

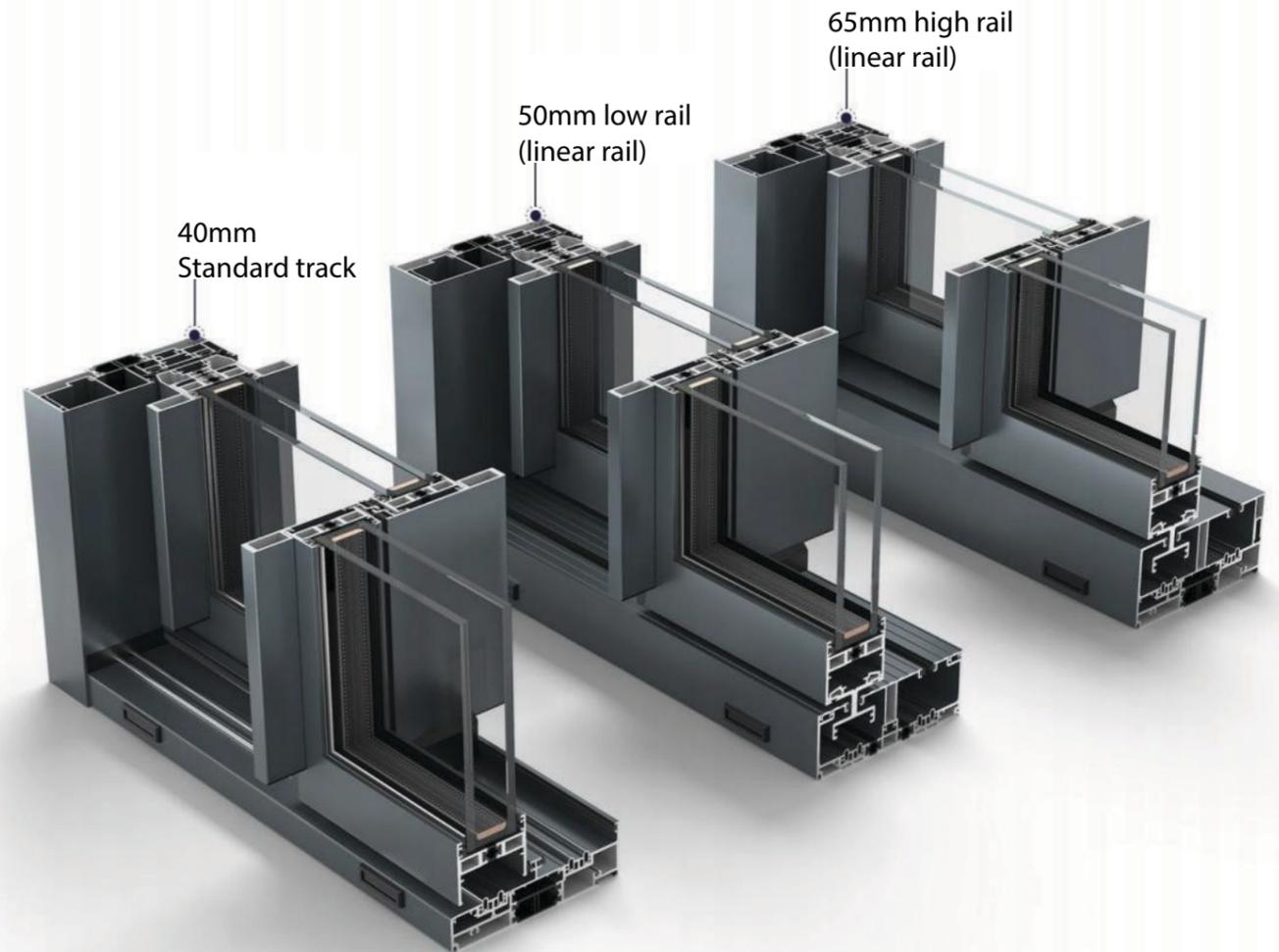
THERMAL BREAK ALUMINIUM SLIDING SYSTEMS

2025

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ES150PD

PANORAMIC SLIDING DOOR



A perfect combination of function and design,
setting a new standard for panoramic sliding

A COMBINATION OF FUNCTION AND DESIGN
SETTING A NEW STANDARD FOR PANORAMIC PUSH PULL

In recent years, the panoramic sliding system has been favored by designers and owners.

Its charm lies in its extreme transparency and lighting. The large area of glass combined with slender profiles can bring an unparalleled broad field of vision, making the building blend into the surrounding environment.

ES138 panoramic sliding system is the first panoramic sliding system with ten configurations provided by the company in the industry. A wide range of opening types provide various application solutions to meet higher requirements of design, safety, quality and function. It adapts functions and performance characteristics to the "window" project, giving designers more room to play when planning and designing.

In terms of the diversity of product design, the company has always been at the forefront of the industry.

[S138 Panoramic sliding system is opening up a new design style and system concept - the industry's shortest 50mm linear track, expansion installation technology, no need for pre-buried drainage treatment and other new features provide designers and processors with more unprecedented new advantages.

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INNOVATIVE DOOR TECHNOLOGY

Innovative door leaf technology Flexible selection of glass thickness and efficient processing

In the past, panoramic sliding products mostly used 90-degree T-connection and external gluing technology for the door leaves, which only reduced the visible surface of the profile. As a result, the corner strength and aesthetics were always unsatisfactory.

T. ES138 panoramic system's innovative door leaf technology shows new thinking and a brand-new immune solution while maintaining the visibility of the 28mm narrow door, simplifying installation and embodying high-end design elements; 15-degree inclination The red-angle screw connection technology provides efficient processing and strength guarantee.

Design Advantages

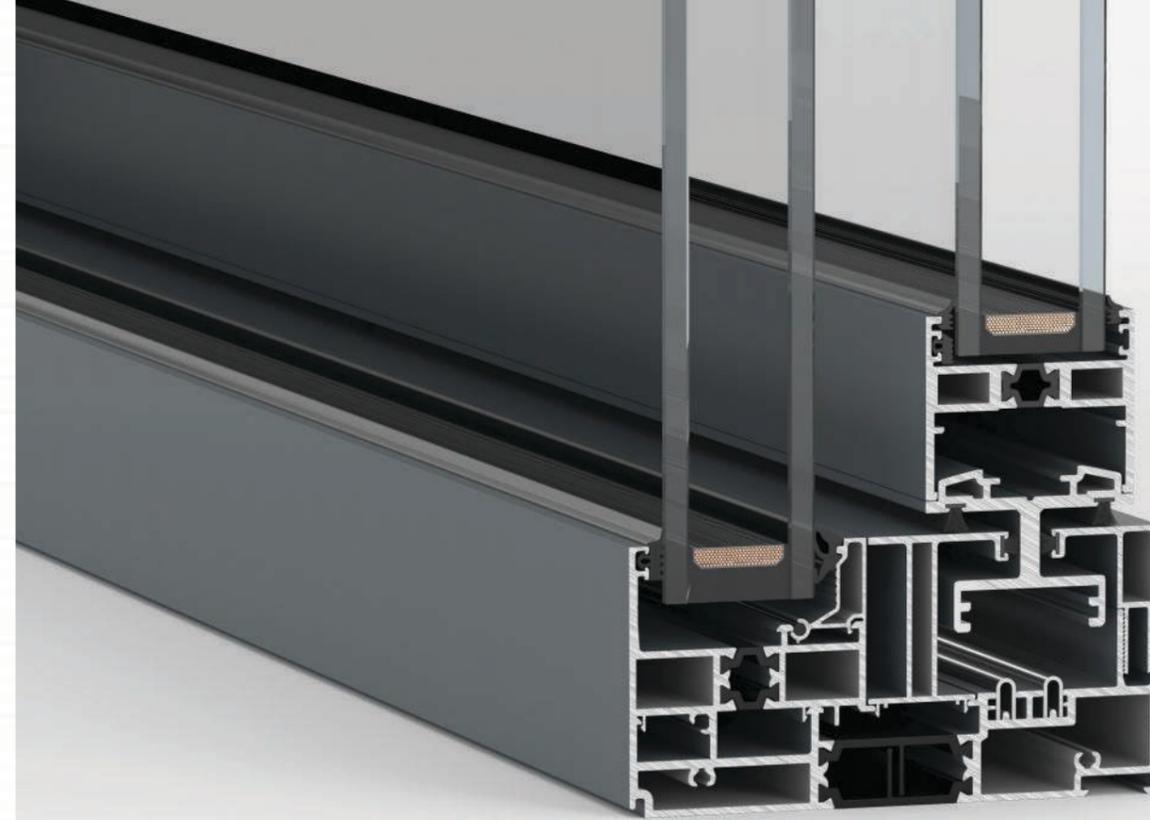
Maximum slot size can reach 41mm, Glass area can reach 20m² attribute the success to the newest rubber strip solution

The coherent rubber strips give an outstanding waterproofness.

