



Schueco AS SC 32.NI

Aluminium sliding system

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General system section



Drip bar with no visible screws

The Schueco AS SC 32.NI aluminium sliding system with its narrow face width, flush outer frames, large glazing area and smooth operation, is perfect for use in residential projects that need a balance between aesthetics and performance. The system offers a wide variety of design options including different typologies along with integrated railing to hit a perfect balance between aesthetics, performance and safety. The system is designed to deliver high performance in residential buildings.

Minimal face-width

With an interlock section of 30mm, this sliding system gives an elegant look and stands out with its narrow face-width.

Integrated safety

The option to integrate glass railing into the sliding system brings in an additional aspect of human life-safety.

Internal fly-mesh

The standard internal fly-mesh protects against bugs while leaving the system open for fresh air.

Puncture-free bottom frame

The system comes with a specially designed bottom bracket, that eliminates the need to puncture the bottom outer-frame giving better aesthetics and a higher water tightness.

Seamless drip-bar

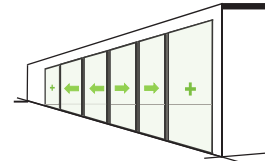
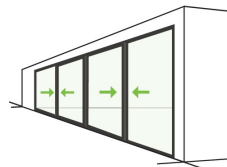
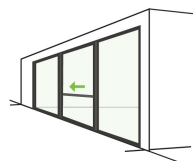
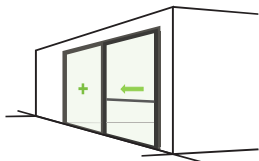
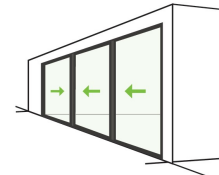
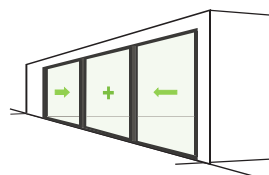
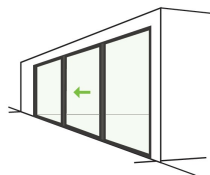
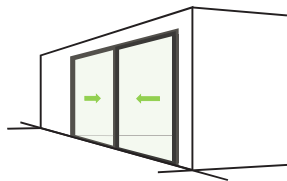
The drip-bar at the top comes without any visible screws which contribute to the overall aesthetics of the system.

Double and triple-track options

The options of double and triple track cover most of the requirements of mid-rise apartment buildings.

Design typology

Sliding



2-track with integrated railing

3-track

System data

Max. 1400mm
Vent width

Max. 2700 mm
Vent height

30 mm
Interlock face width

6 – 24 mm
Glass thickness

Upto 180 kg
Vent weight

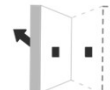
Schueco certified performance



Windload resistance
2500 Pa



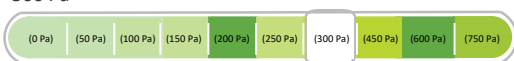
Air-permeability
300 Pa



Durability
20000 cycles



Water-tightness
300 Pa



Sound insulation
Reduction upto 30 dB



The Schueco advantage

An integrated design, materials and service approach to deliver the highest global standards to your home



Design rigor & philosophy

Each system from Schueco brings 70 years of global experience in structural detailing and design innovation.



High-performance materials & processes

High-EPDM-content gasket with peroxide curing technology, integrated drainage system, and custom brush seal, all contribute to best-in-class air, water, wind and acoustic performance.



Accessory specifications & testing

Engineered, high-quality materials designed for smooth operation, corrosion resistance and durability with meticulous testing of all components, ensure consistent long-term performance.



Last-mile training and support

Schueco provides in-depth technical and hands-on training to the fabricator partners and certify them to deliver outstanding buildings.

Schueco - System solutions for windows, doors and façades

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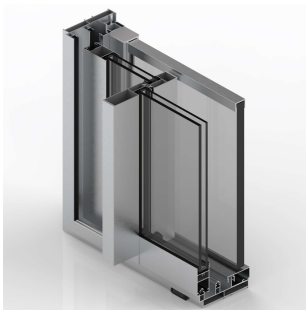
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The image shows a modern architectural interior with a large, floor-to-ceiling glass wall system. The wall is composed of several large glass panels framed in dark metal. The interior space is visible through the glass, showing a minimalist design with light-colored walls and floors. A small potted plant sits on a low wooden table in the center of the room. The lighting is warm and ambient, highlighting the textures of the stone walls and the sleek lines of the glass system. The Schueco logo is visible in the top right corner.

