

SLEEK ULTRA SLIM ARCHITECTURAL HANDBOOK

SLEEK
Expand Your Horizons

Sleek has landed into the market with its inspirational European designed range that is, not only ultra slim, sophisticat-ed and seamless, but also weathers the diverse climate of the landscape.

The Objective: to integrate both Form and Function into one system - critical to enhancing Lifestyle, Wellbeing and Comfort.

With its ultra-slim design, recessed into walls and floors, the frame becomes virtually invisible, allowing for virtually unobstructed views and seamless transitioning from inside to out.

Oversized glass panels allow nature in flooding interiors with natural light as well as being pivotal in minimizing U-value for optimal temperature conductivity.

CUTTING-EDGE SYSTEM TECHNOLOGY DELIVERS

- Maximum strength with Minimalist design
- Highest performing Thermal efficiency
- Advanced acoustic performance
- Enhanced ventilation
- Serious security features
- Adaptable smart automation system
- The freedom to design without limits

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FROM THE CITY OF CULTURE TO CRAFTSMANSHIP WITHOUT BORDERS

Established in 2010, the Sleek narrative commenced in an industrial warehouse located within the distinctive historical and brutalist architectural setting of Coventry, UK. In this space, we, a diverse group of product designers, mechanical engineers, and R&D specialists, dared to push beyond the boundaries of what had previously been accomplished.

In 2014, Sleek expanded operations to China with a factory in the International Industrial Zone in Shanghai. Sleek introduced the world's leading supply chain, design and development practices to produce first-generation products. Sleek's continual dedication to precision technology saw the implementation to a fully Robotic production line and implemented an international standard, with a series of international certifications, including ISO9001.

GLOBAL SUPPLY CHAIN

Sobinco OPENS YOUR LIFE
WÜRTH
moorgen
MOTION & CONTROL NSK
rp technik
dormakaba
Ensinger
Quanex
insulbar
MASTER HARDWARE FOR WINDOWS AND DOORS
TIGER
Roto

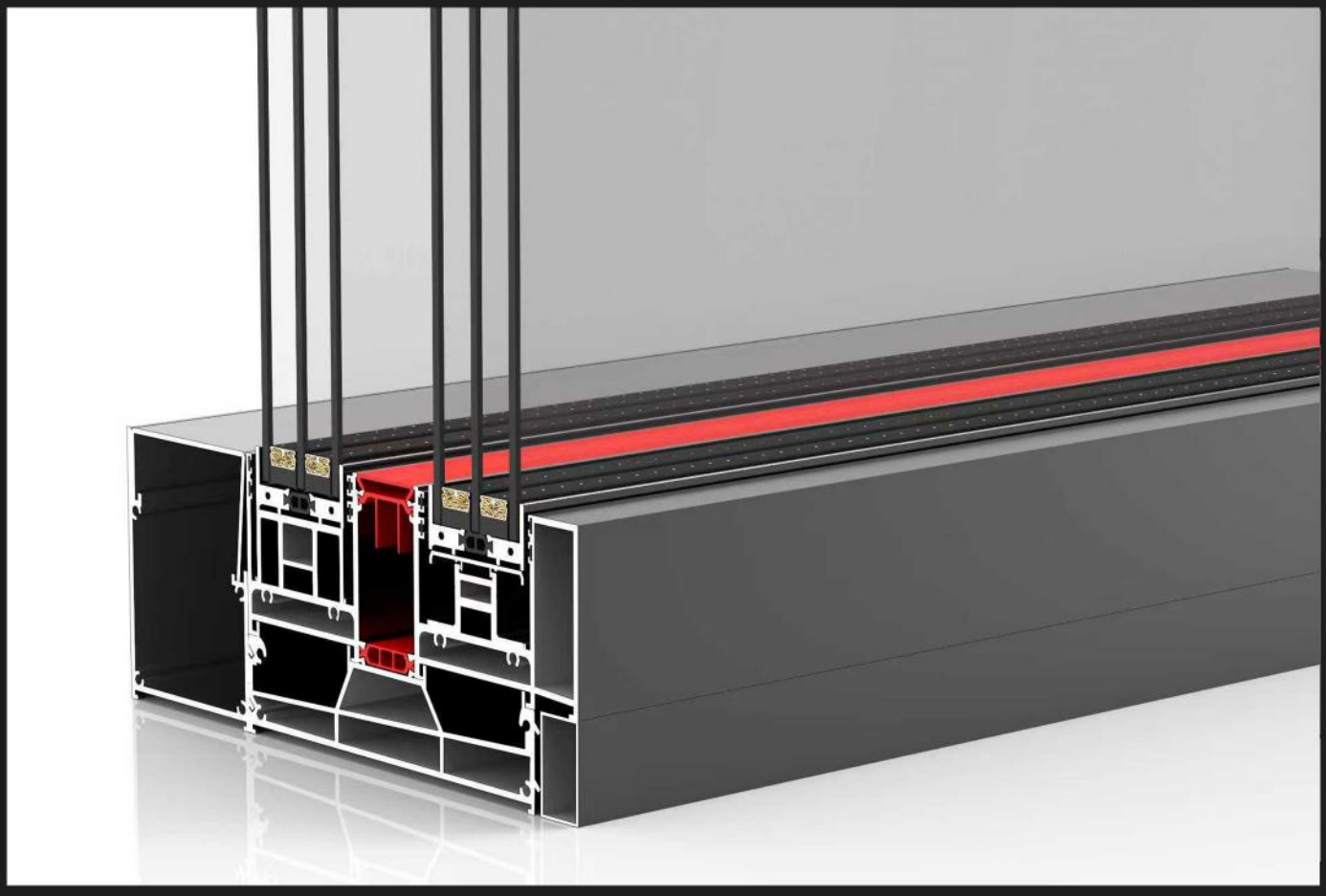


SLIDING

The next generation in minimalist Sliding Doors.
Sleek represents the pinnacle of sliding panel systems, with unique features that offer outstanding functionality and aesthetic appeal. The patented stainless steel bearing design enables horizontal panels to glide effortlessly, providing a seamless, smooth operation that moves like magic, and capable of accommodating oversized panels.

SLIDING

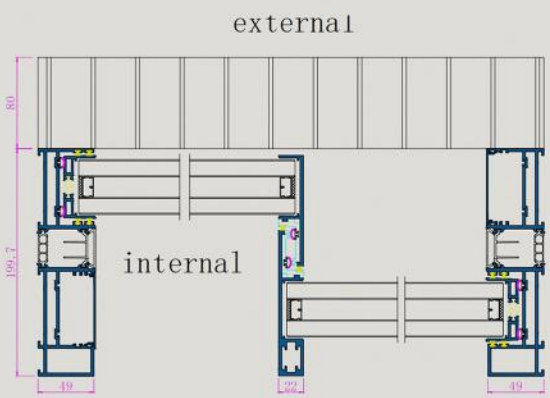


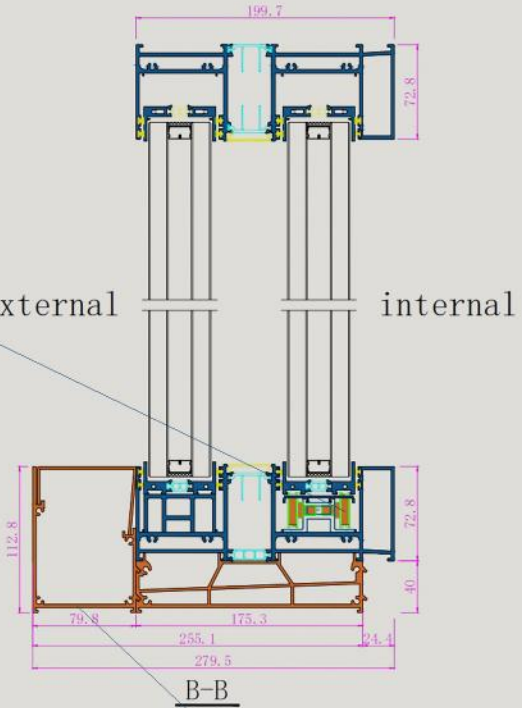


SLEEK SLIDING



Stainless steel bearing





Additional external drainage system required

Specification

Interlock width	22mm
Max. leaf weight	1 ton
Max. leaf size	18m²
Max. leaf height/width	3000mm*6000mm 6000mm*3000mm
Min. track width	48mm
Standard glass set	10mm+27A+10mm

Performance

Thermal insulation	≤1.45 W/m².k
Sound insulation	38 dB
Water tightness	300 Pa
Air tightness	≤1.47L/s.m²
Wind load resistance	3.0 Kpa