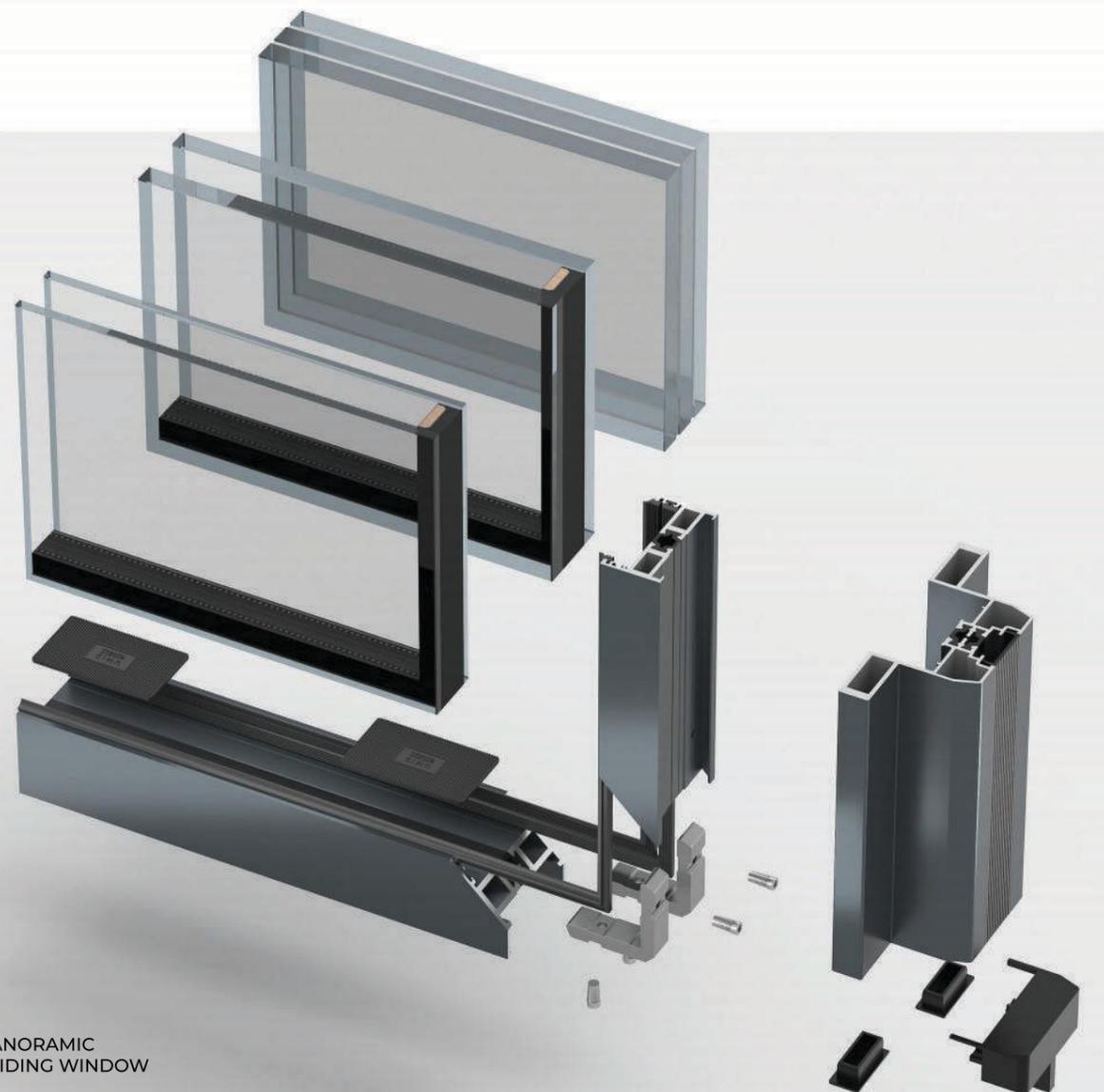
Process Advantages

Simplify the installation process, reduce transporting costs

Reliable 45° Angle, unitary processing significantly improve the strength of the sash. Less components lower the storage pressure.



65mm High Track(Linear)



PANORAMIC
SLIDING WINDOW

A PUSH-PULL SYSTEM
NUMEROUS DESIGN OPTIONS

One Sliding System Multiple Design Options

- 1 One System, Three different tracks**
Multiple tracks options are suitable for different project.
- 2 Less system component, Lower cost**
Except the width of Two-Tracks is 137mm and Three-Tracks is 206mm, the rest of components have the same constructure.
- 3 Remarkable Track Feature**
Tracks design of ES138 has highly passability and convenience.



50mm Low Track(Linear)



40mm Standard Track

All hidden design embedded sealing frame

ES68 provides two solutions that allow the frame and wall to transition smoothly. The parameter selection requires only simple pre-embedding conditions.

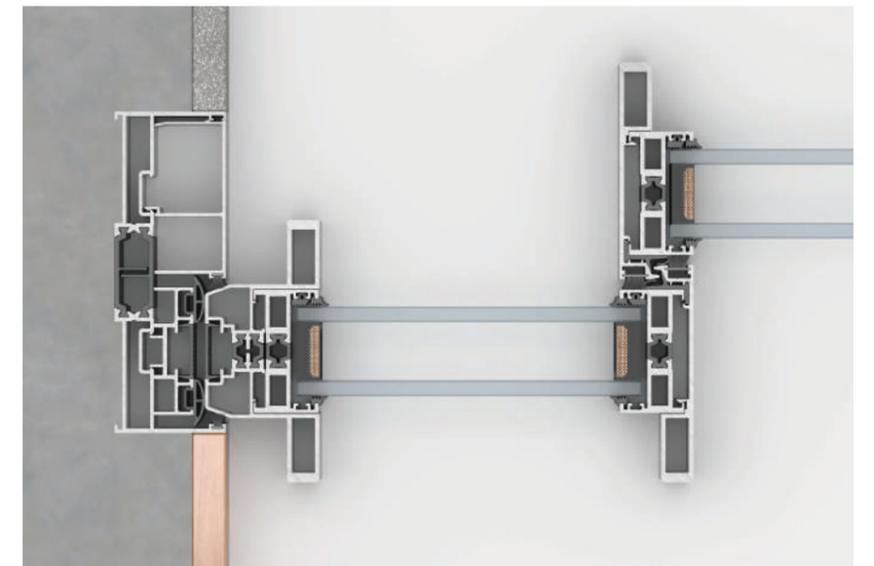
The standard light-locking solution is used to lock the five-door cabinet. To enhance the durability, the light-locking platform is 14 mm slender, and the protruding part can serve as a shear handle, allowing Yue Guang to move the large sliding door effortlessly.

The locking hardware of the light cabinet is hidden on the hook side, and only the light cabinet profile is completely hidden. Inside, the "full screen" feature allows only the transparent glass part to be exposed, providing a more extreme viewing experience.

