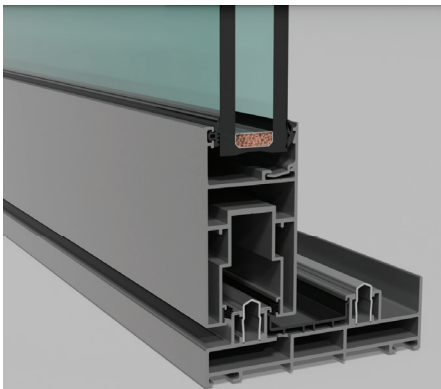


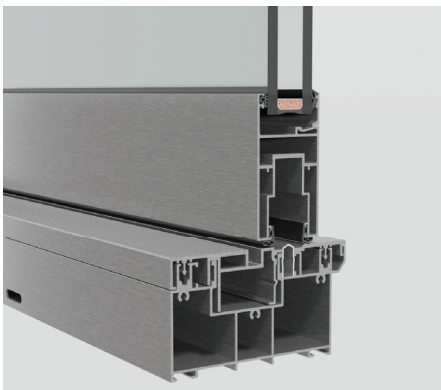
A modern building with large glass windows and a wooden ceiling. The building features a prominent staircase on the upper level and a large chandelier with multiple spherical lights. In the foreground, a woman in a black dress is sitting on a wooden bench, looking at a tablet. The scene is set in a courtyard with trees and a paved area.

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.

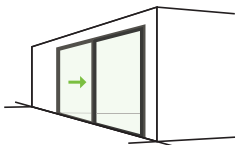
### Multiple typologies to choose from

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.

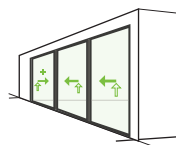
## Design typology

Sliding and lift & slide

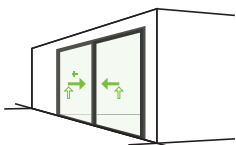
Single track



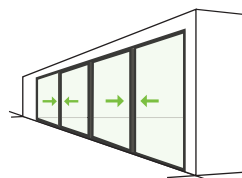
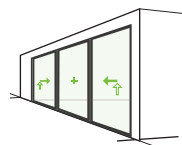
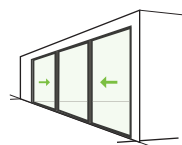
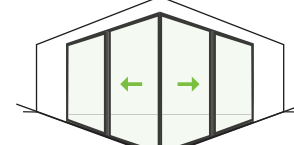
Triple track



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)

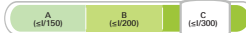
## Schueco certified performance



Windload resistance  
Class CE3000- 3000 Pa



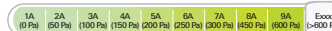
Max. test pressure



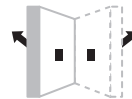
Frame deflection



Water-tightness  
Class E900- 900 Pa



Air-permeability  
Class 4- 600 Pa



Durability  
Up to 20,000 cycles



## 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

Schueco products are extensively used all over the world and meet the highest requirements of design, comfort, security and energy efficiency. Headquartered in Bielefeld, the Schueco Group has more than 6,330 employees worldwide and strives to be the industry leader in terms of technology and service today and in the future. The company is active in more than 80 countries and works together with over 40,000 fabricators, developers, architects and investors.



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