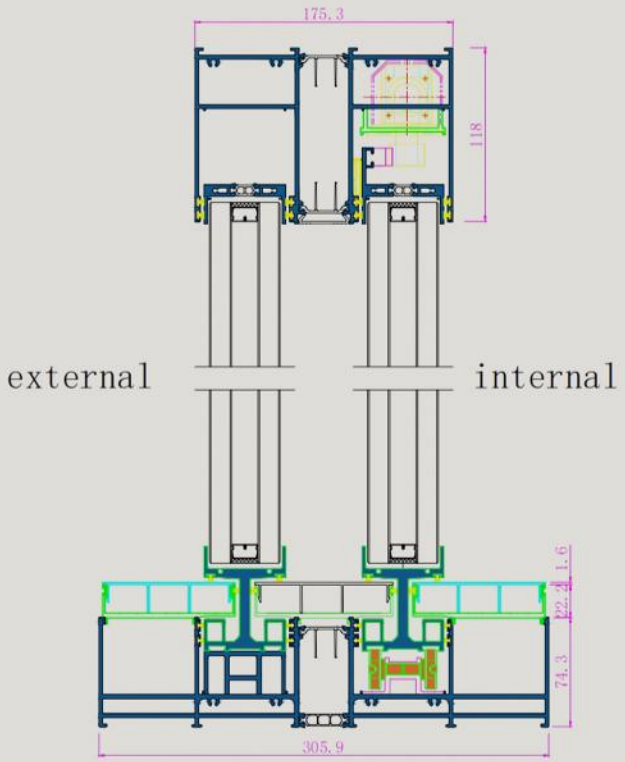


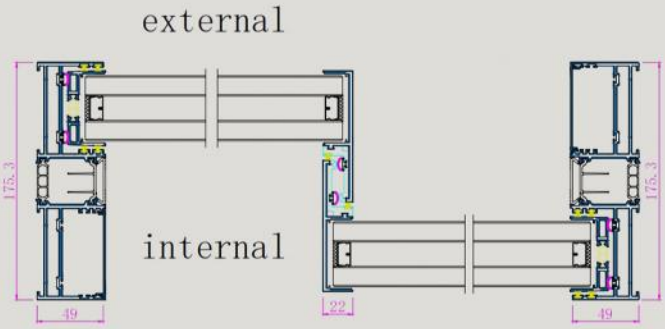
operable corner junction

OPTIONAL AUTOMATION & INVISIBLE TRACK

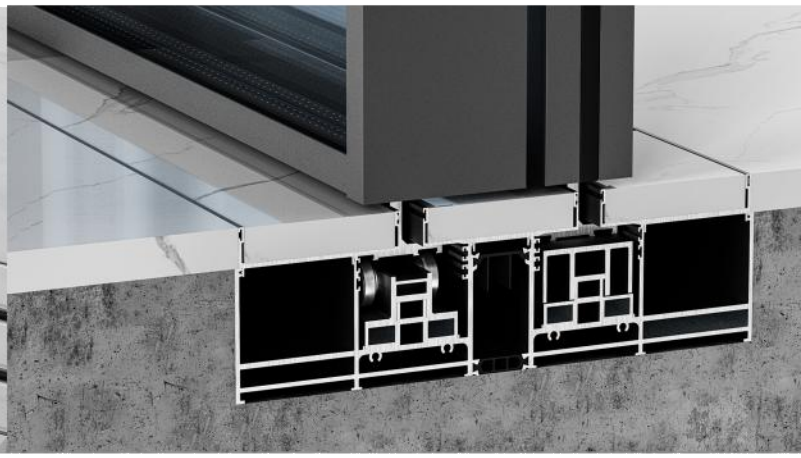
Sleek's state-of-the-art technology is elegantly showcased in their automated, intelligent sliding door.
Equipped with advanced features, such as intuitive smart sensors, the door effortlessly detects obstacles and halts for enhanced safety.
With its auto-locking capability, it provides an added layer of security. The door operates with seamless smoothness and near-silent operation

SLEEK OPTIONAL AUTOMATION & INVISIBLE TRACK









AUTOMATION AND SMART CONTROL SYSTEM

moorgen

Indoor rotation-touch screen Fixed/remote control

reddot design award

product design award

GOOD DESIGN



Moorgen has been honored with multiple global top product design awards. The Moorgen × sleek collaboration introduces the latest high-end-next-generation smart home system. It allows users to effortlessly control the sliding door from any area of their home. With its integrated knob-touchscreen interface and various contemporary design options, it redefines the conventional electric door control method, offering a novel experience that harmoniously blends with minimalist architectural interior styles.





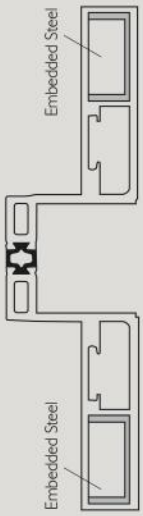
Indoor classic touch screen

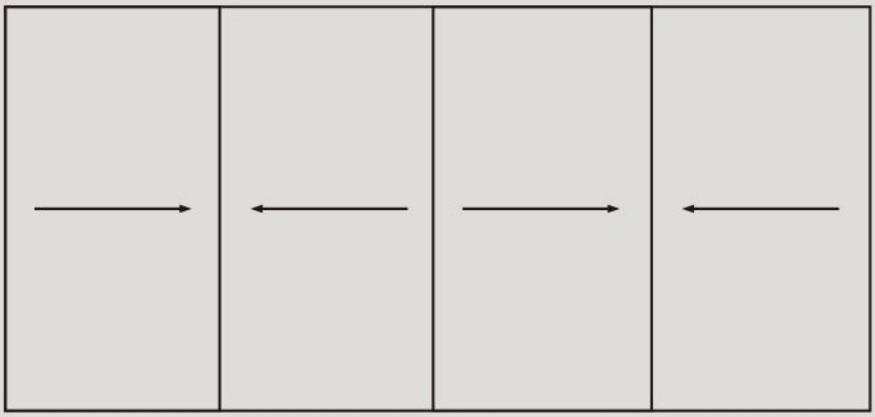


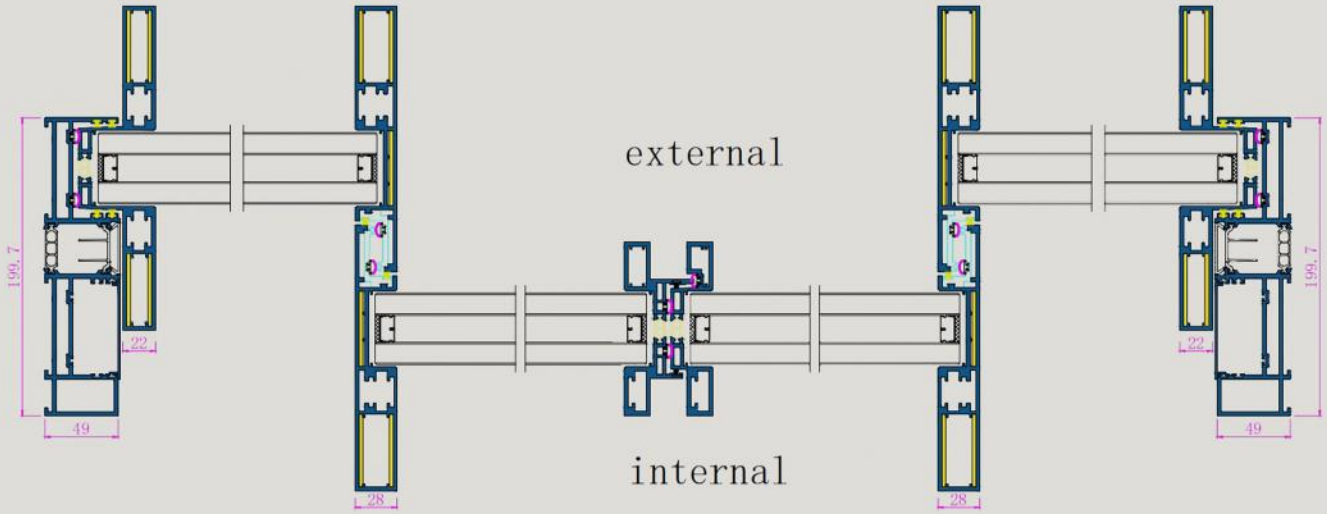
Outdoor fingerprint and password touch screen



SLEEK OPTIONAL SLIDING EMBEDDED PLUS







The Embedded Plus: an ultra-slim sliding door of remarkable robustness. Through the ingenious application of vertical embedded steel technology, the leaf attains superior reinforcement and minimal deflection. Demonstrating optimum frame stability and wind resistance, it proves ideal for coastal, high-altitude regions, and designs embracing oversized panels.