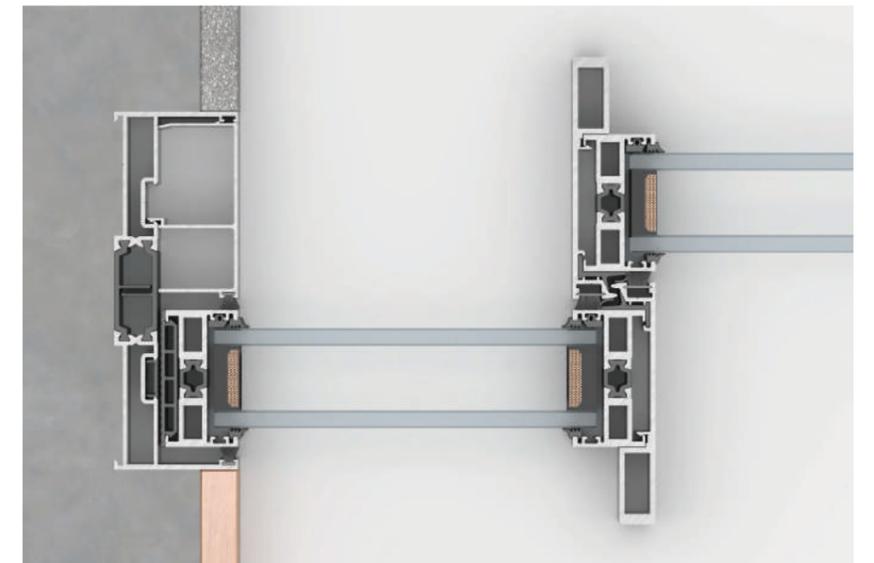
Both solutions have fully sealed tops and mouth-clip rubber strips, which closely adhere to the tension profile after the door leaf is locked, preventing cracks and seams between the outer frames. In addition to providing excellent anti-collision functions, also exerts complete tightness and watertightness.



How to lock the border of Guangqi



How to hook and lock borders



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Beauty and slim coexist The slim overlap are suitable for all projects

The visible surface of the panoramic door frame is completely hidden in the ceiling and floor, and the fixed leaf and opening part are separated by an extremely slender hook. This means that the hook area needs to meet the most demanding requirements in terms of appearance and functionality.

"Benefit from the 28mm extremely narrow fan design, integrated decorative panels, etc., the ES158's hook type has a maximum visible surface of 52mm for the reinforced production hook, while the non-flat production bamboo surface fishing small hook is only 14mm, which is beautiful and has a humanized Latin effect.

The FS138 panoramic system has a wide range of hook-and-loop system solutions that can be flexibly adapted to any application. The system minimizes the use of the same profiles and components to meet all requirements - performance, strength, aesthetics.



25mm Interlock
55mm Glass



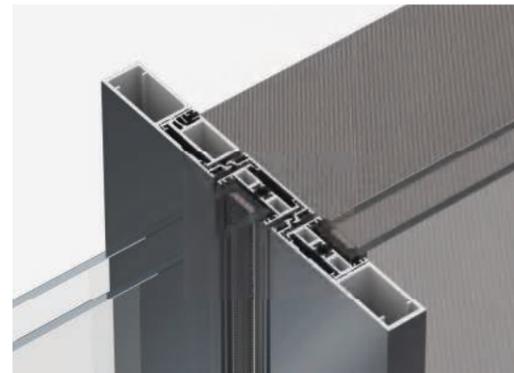
40mm Interlock
32mm Glass



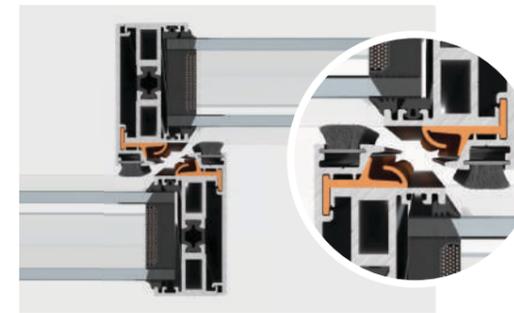
32mm Interlock
60mm Glass



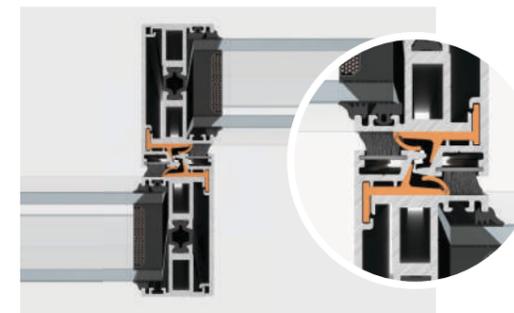
14mm Interlock
37mm Glass



19mm Interlock
37mm Glass



push-pull state
Moving state



Close state

COMPLETE HEAT BREAK AND
SEAL DESIGN

Completely insulated and sealed design
The perfect combination of precision
technology and ultimate appearance

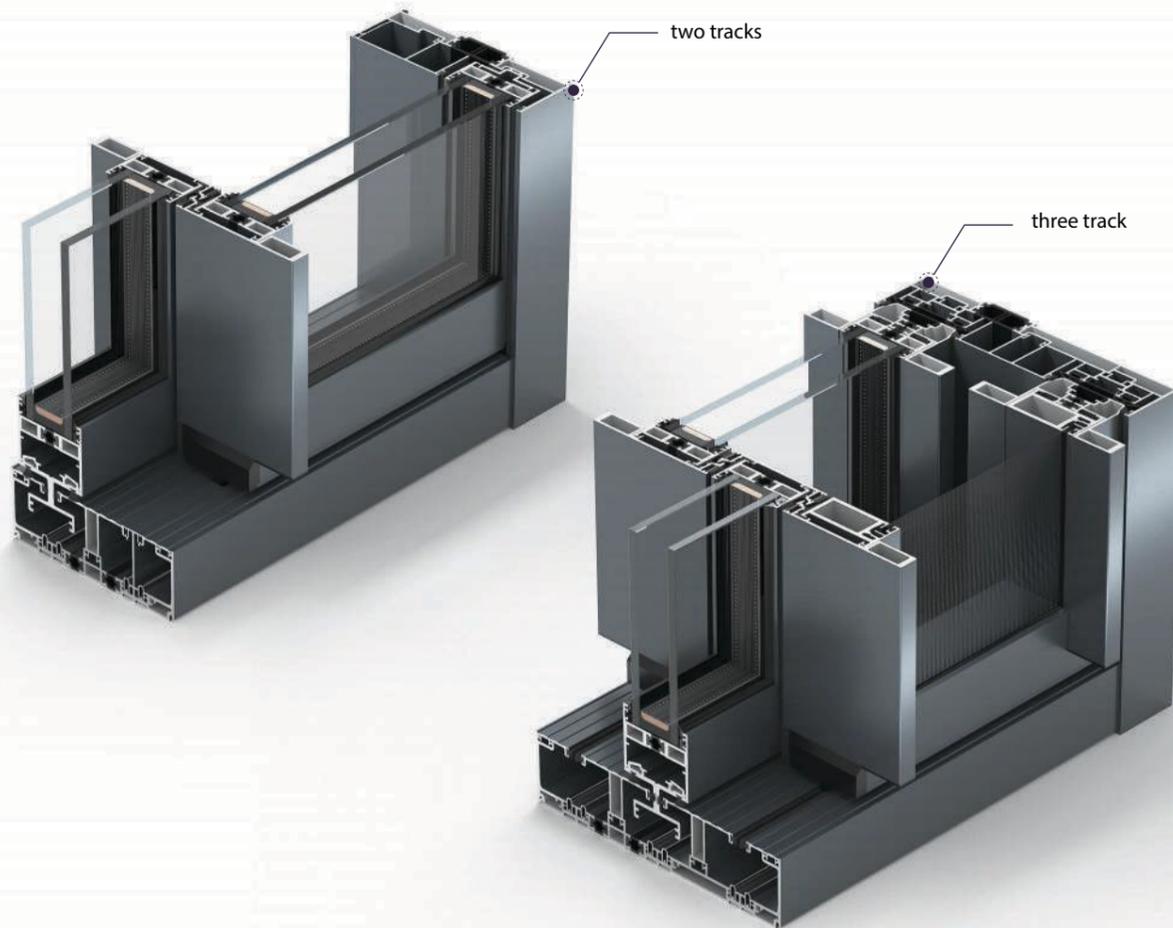
ES138's slim hook internal sealing solution is a completely
insulated soft and hard composite spacer made of multiple
strips.