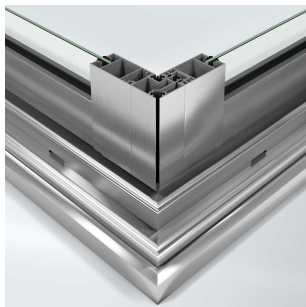
SCHÜCO

Schueco AS 39 SC.NI | AS 39.NI

High performance sliding and
lift & slide systems



Typical section with integrated railing



Three-track 90° corner

Schueco AS 39 SC.NI

High performance sliding and lift & slide systems

Elegance is the blend of functionality and design. This can best be seen with the Schueco TropTec™ AS 39 SC.NI (non-insulated), an aluminium sliding system with a high degree of flexibility. It combines narrow face widths with proportionally more glass for sophisticated construction projects. The optional, integrated glass railing provides additional human safety. The system meets the highest performance requirements and can be used for a wide variety of projects.

Wide choice of typologies

Pick your favourite from a virtually unlimited range of different sliding system solutions based on single, double, triple and quadruple monolithic outer frames.

Slim interlock

A 25 mm slim interlock profile width not only gives a sleek look to the system, but it is also built for high-structural stability to handle tall and wide openings.

Integrated safety

The integration of glass railing into the sliding system brings in an additional aspect of human life-safety.

90° corner

Enjoy continuous views at the corners, with the freedom to design continuous openings in the wall. Thanks to the 90° corner option.

High-performance corners

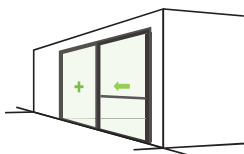
High wind resistance is easily achieved with the unique, integrated T-cleats and corner reinforcement that provide extremely strong corners.

Wide range of applications

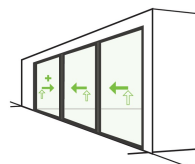
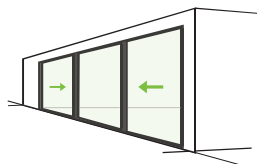
The high wind load resistance of up to 3000 Pa combined with high water-tightness of 600 Pa allows a wide range of applications such as villas, multi-storey buildings in both residential and commercial sectors and hill stations.

Design typology

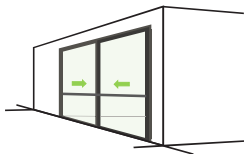
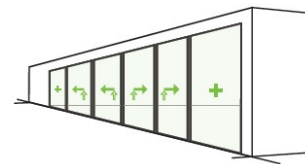
Sliding and lift & slide



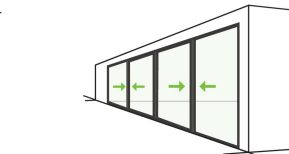
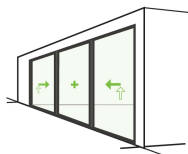
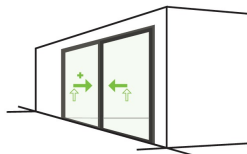
Single track (option of integrated railing)



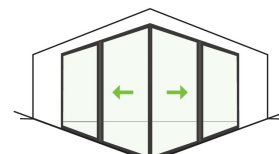
Three track



Two track (option of integrated railing)



and many more...



System data

25 / 37 mm

Interlock face-width

Max. 2500 mm

Vent width (sliding)

Max. 3500 mm

Vent height (sliding)

Max. 2400 mm

Vent width (lift & slide)

Max. 2800 mm

Vent height (lift & slide)

Max. 200 kg

Vent weight (sliding)

Max. 250 kg

Vent weight (lift & slide)

SGU. 4 – 14 mm

Glass thickness

DGU. 24 – 28mm

Glass thickness

Schueco certified performance



Windload resistance
Class BE3000 Pa- 3000 Pa*



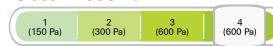
Max. test pressure



Frame deflection



Air-permeability
Class 4- 600 Pa



Water-tightness
Class 9A- 600 Pa



Sound insulation
Reduction upto 33 dB



* The maximum wind load will vary based on the type of integrated glass railing solution used

The Schueco advantage

An integrated design, materials and service approach to deliver the highest global standards to your home



Design rigor & philosophy

Each system from Schueco brings 70 years of global experience in structural detailing and design innovation.



High-performance materials & processes

High-EPDM-content gasket with peroxide curing technology, integrated drainage system, and custom brush seal, all contribute to best-in-class air, water, wind and acoustic performance.



Accessory specifications & testing

Engineered, high-quality materials designed for smooth operation, corrosion resistance and durability with meticulous testing of all components, ensure consistent long-term performance.