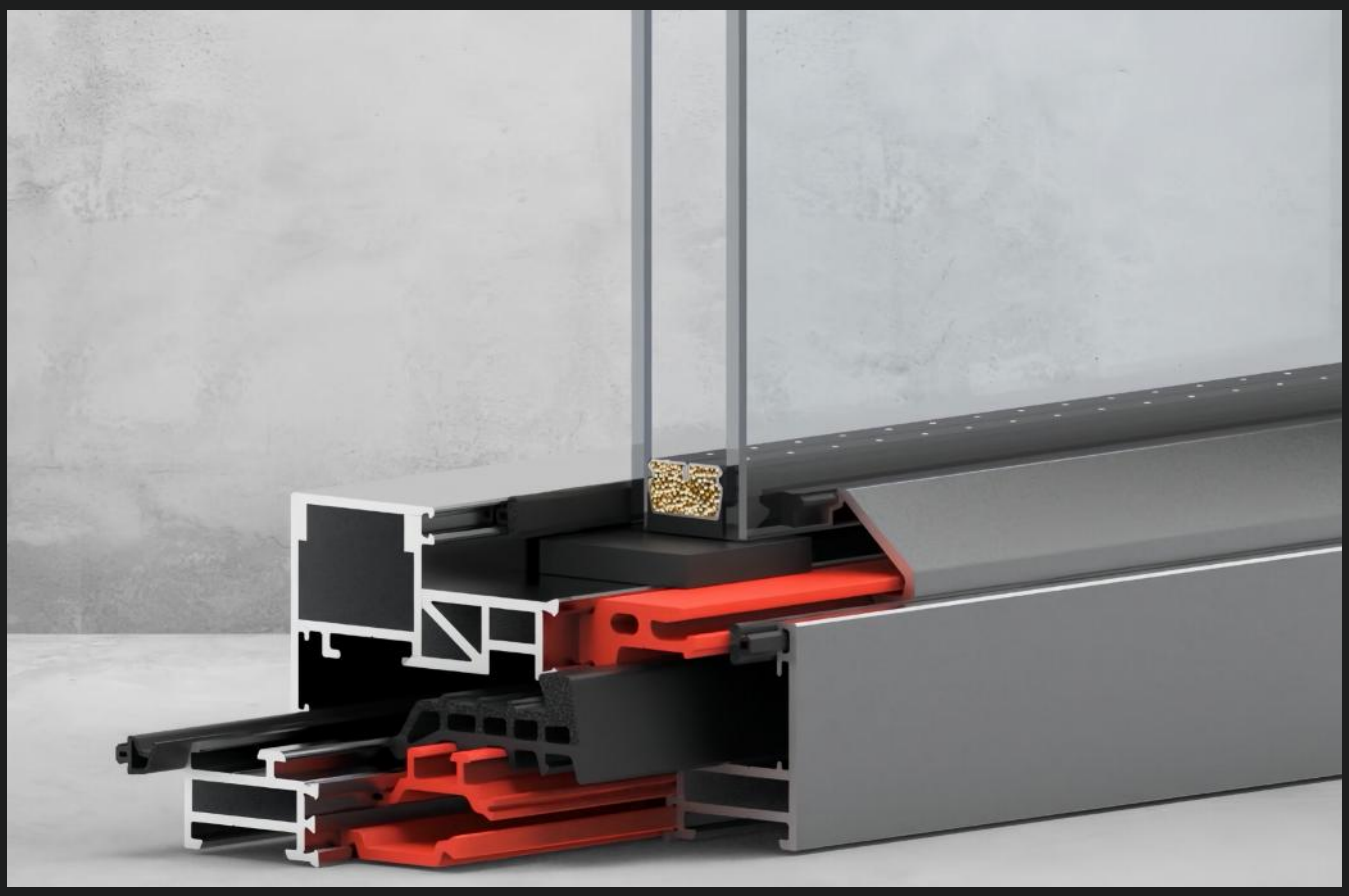


TILT TURN

A revolution in modern window design. Combining functionality with sleek aesthetics, this innovative window solution offers versatility like never before. With a unique tilt and turn mechanism, it allows for secure ventilation, effortless cleaning, and enhanced energy efficiency. The slim frame design maximizes natural light while maintaining superior insulation.

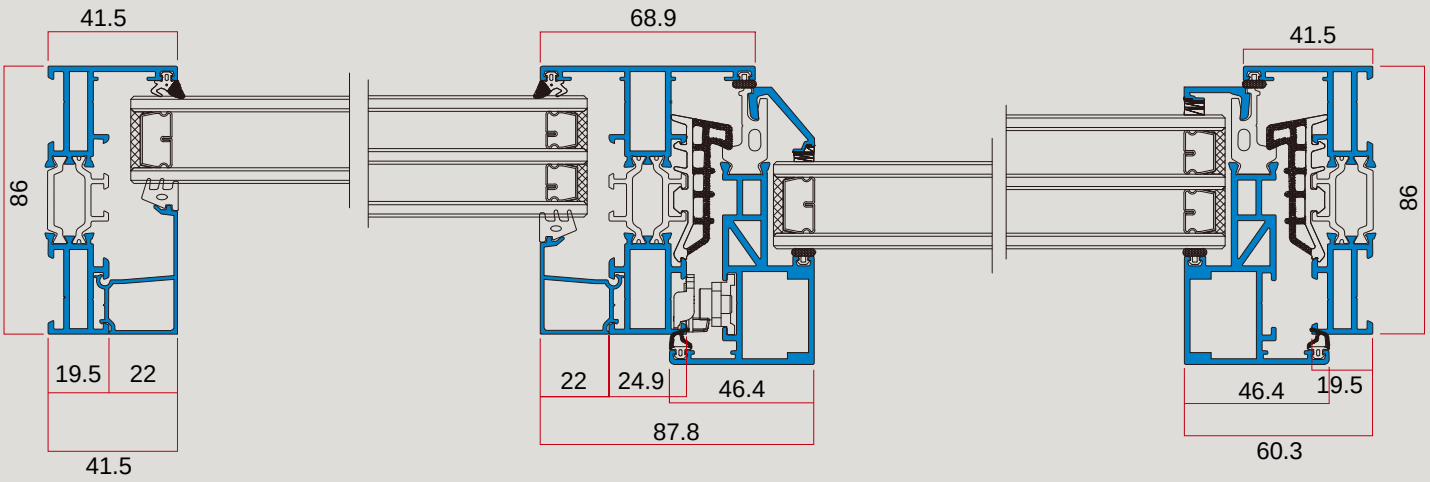


TILT TURN



SLEEK TILT TURN

external



internal

Specification

Min. Interlock width	69mm
Max. leaf weight	170kg
Max. leaf size	2.6m²
Max. leaf height	2600mm
Max. leaf width	1000mm
Standard glass set	5mm+18A+5mm 8mm+27A+8mm

Performance

Thermal insulation	≤1.4 W/m².k
Sound insulation	38 dB
Water tightness	600 Pa
Air tightness	≤0.13L/s.m²
Wind load resistance	3.0 Kpa