The partition strips made of modern materials have the
three-in-one functions of anti-fall, heat insulation and sealing.
This novel design allows the air-conditioning parts to fit
tightly. After closing the door leaf, the Z-shaped joint
structure ensures the upright connection and sealing ability
within the extremely narrow visual area of 32mm.

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50mm Low Track

Linear track (LOW LINEAR TRACK)



Make panoramic design AMAZING 50mm low linear track

ES158 panoramic sliding door provides the industry with an unprecedented low threshold solution for the first time. The height of the solution including the cover plate and drainage is only 50mm! While it not only ensures convenient passage, but also the water collection trough on the track of the support arm is high, so that the basic watertight performance of the panoramic sliding door is guaranteed.

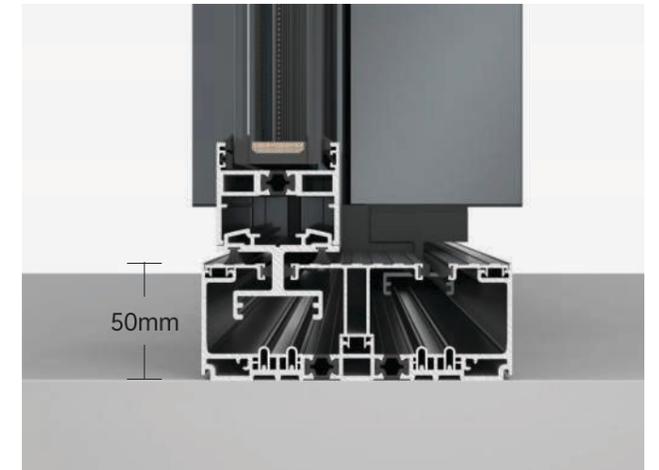
The brand-new threshold not only provides comfort and facilitates entry and exit, it also perfectly combines planning-oriented individual needs with on-site construction requirements. Individual requirements require complex pre-tanking and installation conditions, which are different from traditional balcony aisles. No difference.

Combining this design with linear track, the idea of one-line track can be easily applied to commercial buildings!

Smooth connection between interior and exterior Extend the living sapce

50mm ultra-low linear track Yemen-ES38 panoramic view. This is a user-friendly entry-level review that only requires the addition of simple material accessories and pre-controlled working conditions.

As a new solution, the 0-horizontal height difference neck-type track profile, with integrated central control and drainage channels, not only seamlessly connects the indoor and outdoor floors, but also greatly improves the user's comfort and the watertight performance of the threshold.



PANORAMIC
SLIDING WINDOW

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65mm high rail

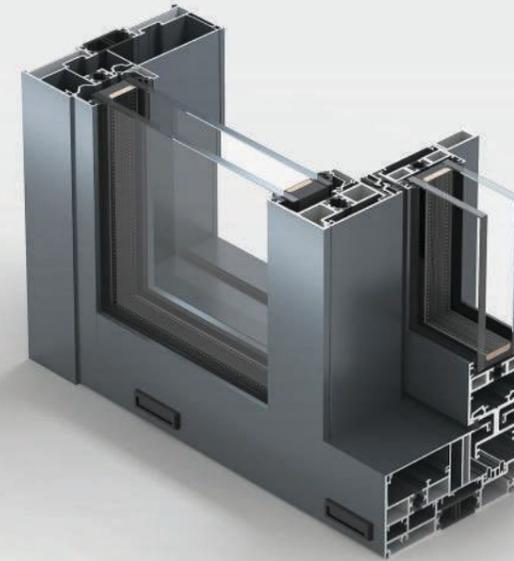
65MM HIGH TRACK (LINEAR TRACK)

UNIQUE WINDOW AND DOOR DUAL-USE STRUCTURE
STEP TO A NEW LEVEL OF "TRANSPARENCY"

Unique window and doordual-purpose structure takes "transparency" to a new level

In the past, high-rise buildings often did not install large sliding doors and windows. Due to the installation accuracy of the doors and the proportion of glass, the design often failed to meet the actual application requirements of the products.

Another unique feature of the company's S138 is the 65-line track, which allows large-scale sliding windows to achieve new possibilities in high-rise buildings - panoramic sliding windows and doors with large spans are the two.



65mm linear two-tracks(with fixed window)

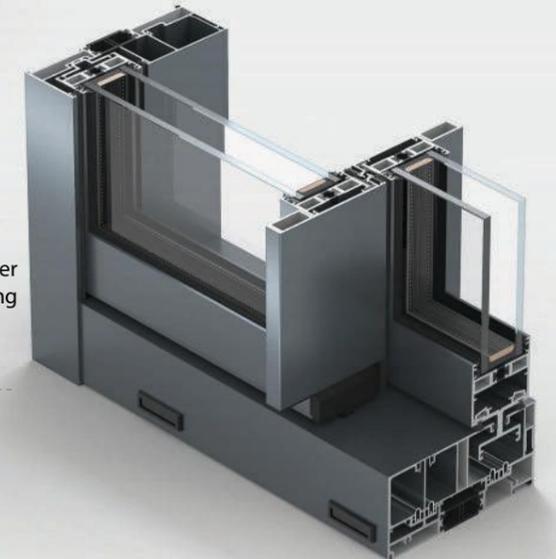
For the first time, two unique advantages are combined:

It has the conditions to be applied to building balcony window sealing. It can be designed according to the needs, with one flexible and one fixed flexible; the design form and light height ratio can be arbitrarily allocated, and the appearance can be kept consistent even when the backyard and fixed windows are closed.

65mm linear two-tracks(active sash)

High waterproof embedded structure

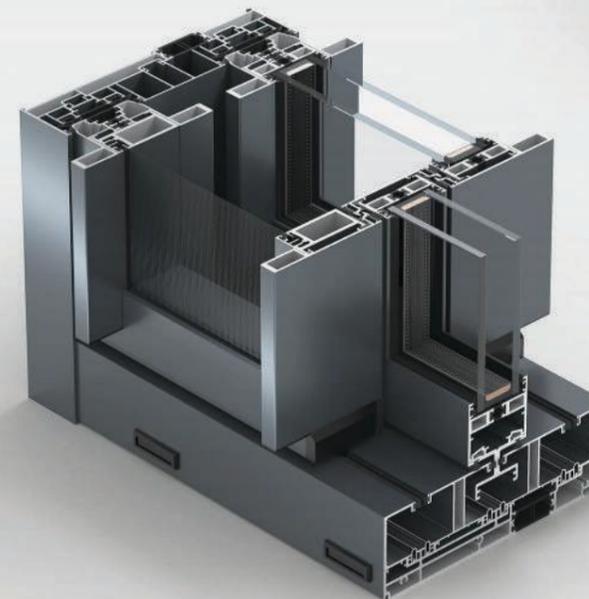
The internal seal is 65mm thick, forming a heightened water barrier and an enlarged water storage chamber, providing three high watertight properties.



65mm linear three-tracks(active sash)

Multi linkage design and Mosquito prevention

The increased frame size is designed to be super large and realize multiple door linkage, and one door can be made to open multiple doors.



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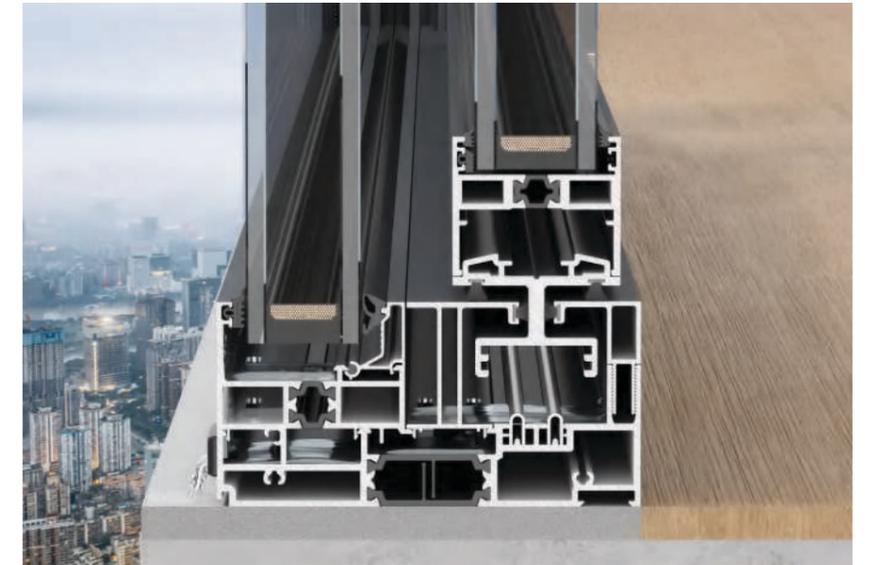
Combine the advantages of large fixed window and large sliding door

[S138 The popular 65mm linear Akidomi only requires a simple material switch, that is, the product can be used in two application sites: windows or doors.