Last-mile training and support

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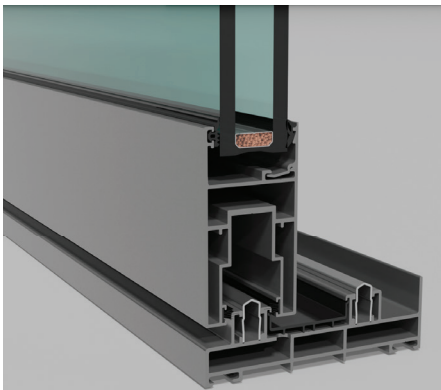
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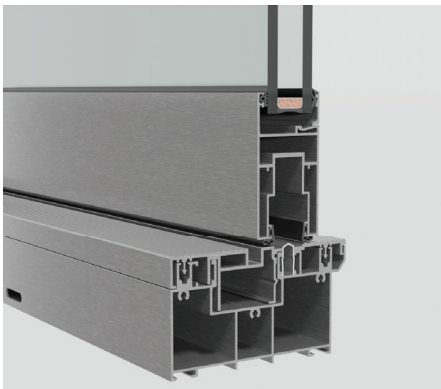


SCHÜCO

Schueco AS ICD 50.NI
High performance sliding and
lift & slide systems



Bottom detail_normal threshold



Bottom detail_zero-level threshold

Schueco AS ICD 50.NI

High performance sliding and lift & slide systems

The perfect choice for premium homes and residential projects, the Schueco AS ICD 50.NI sliding and lift & slide system combines high performance with a broad spectrum of architectural design options. Imagine life in rooms flooded with light and an outstanding view of the outside, with the system's large vents and wide opening types. The system is designed to operate quite effortlessly with the lift & slide variant while providing maximum protection from the weather and enabling a silent indoor environment for you.

Tall vents

Tall opening requirements are no challenge, since both the sliding and lift & slide versions can reach up to 4.5m tall.

Interlock options

Different interlock sections with 99 mm, 106 mm or 40 mm (slim version) face width, offer a variety of options for a classic or slim appearance.

High water tightness

The Schueco AS ICD 50.NI boasts a very high water tightness of 900 Pa. This is why it is the perfect choice for very wide openings in residences that are situated at high-rainfall locations.

Zero threshold

Enjoy barrier-free access through the opening. This system offers a seamless transition between the inside and outside with its zero-level threshold in the lift & slide version.

In-wall solution

Experience zero barriers in the sightline, while still maintaining the same level of performance. With this solution, a complete opening to the outside can be achieved.

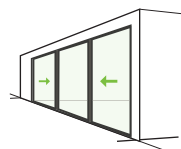
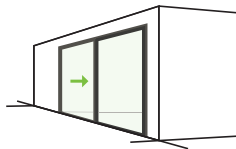
Multiple typologies to choose from

Architects and homeowners can enjoy plenty of design options with the Schueco AS ICD 50.NI. Starting from single-track, double-track, triple-track and extending up to multi-tracks, with 90 degree corner openings.

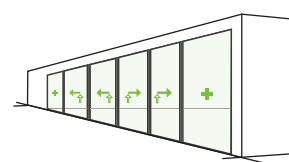
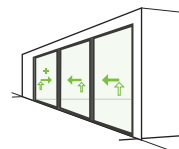
Design typology

Sliding and lift & slide

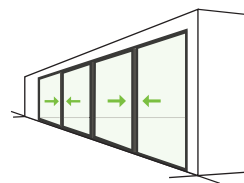
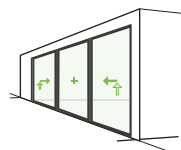
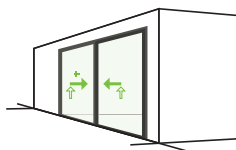
Single track



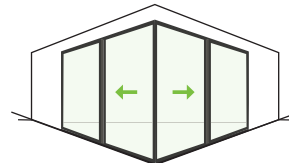
Triple track



Double track



90° corner



And many more...

System data

Max. 3000 mm
Vent width

Max. 4500 mm
Vent height

8 - 36 mm
Glass thickness

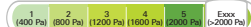
Max. 450 kg
Vent weight (lift & slide)

Max. 500 kg
Vent weight (slider)

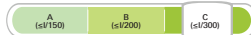
Schueco certified performance



Windload resistance
Class CE3000- 3000 Pa



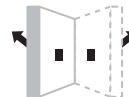
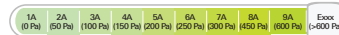
Max. test pressure



Frame deflection



Water-tightness
Class E900- 900 Pa



Durability
Up to 20,000 cycles



Air-permeability
Class 4- 600 Pa



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