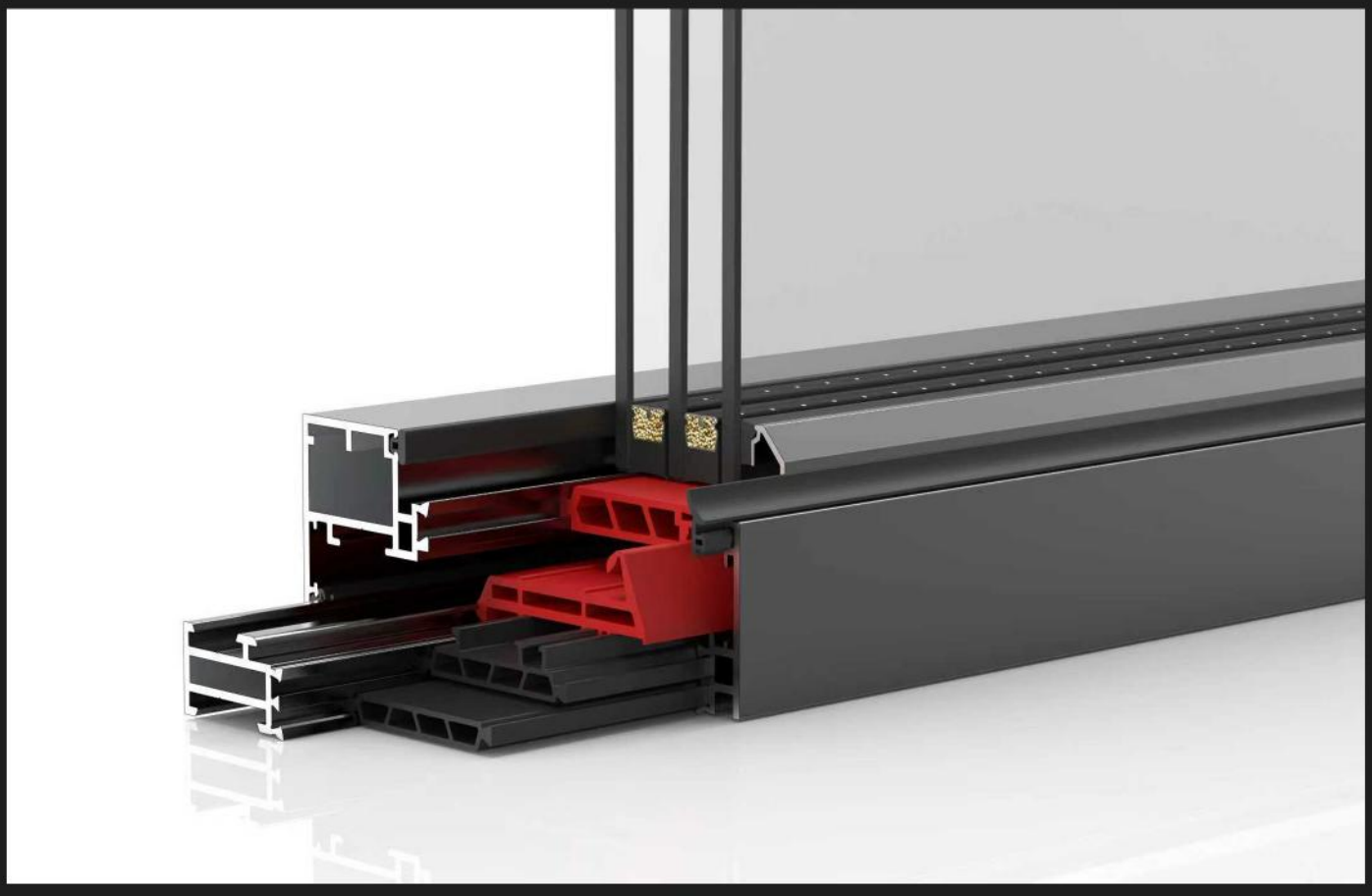


83 SERIES

83 Series represents a latest in design,
building upon the prototype to meet the demand
of architects for a minimalist and seamless glass facade.
With its sleek integration of glass and frame, it achieves a harmonious balance
between functionality and aesthetic appeal.

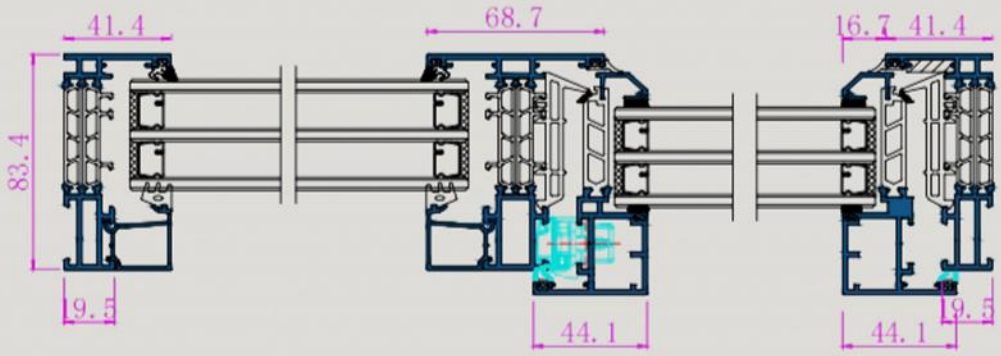


83 SERIES



SLEEK 83SERIES

external



internal

Specification

Min. Interlock width	69mm
Max. leaf weight	170kg
Max. leaf size	2.6m²
Max. leaf height	2800mm
Max. leaf width	1000mm
Standard glass set	6mm+10A+6mm+10A+6mm

Performance

Thermal insulation	≤1.2W/m².k
Sound insulation	38 dB
Water tightness	600 Pa
Air tightness	≤0.13L/s.m²
Wind load resistance	3.0 Kpa

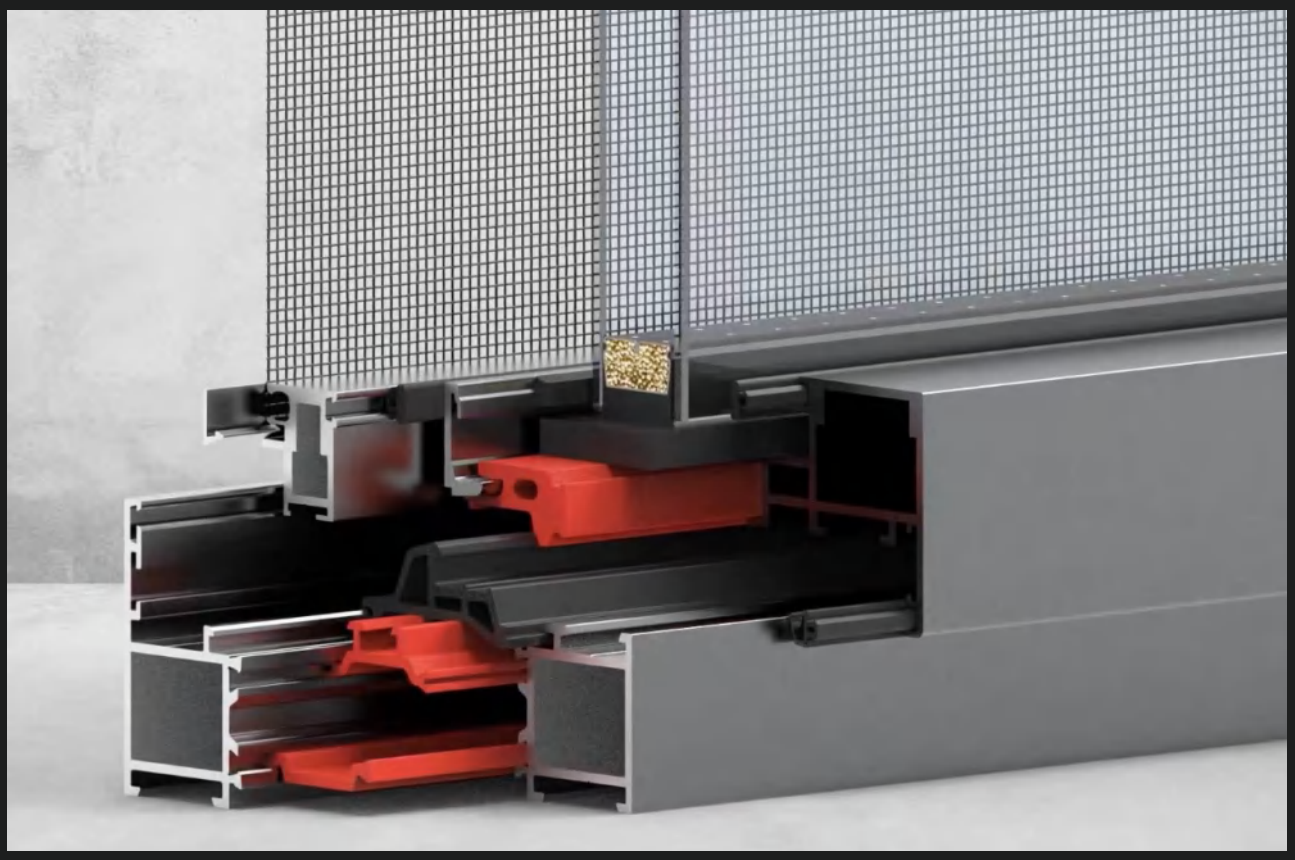


TILT TURN YS SERIES

YS Series is an elevated design derived from the prototype,
incorporating an integrated fly screen for a seamless and secure solution.
With its slim frame design, it ensures both high transparency and protection against insects, using a stainless-steel mesh that can be opened, removed, and equipped with a child safety lock. Additionally, the option to add an external invisible railing， provides triple security measures. This series is perfect for projects requiring elevated safety and insect protection in high-rise settings as well as individual homes.