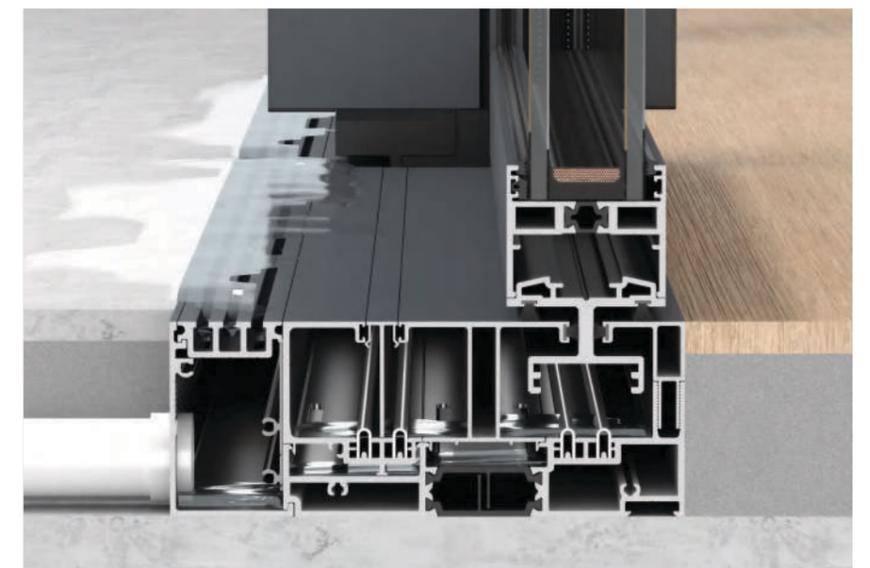
Balcony french window

On the basis of 65mm channel, the four-dimensional fixed waste profiles are perfectly embedded into the grooves, and the convenient disassembly design of T-type and F-type cover plates can be easily pried open. Therefore, the installation of large-span heavy glass panels becomes particularly simple, and they can be distributed in ten columns for continuous division, turning into a transparent, narrow-edge curtain wall facade.



Door

Under the premise of complete deployment of the Gua water channel, it can be semi-buried or fully buried, flush with the indoor and outdoor floors, and is a large aisle door: it provides high watertight performance.



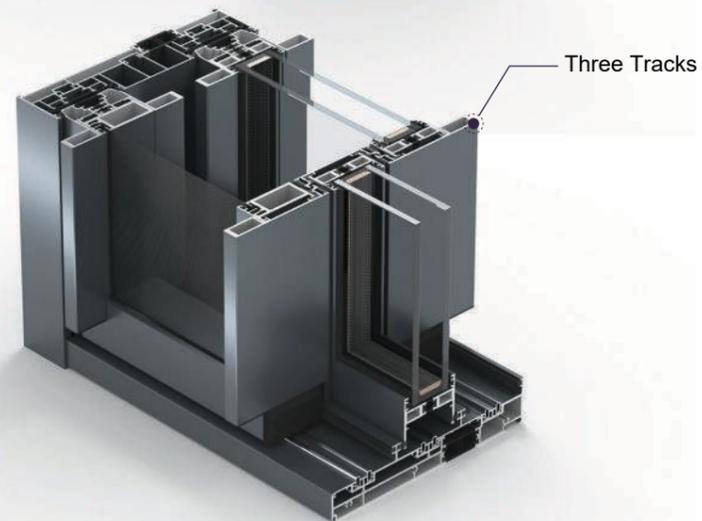
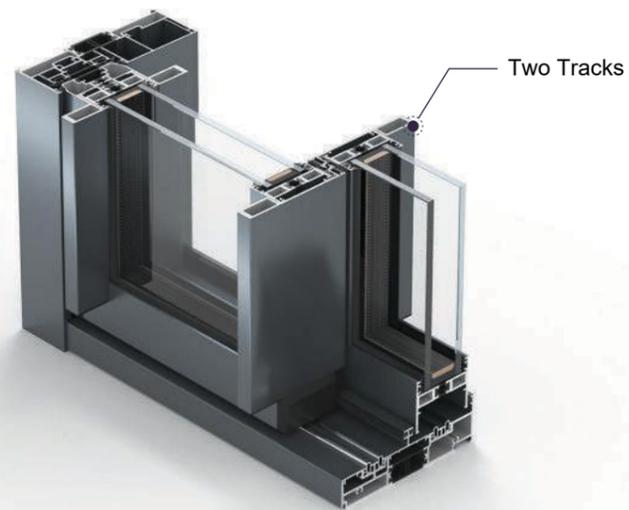
40mm

40MM STANDARD TRACK

Simple panoramic structure
High economic benefits

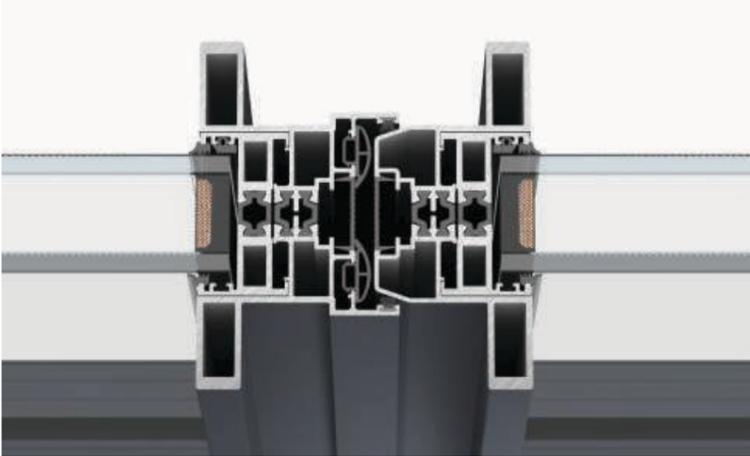
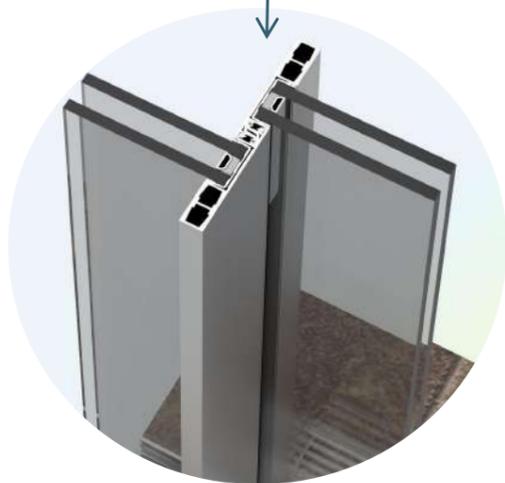
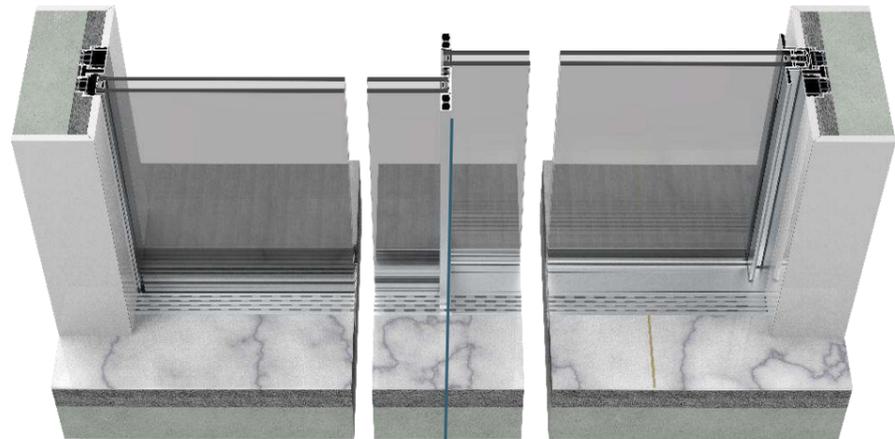
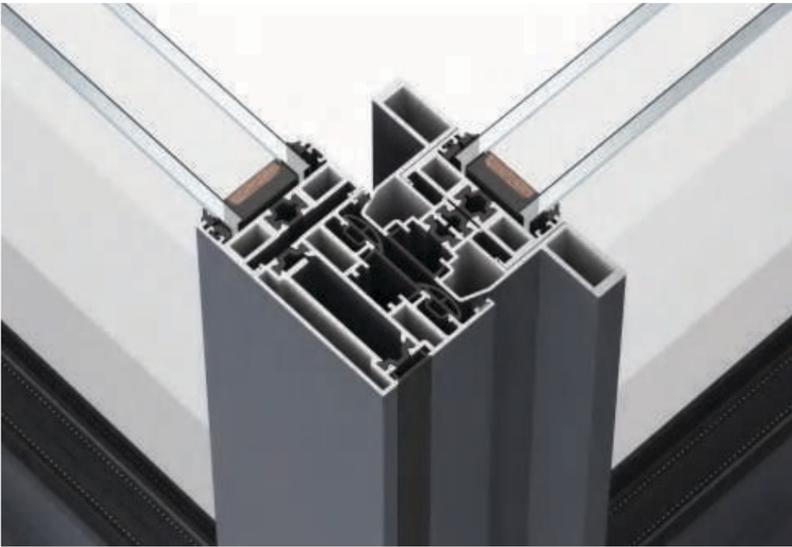
In addition to the unique built-in wire structure for panoramic doors, the company also retained the classic basic 40mm visual track solution.

