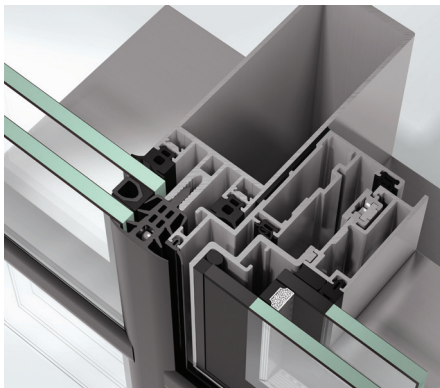


The Schüco logo is positioned in the top right corner of the image. It consists of the word "SCHÜCO" in a bold, black, sans-serif font, with a small registered trademark symbol (®) to the upper right of the letter 'O'. The background of the entire image is a high-angle view of a modern glass skyscraper on the left, reflecting the surrounding cityscape, and a panoramic view of a city with various buildings and a clear blue sky on the right.

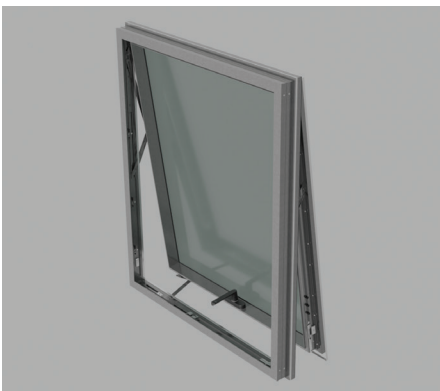
SCHÜCO

A green horizontal banner is located at the bottom left of the image. It contains the text "Schueco window system AWS 58.NI" in a white, sans-serif font. The banner is semi-transparent, allowing the glass facade of the building behind it to be visible.

Schueco window system AWS 58.NI



Insert vent with FWS 50 SG.NI



Typical unit with limiting stay for safety

Schueco window system AWS 58.NI

The Schueco AWS 58.NI system is a non-insulated outward-opening window system for facades. The high performance combined with top-hung and parallel open-out typology with extra safety features, to make it a perfect choice for high-rise buildings and office spaces. With its large vents and broad opening types, this system helps to create rooms that are flooded with light and offer an outstanding view of the outside. This system can be seamlessly integrated without adversely affecting the uniform façade geometry and has been performance tested to the highest requirement.

Tall vents

With top-hung vents going up to 2.4m and parallel open-out vents that can go up to 3m tall giving a large visible area, this system offers a perfect solution for buildings with tall opening requirements.

Wider openings

With its high weight carrying capacity, the system offers standard openings up to 1.5m wide.

High water tightness

The Schueco AWS 58.NI is perfect for tall buildings that are situated at high-rainfall locations, due to a high water tightness of 900 Pa.

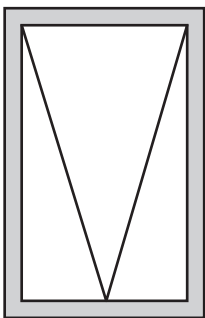
High wind load resistance

This system provides safety even when used in high-wind regions, with its structural stability to take a wind load of 3000 Pa. This makes it a perfect choice for high-rise buildings.

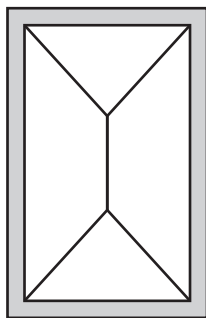
Safety catch and engagement catch

The Schueco AWS 58.NI comes with a unique safety catch. This feature keeps the window intact even when an extremely high wind or cyclone hits an open window. The all-new engagement catch, prevents repeated banging, in the event of high winds while the window is left open.

Design typology



Top hung



Parallel open-out

System data

Max. 1500 mm
Vent width

Max. 2400 mm
Vent height
(Top-hung)

Max. 3000 mm
Vent height
(Parallel open-out)

SGU: 6 - 12 mm
Glass thickness

DGU: 24 - 32 mm
Glass thickness

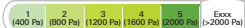
Max. 180 kg
Vent width
(Top-hung)

Max. 200 kg
Vent height
(Parallel open-out)

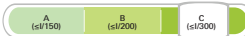
Schueco certified performance



Windload resistance
Class CE3000- 3000 Pa



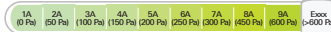
Max. test pressure



Frame deflection



Water-tightness
Class E900- 900 Pa



Air-permeability
Class 4- 600 Pa



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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