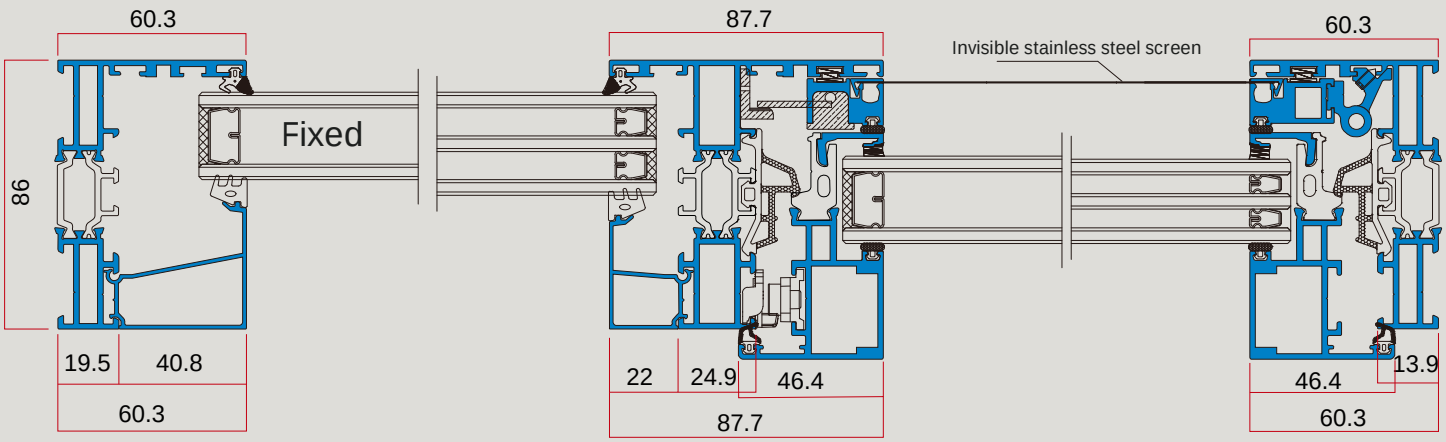


VS SERIES



SLEEK VS SERIES

external



internal

Specification

Min. Interlock width	69mm
Max. leaf weight	90kg
Max. leaf size	1.1m^2
Max. leaf height	1600mm
Max. leaf width	700mm
Standard glass set	5mm+18A+5mm 5mm+9A+5mm+9A+5mm

Performance

Thermal insulation	≤1.4 W/m2.k
Sound insulation	38 dB
Water tightness	600 Pa
Air tightness	≤0.14L/s.m^2
Wind load resistance	3.0 Kpa



VENTILATION

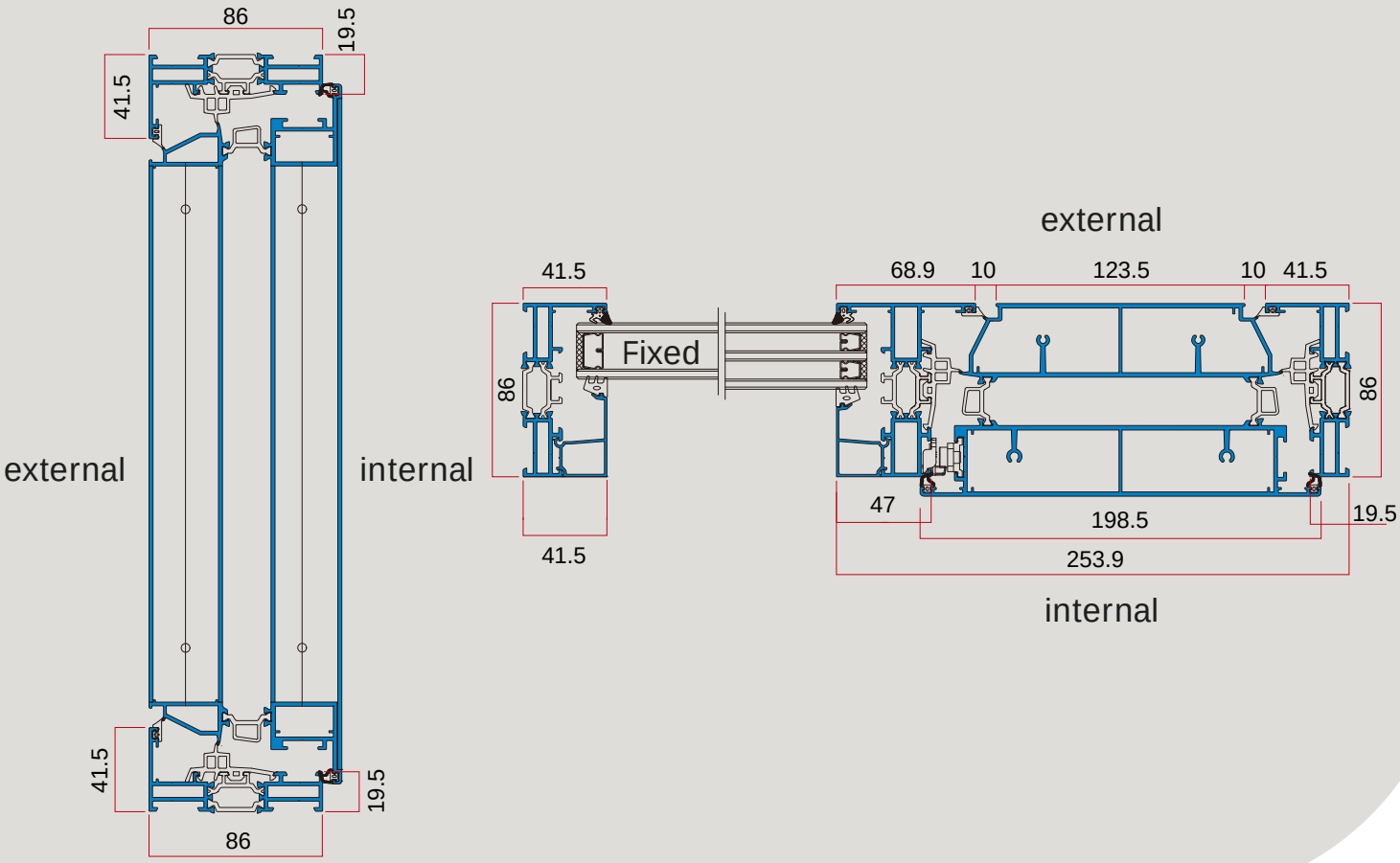
The ventilation Series is a cutting-edge window design that has gained popularity in Europe and North America. It features small operable leaf on one or both sides of large fixed glass panels, striking a balance between expansive views and ventilation needs. The series offers a high-transparency stainless steel mesh with the capability to open, detach, and include child safety locks, ensuring optimal safety. Additionally, it can be enhanced with an external concealed railing for triple security measures. The aluminum alloy material of the opening sashes provides versatility in color matching for seamless integration.



VENTILATION



SLEEK VENTILATION



Specification

Min. Interlock width	47mm
Max. leaf rotation	180 degrees
Max. leaf height	3600mm
Max. leaf width	198.5mm

Performance

Thermal insulation	≤1.8 W/m2.k
Sound insulation	38 dB
Water tightness	500 Pa
Air tightness	≤0.8L/s.m²
Wind load resistance	3.0 Kpa