Small water retaining arms, central dense pulleys, external slope drainage surface - these typical platform features include efficient small and medium-sized installation forms and very cost-effective coating ratio. Other structures or appearances are no different from the ES138 line machine type.



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Corner closing treatment



EXTENDED FUNCTION OPTION
MAKE PANORAMIC DESIGN MORE PROMISING

Extended functionality options

Panoramic design has great potential

FS138 provides many basic opening types, such as one cause one sewage, multiple zones one active, two movable leaves, two or more leaf screens, etc. to meet most project applications.

1. Special extended functions: double-leaf doors, large corner doors, two-in-one machine: drive technology. Your complete supporting facilities can provide designers with greater attention space, so as to give full play to the flexibility of the building and meet personalized needs.

Closing treatment of double sash



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A NEW GENERATION OF PANORAMIC DOOR HARDWARE COMBINE HIGH QUALITY WITH VERSATILITY

The new generation of panoramic door hardware combines high quality and multi-function

In the development of the new door system, the company combined the ideas and needs of users and manufacturers to solve the problems of locking and load-bearing of most large-scale panoramic sliding doors. With two frame solutions - standard light and hidden light, ES138 provides five flexible design options.



Stainless steel lock

- Light enterprise liquid in lock
- Protective operator
- Stainless steel anti-theft lock plate
- Integrated transmitter

Standard Sash Lock

Only interior available

The standard optical unit locks in the main body and smoothly fits into the pull-out profile, making it easy and convenient to manually operate the push-pull mechanism. The new one-piece actuator structure with anodized aluminum presents a more refined and elegant appearance. The lock body is completely flat with only the outer cover visible to prevent misoperation.

The actuator is embedded with a stainless steel lock hole. After closing, it forms a locking point with the individual stainless steel lock head of the frame, which significantly improves the safety of the panoramic sliding door.

Standard Sash with key lock (interior and exterior both available)

The single lock version based on the formula actuator is upgraded to a higher level of security for commercial doors or garden entrance doors with high security requirements. In combination with mechanical weaving and special glass, the system can improve the security of the door to a higher level.



Overlap Lock

Only interior available

When the user chooses the locking solution that hides the light, the five-in-one component is deployed in the right position and can be installed by simple processing of the right position. It is equipped with a double-hook lock seat device. Under the premise of ensuring the basic locking, it achieves a more attractive field of view than the full-risk frame.





CLAMP TYPE HIGH BEARING BLOCK

Clamping high load-bearing pulley block

 Maximum bearing
1000kg/Sash

ES138 is equipped with a new optimized high-load-bearing steel pulley block, which can be stacked almost unlimitedly for sashes of different sizes and quantities. The maximum width of ES138 single sash is 6 meters (height up to 5 meters) and the maximum height is 5 meters (width up to 3 meters).

These performance characteristics can easily meet the application conditions of most sizes of sliding windows, allowing users to control the opening and closing of windows effortlessly.

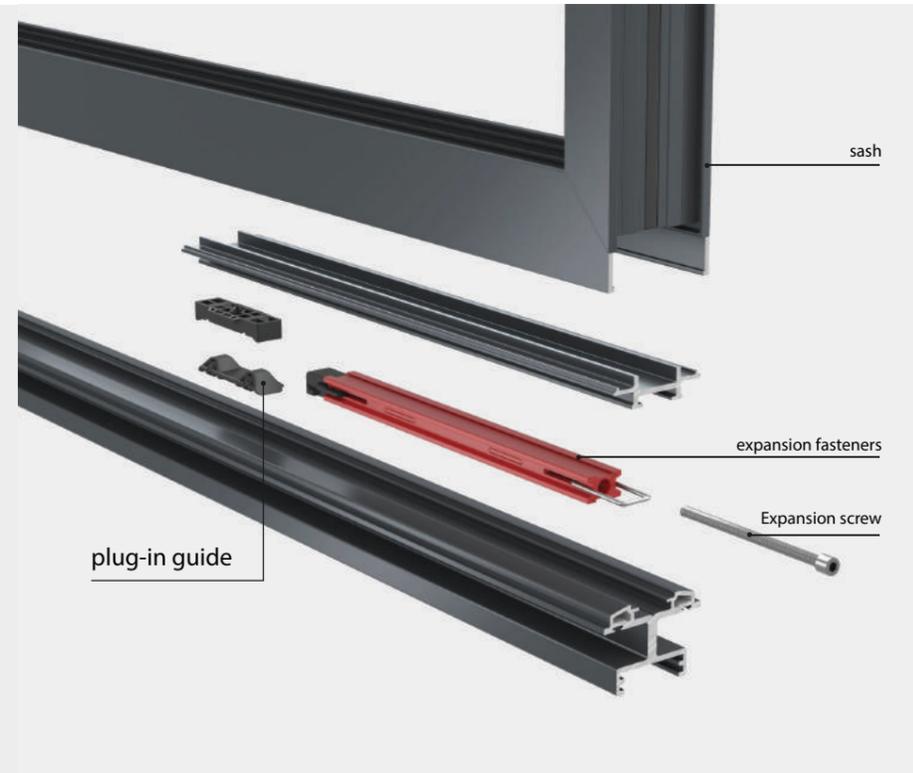


ADJUSTABLE ANTI-TRIP GUIDE WHEEL Adjustable anti-slip guide wheel

Taking the two safety factors of anti-theft and anti-typhoon into consideration, F5138 can be equipped with a single-track guide wheel that can be adjusted in height and left and right.

The left and right limit wheels can be used to make the track smoother, so that people and the white goods can slide more carefully in the groove; while the high adjustable wheel can move upward against the groove surface of the profile, and cooperate with the bite of the outer pulley to prevent the large-sized ash from swinging or falling off easily due to wind pressure and human intervention.

