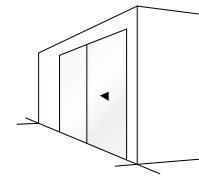
Schüco ASE 60/80.HI enables you to set new energy balance standards. Thanks to optimised insulation zones and the partial bonding of the moving vent, the Schüco sliding system impresses with improved insulation values even to passive house standard with a basic depth of 80 millimetres. The new safety barrier integrated in the system provides security and also a slimline, harmonious appearance.

Unlimited Design
Options for
Sophisticated
Architectural Ideas.

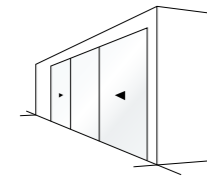
FACETTENREICH MULTIFACETED

SCHIEBEELEMENTE MIT 1 LAUFSCHIENE SLIDING UNITS WITH 1 TRACK

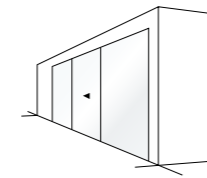
SCHÜCO ASE 60/80.HI



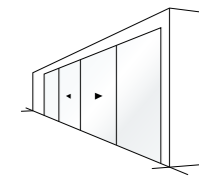
1A ● ▲



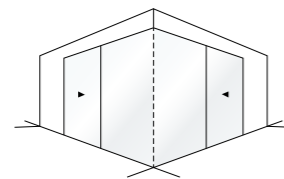
1B ● ▲



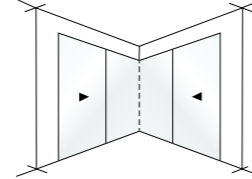
1C ●



1D ●



1B.i 90° ●



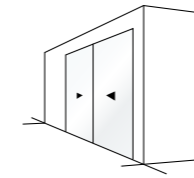
1B.i 90° innen ●

VARIETY OF OPENING TYPES

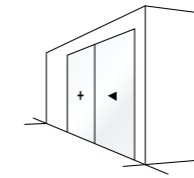
Select your individual product solution from countless options – to run inside or outside.

All opening types are available as both sliding and lift-and-slide solutions. 90° corners are only possible as a lift-and-slide unit.

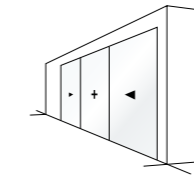
SLIDING UNITS WITH 2 TRACKS SCHÜCO ASE 60/80.HI



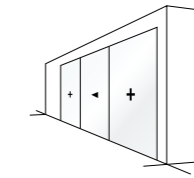
2A ● ▲



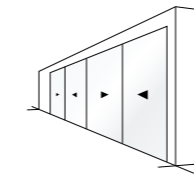
2A/1 ● ▲



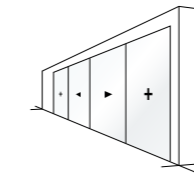
2B ●



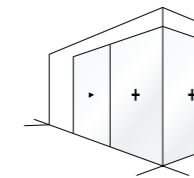
2C ● ▲



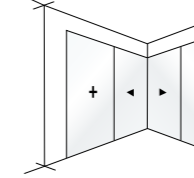
2D ● ▲



2D/1 ● ▲

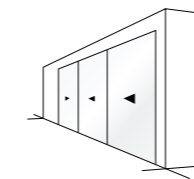


2D/1 90° ●

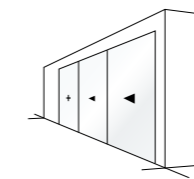


2D/1 90° innen ●

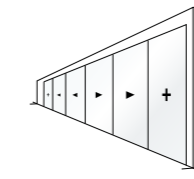
SLIDING UNITS WITH 3 TRACKS SCHÜCO ASE 60/80.HI



3E ● ▲



3E/1 ● ▲



3F ● ▲

TECHNICAL DATA

Maximum dimensions (W x H)
3.5 m x 3.2 m or 3.2 m x 3.5 m

Maximum vent weights
ASE 60/80.HI 500 kg
ASE 60/80.HI TipTronic 600 kg

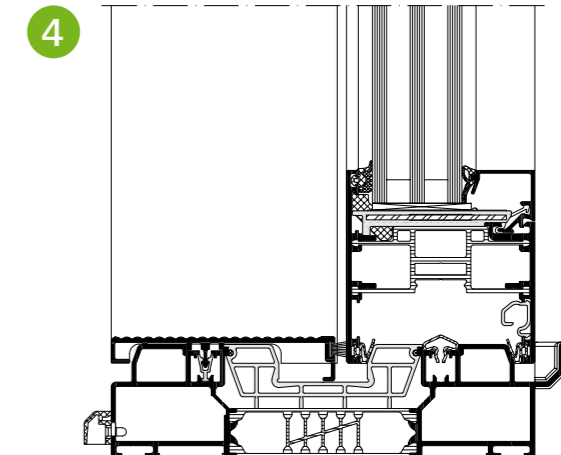
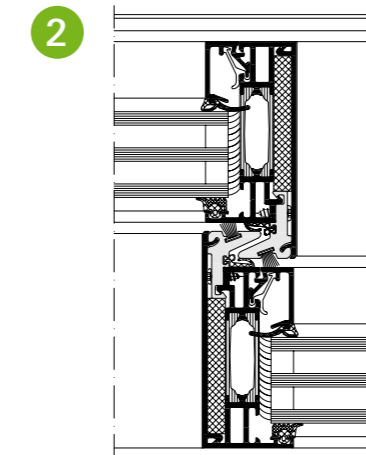
● ASE 60/80.HI
▲ ASE 60/80.HI TipTronic



POWER OF INNOVATION IN EVERY DETAIL

DIVERSE SYSTEM SOLUTIONS COMBINED IN CLEAR FORMS AND AN EXACT OVERALL CONCEPT

- ① Maximum transparency (vent dimensions)
- ② Narrow face widths / interlock (reduced visual appearance)
- ③ Complete fittings groove cover
- ④ Level threshold/ease of access
- ⑤ SmartStop and SmartClose security systems
- ⑥ High thermal insulation to passive house standard
- ⑦ A fittings basis for sliding and lift-and-slide solutions



TAILOR-MADE INDIVIDUAL PROJECT ENGINEERING

We offer you individual consultations and develop targeted solutions. In the process, we draw on decades of experience with wide-ranging projects from around the world as well as constant dialogue with internationally renowned offices. In this way, you can be sure that we foresee and incorporate all important trends in our products.

RELIABLE PLANNING SYSTEM VERSATILITY

All Schüco system solutions are subject to quality testing. This means that, whichever version of the Schüco ASE 60/80.HI sliding system you choose, these are proven solutions on which you can rely.

PRÜFLABOR

www.schueco.com/slidingssystems



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