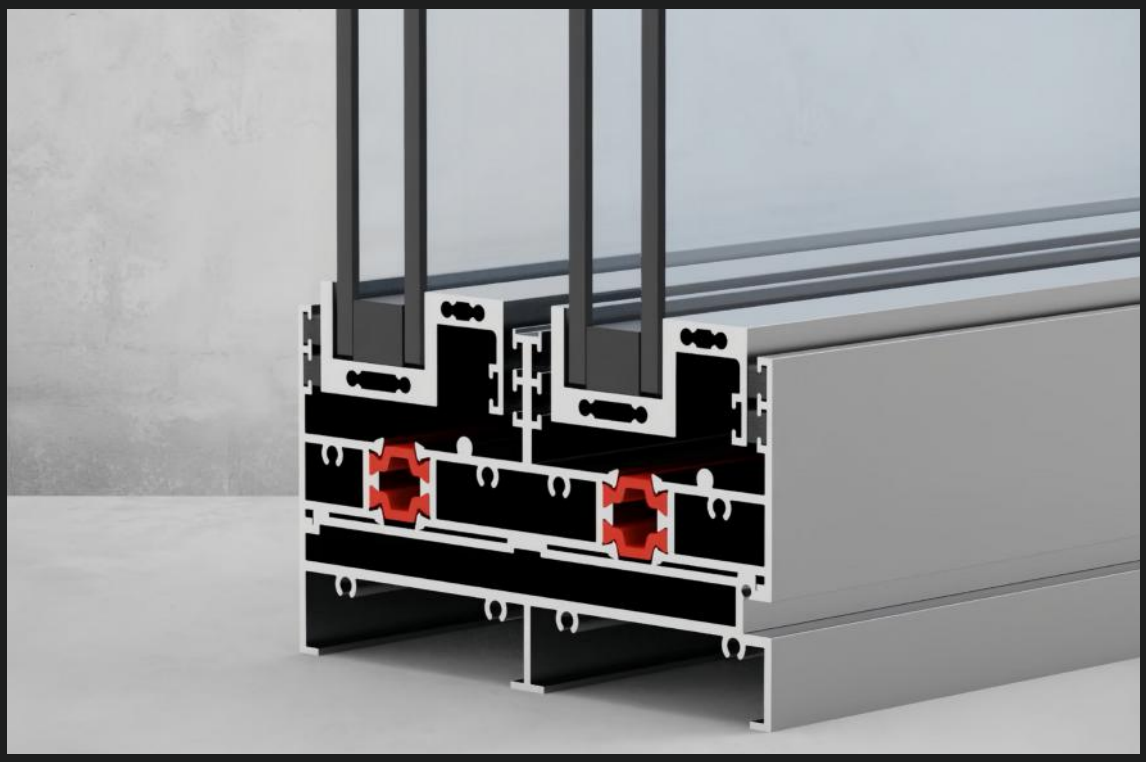


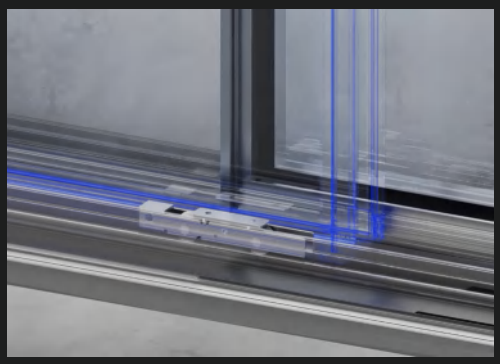
SLIDING WINDOW

The Sliding Window Series is a compact version of ultra-slim sliding doors, characterized by its narrow frames, dual security locks, and effortless opening experience. It offers the option of detachable high-transparency stainless steel fly screens and provides flexibility in combining with fixed glass panels to cater to diverse design needs.



SLIDING WINDOW





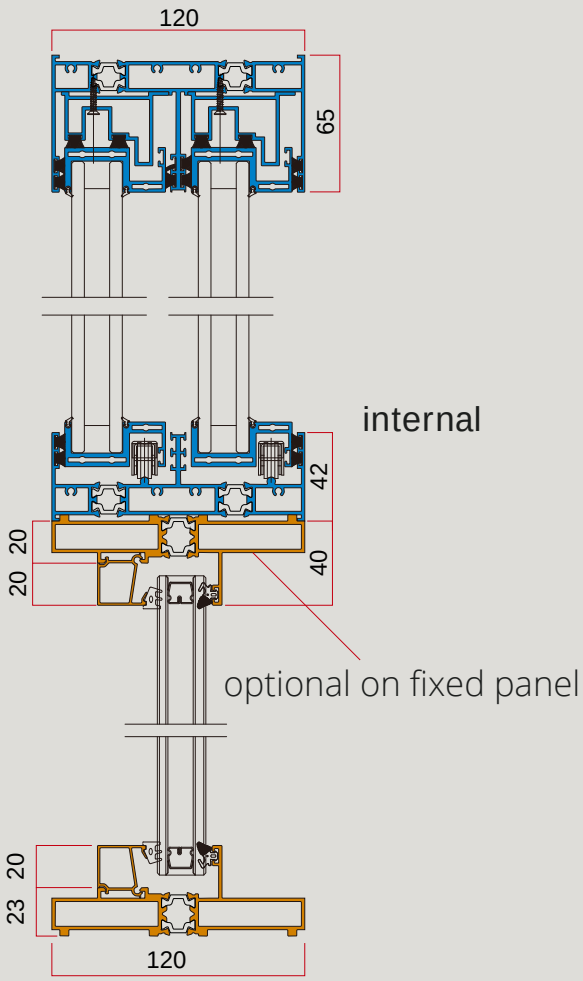
SLEEK SLIDING WINDOW

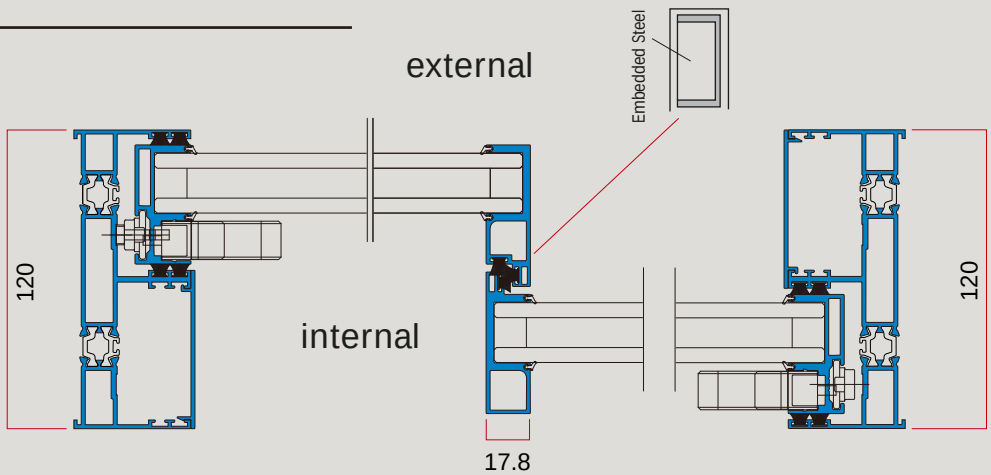
Specification

Interlock width	17.8mm
Max. leaf weight	90kg
Max. leaf height	2400mm
Max. leaf width	1200mm
Min. track width	120mm
Standard glass set	5mm+12A+6mm

Performance

Thermal insulation	≤1.8 W/m².k
Sound insulation	34 dB
Water tightness	500 Pa
Air tightness	≤0.4L/s.m²
Wind load resistance	3.0 Kpa







TOP HUNG WINDOW

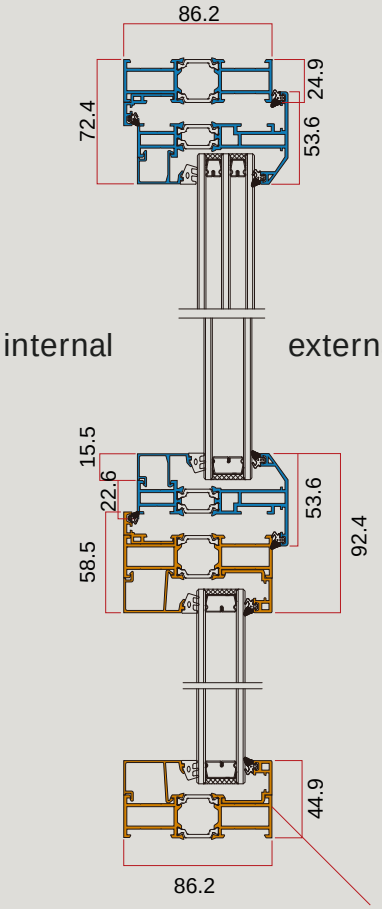
The Top Hung Window Series is a locally favoured and essential collection that sets itself apart with its double-glazed structure, complemented by a minimalist frame and opening system design. This combination brings about a significant elevation in both design aesthetics and functionality. Moreover, the inclusion of Sobinco opening restrictors allows for customization of the maximum opening angles, catering to the specific requirements of different floors.

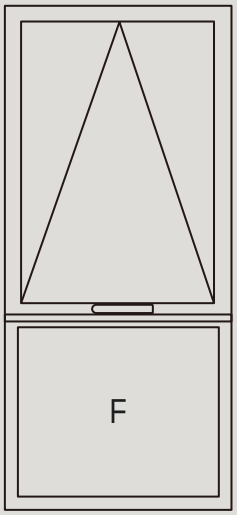


TOP HUNG WINDOW



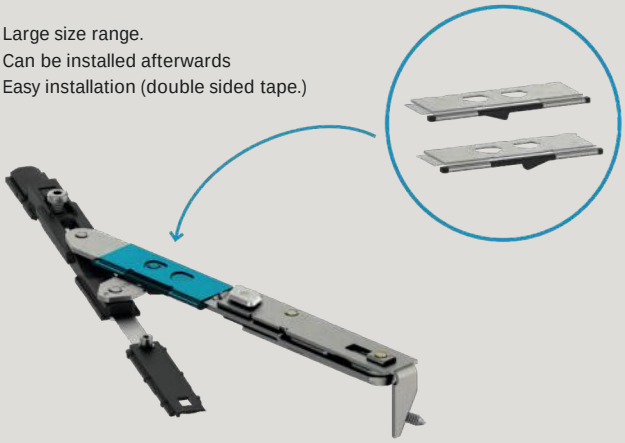
SLEEK TOP HUNG WINDOW

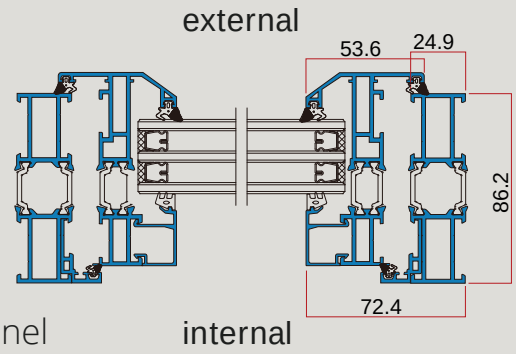




EXTRA ANTI-SLAM SHUT DEVICE

- Large size range.
- Can be installed afterwards
- Easy installation (double sided tape.)