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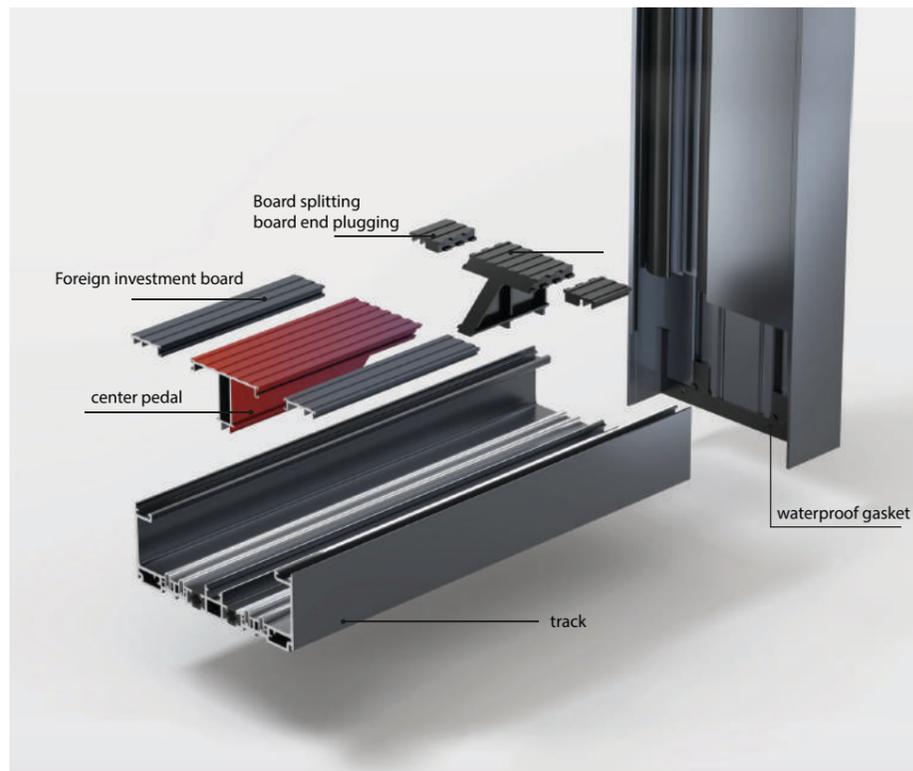
REVOLUTIONARY RAIL TECHNOLOGY
EFFICIENT INSTALLATION AND MAINTENANCE

Revolutionary linear rail technology, efficient installation and maintenance

Existing linear rail sliding windows or doors have paradoxical and fatal internal shortcomings in the process of workshop decoration, on-site installation, and life-cycle maintenance. Especially for super-large doors, the entire process of product processing, installation, and maintenance during its life cycle needs to be fully considered.

Different from the rough installation and disassembly of conventional linear rails, FS158 adopts novel female component technology and is composed of expansion spring firmware, guide parts and expansion joints.

At any construction site, you only need to install the door fan, insert the expansion piece, tighten the screws, and the installation is complete! This greatly improves the efficiency and completion rate of the installation.



The track pedals are pre-assembled in the workshop, without the need for repeated disassembly on site. The pedals are disconnected from the rail ends and the pedal openings are easily removed.

The simple installation of the pedal block combined with the linear track makes it possible to install, paint and clean the cable track, making it easy to maintain. This precise, safe and efficient linear installation technology has been successfully applied to the new CT140 sliding window and has been recognized by the market.

POPULARIZING HIGH-END PRODUCTS
COST-EFFECTIVE AND HIGH-PERFORMANCE DESIGN

High-end products are popularized with economic benefits and high-performance design

Panoramic landscape, large specifications, fiber-optic facades, these high-end terms and product fields have received much attention in recent years. However, many technical papers and applications are still difficult for a senior factory manager or technician, and even more difficult for an ordinary terminal distributor to implement. We seem to need some dimensionality reduction thinking to help customers realize the design concept.

ES138PD is the company's first integration of economic benefits and high performance into the panoramic system. Flexible track modules, efficient addition, and a wide range of skylight types provide users with greater application freedom. The industry's first 50mm ultra-low line-shaped beam concept, its development is that through extremely simple processing and construction, it can be easily applied to commercial housing and projects without pre-planning conditions.

The company actively develops its technical advantages and industry experience in the lighting field, and its ES138 panoramic sliding system is more in line with the actual application needs of the retail market.



ES118

ES118
TIGHTLY SEALED
SLIDING SYSTEM



MEET BASIC PERFORMANCE AND
FUNCTIONAL REQUIREMENTS

MORE ATTRACTIVE AND MARKET
COMPETITIVENESS

ES118

Based on the modular technology platform of the system, some materials are compatible with existing products. By streamlining components, cost control and optimization and innovation, while meeting the quality requirements,

Compared with competing products, ES118 is more cost-effective and more competitive in the market.



ES118

Providing designs that can solve most openings or owners' needs, the new mesh guardrail integrated solution is the biggest highlight. On the basis of retaining the integrated structure, the glass guardrail frame is hidden to achieve bottom ventilation without the need for stacking materials.



ALIGNED 70mm SASH AND MULLION
THE MOST SLIM VIEWING EFFECT

ES118 Tightly Sealed Sliding System

Basic Parameters

Thickness	Sash 2.2mm、Frame 1.8mm
Insulation Strip	C shape 14.8mm
Section	Sash/ Mullion 70mm
Sash Width	450-1500mm
Sash Height	720-3000mm
Bearing	150-250kg/Sash

Window Design

French window, Corner window, Fixed windows



BREAKTHROUGH SLIM
VISUAL SURFACE DESIGN

Under the premise of efficient processing, compress the visible surface of the window sash to 70mm.



EXQUISITE APPEARANCE
AND PERFECT VIEW

There is only 6mm clearance between frame and sash.



FLEXIBLE CUSTOM
PROTECTION DESIGN

Guardrail, screen are also available

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COMPATIBLE WITH GUARDRAIL AND SCREEN
INTERGRATING FUNCTIONALITY AND SAFETY

Advantages

Guardrail and screen can be installed at the same time,
Improve safety factor to prevent accidents from occurring.
Better ventilation and viewing effect.





THE NEW DOUBLE-LAYER SCHEME OF GLASS GUARDRAIL SASH

COMBINES RIGOROUS STRUCTURE AND FUNCTIONAL AESTHETICS



For the previous translational compression sliding windows, the superposition of functional frames such as screens and glass guardrails will increase the visible surface size of the window frame, making this product at a disadvantage under the current narrow-margin market demand. However, the new thinking demonstrated by Xinshao ES118 has changed this situation.



The new frame design of ES118 is based on unified profiles and integrated functions. The glass guardrail is clamped in the groove of the outer frame, and a ventilation gap is reserved at the bottom of the glass plate. The advantage of this is that it can ensure smooth ventilation at the bottom of the guardrail without increasing the visible surface of the profile.



Combining the needs of ventilation and mosquito protection, extremely small structural depth, slender visible surface width, and effective processing and installation characteristics. These are the unique advantages that Xinshao provides for the 118mm structural depth based on the development concept of "integration".