Specification	
Min. Interlock width	38mm
Max. leaf weight	80kg
Max. leaf height	1800mm
Max. leaf width	1000mm
Standard glass set	5mm+18A+5mm

Performance	
Thermal insulation	≤1.8 W/m².k
Sound insulation	34 dB
Water tightness	500 Pa
Air tightness	≤0.1L/s.m²
Wind load resistance	3.0 Kpa



PIVOT

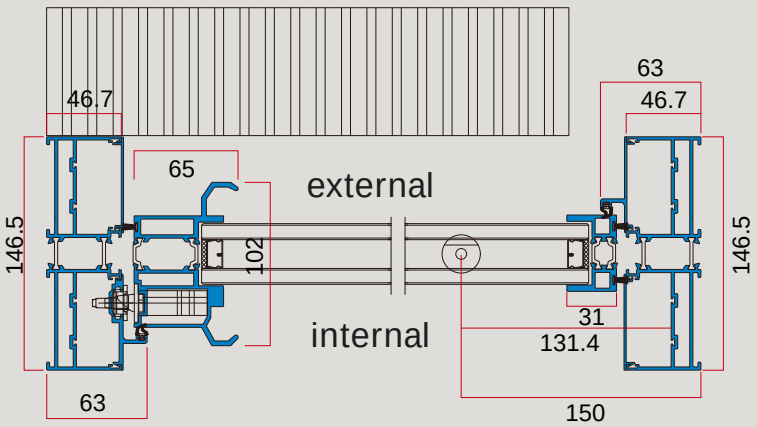
The Pivot Door Series is a meticulously balanced collection
that seamlessly integrates design and functionality.
This series boasts a double-glazed structure, a sleek integrated handle,
the option for a recessed frame, commercial-grade heavy-duty springs,
exceptional sound insulation, superior sealing, thermal efficiency, and anti-theft features.
With its minimalist design, it provides reliable and creative solutions for a wide range of
design requirements in diverse settings.

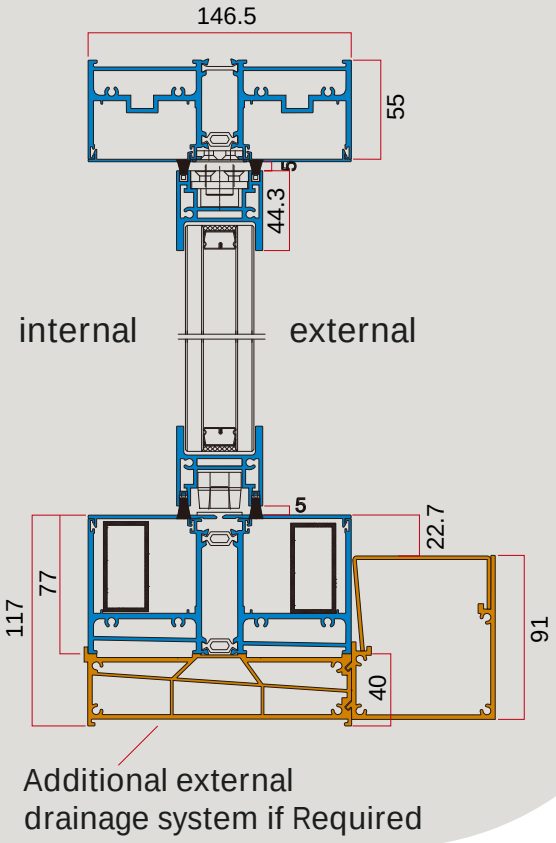


PIVOT



SLEEK PIVOT





Specification

Max. leaf weight	300 Kg
Max. leaf size	10.5m²
Max. leaf rotation	180 degrees
Max. leaf height	3800mm
Max. leaf width	2800mm
Standard glass set	8mm+23A+8mm

Performance

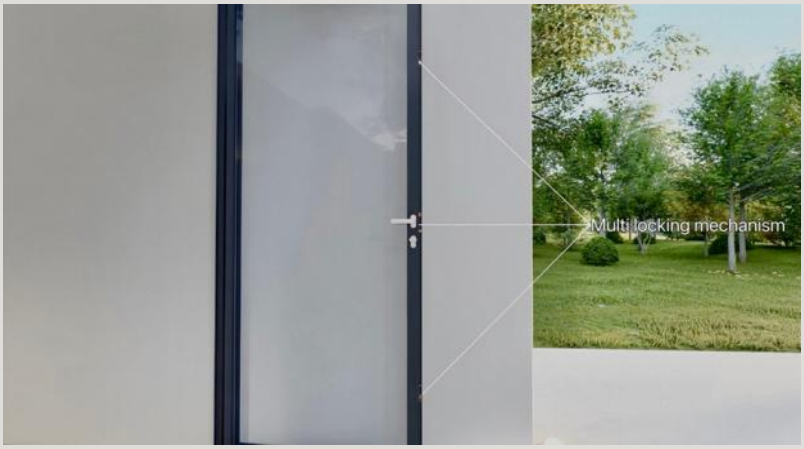
Thermal insulation	≤2.3 W/m².k
Sound insulation	34 dB
Water tightness	300 Pa
Air tightness	≤3.2L/s.m²
Wind load resistance	3.0 Kpa

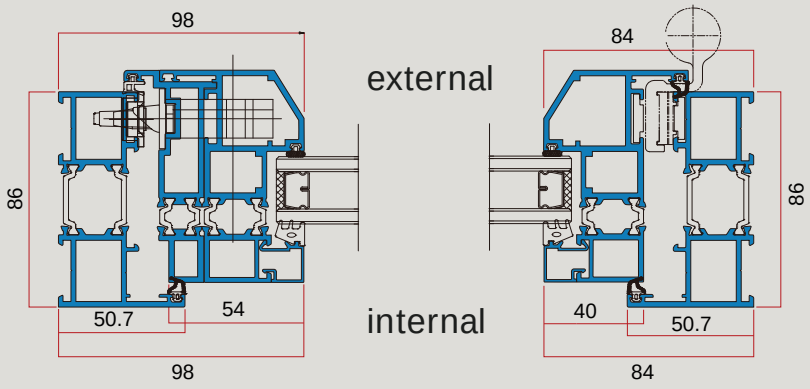


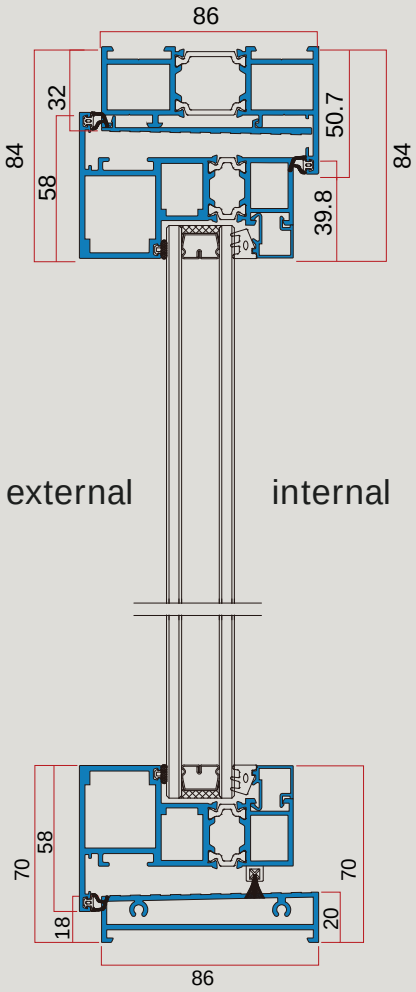
MINIMALIST HINGED DOOR

The Hinged Door represents an innovatively exceptional swing door,
characterized by substantial enhancements in basic performance, security protection,
and space optimization. It boasts a triple-lock mechanism
with a premium minimalist handle design.
With its outstanding thermal insulation, superior sealing,
and optimum soundproofing capabilities, it ensures an elevated user experience,
catering to the discerning needs of architects and designers.

SLEEK MINIMALIST HINGED DOOR







Specification

Max. leaf weight	180 Kg
Max. leaf size	3 m^2
Max. leaf rotation	90 degrees
Max. leaf height	3000mm
Max. leaf width	1000mm
Standard glass set	5mm+18A+5mm

Performance

Thermal insulation	≤1.8 W/m^2.k
Sound insulation	38 dB
Water tightness	500 Pa
Air tightness	≤0.8L/s.m^2
Wind load resistance	3.0 Kpa

HARDWARE & COMPONENTS

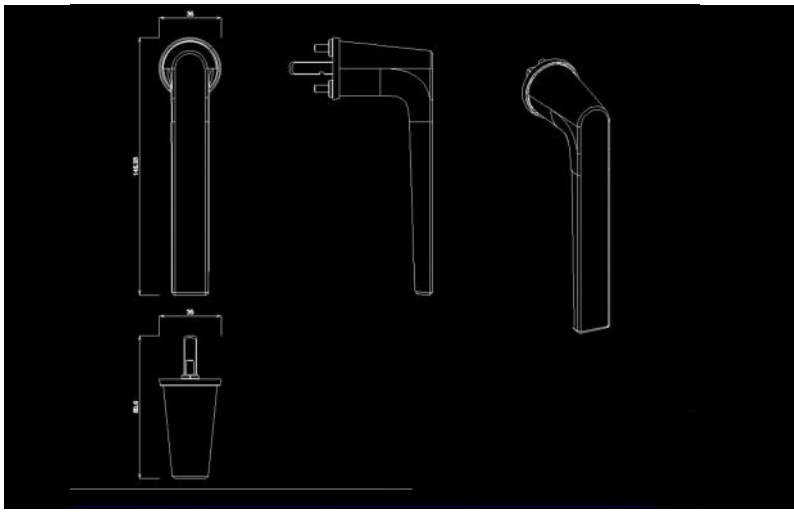
Sobinco
OPENS YOUR LIFE

Sobinco is a Belgian company that specializes in the production and distribution of high-quality locks, hinges, and other hardware for windows and doors. With over 70 years of experience, Sobinco has become a leading brand in the European market, known for its innovative products, and commitment to sustainability and the environment. The company's products are used in a wide range of applications, from residential to commercial buildings, and are known for their durability, security, and ease of use.

Sobinco is a major hardware supplier for Sleek's locks, hinges and other components.











SLEEK UNA SERIES SOLID STAINLESS STEEL CUSTOMIZED HANDLE

Crafted from pure stainless steel, The Sleek UNA series handles are designed with a minimalist and ergonomic approach. These customizable high-end handles blend form and function to achieve a sleek, understated look that is both stylish and durable. Perfect for those who value quality and design.





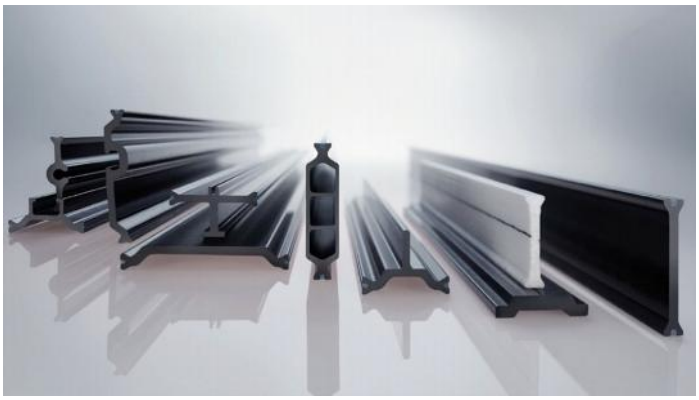




SLEEK

Ensinger insulbar

Ensinger- Insulbar Germany is a premier manufacturer of thermal insulation profiles for windows, doors, and facades. With over 40 years of experience, Insulbar has been providing top-quality thermal break solutions. As the inventor of the polyamide insulating profile, Ensinger continues to lead the global industry by using 100% recycled materials.



Insulbar's Recyclable polyamide helps to reduce heat transfer between the exterior and interior of buildings, resulting in improved energy efficiency and reduced energy costs, making Insulbar's products both environmentally friendly and cost-effective.

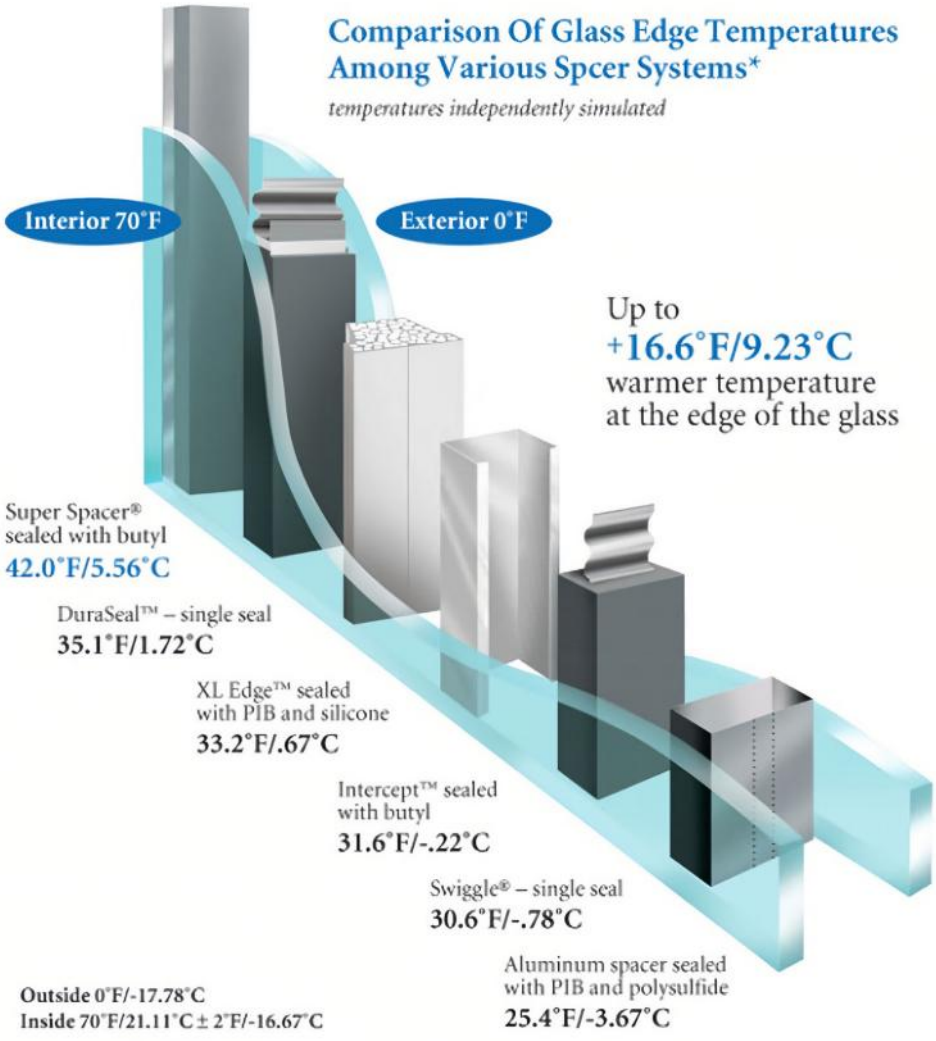
All Sleek Thermal-Break Systems use high-quality components from Insulbar. a renowned manufacturer of thermal insulation profiles. This ensures exceptional soundproofing, heat insulation, stability, and safety. Sleek's innovative design, coupled with Insulbar's expertise in interior design solutions, results in products that exceed the highest standards of functionality and design. The partnership between Sleek and Insulbar guarantees advanced energy efficiency and performance.



Quanex Super Spacer®

Super Spacer is an advanced warm-edge spacer system designed for energy-efficient windows, offering superior insulation and condensation resistance. Its silicone foam material provides maximum energy efficiency, reducing energy costs and improving overall comfort. Additionally, Super Spacer is an eco-friendly solution, promoting green living and reducing carbon footprint.
Super Spacer is Sleek's newest supply chain partner and a recommended
option for achieving the highest level of performance and long-lasting durability for green home design.





GLASS OPTIONS

AS1288 Certified Double or triple glazed available

Super clear tempered glass- Argon gas filled (Standard)

Anti reflective glass (Optional)

Curved anti reflective glass (Optional)

Invisible double glazed conner junction glass (Optional)

One way glass (Optional)

Mega Oversized self-supporting glass

panel up to 3000mm*22000mm available

EXPAND YOUR HORIZONS

SLEEK