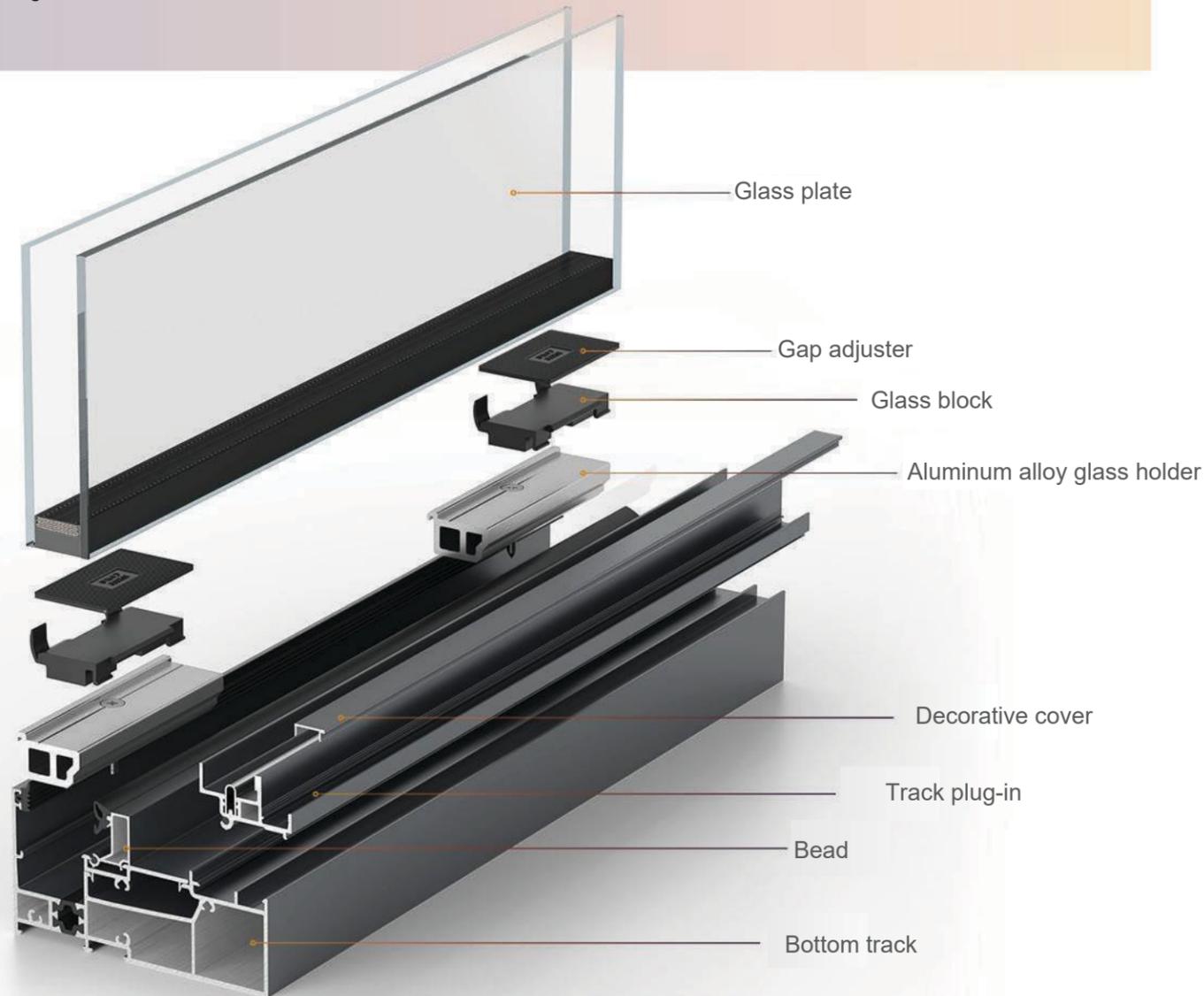
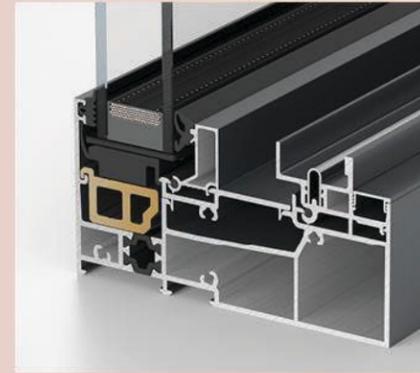
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OPTIMIZED GLASS DESIGN SCHEME MORE EFFICIENT CONSTRUCTION, MORE RELIABLE BEARING CAPACITY

The new glass design improves the overall reliability of the ES118 system. The detachable inner rail profiles and glass panels are installed in the same way as conventional casement windows, making project construction simpler, more efficient and more fault-tolerant.

The bottom of the nylon installation pad is equipped with a high-strength aluminum alloy glass support. The hook-shaped structure has a reinforcement function, which can reduce the deformation of the product and improve the beam carrying capacity under negative wind pressure.

This new glass solution ensures large-size glass and long-span profiles, achieving high-quality design and providing perfect views for residential buildings.



MULTIPLE OPTIONS FOR MULLION SUITABLE FOR DIFFERENT STRNGTH

ES118 has a variety of center support extension profiles, which can be used to support projects with the same strength requirements with a very small structural depth.

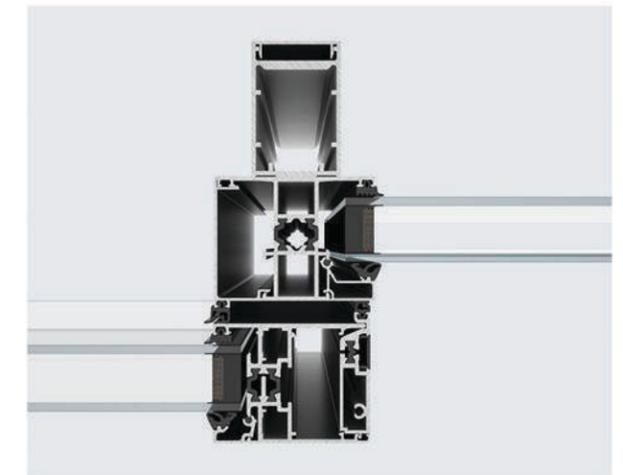
The 40mm visible reinforced tube can be lined with steel to ensure reliable rigidity improvement, while reducing the amount of materials and lowering storage pressure.

One of the main advantages of the unique 90-degree reinforced mid-stiffener with no visible surface is that it significantly improves frame stability. This configuration is designed with a 5-chamber structure and 3.0 wall thickness. The 90-degree mid-stiffener can also be combined with the 40-degree reinforcement to achieve further reinforcement.

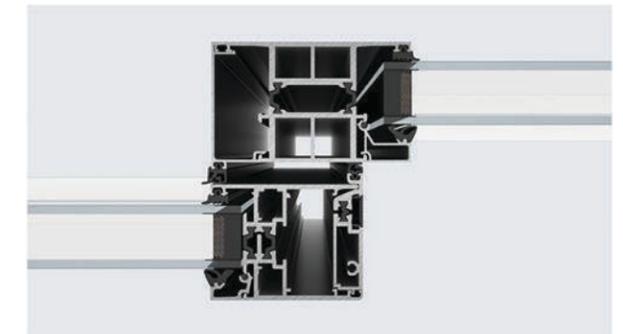
These flexible reinforcement solutions make the E5118 sliding system a nearly perfect solution for high-rise buildings.



70 Standard Mullion



70 Standard Mullion + 40 Enforced



90 Enforced Mullion

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DEVELOPED FOR SUBTROPICAL CLIMATE
COMPREHENSIVELY IMPROVE WATERTIGHT PERFORMANCE

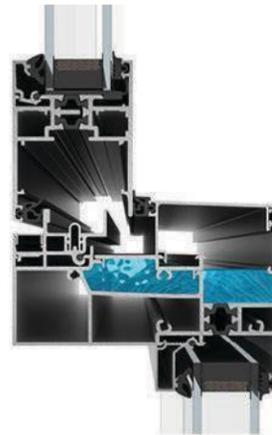
AIMED AT SUBTROPICAL CLIMATE
COMPREHENSIVELY IMPROVE WATERPROOF PERFORMANCE

The subtropical monsoon climate has a high average annual precipitation, which places very high performance requirements on the water tightness of door and window products, and sliding windows are most widely used in this climate zone.

After conducting a large number of sliding window watertightness tests, the R&D team fully considered various factors affecting the watertightness performance at the basic design level of ES118: appropriately increasing the water retaining plate profile, expanding the track inner quenching body to increase the water storage capacity, and only redesigning the double-layer composite external extruded rubber strip with slope water function.

Minimal structural depth, perfect air tightness, excellent water tightness - ES118 has become a subtropical

It is an ideal choice for projects in climatic regions and meets the requirements of foreign sealing for high-rise buildings.



New system,
new hardware

NEW GENERATION OF TRANSLATIONAL SIDE COMPRESSION HARDWARE

MEET THE HIGHEST REQUIREMENTS FOR DESIGN, STABILITY AND FUNCTIONALITY

ES118 is upgraded in detail based on the AS130 series, and the hardware system is also fully optimized in terms of configuration and application:

- Improved offset plate greatly reduces the opening and closing force, ensuring users can operate comfortably and easily;
- New power lock seat and adjustable mushroom-type lock head (smooth lock, hook lock) can easily adjust the compression strength of the variable and sealing strip;
- The new anti-sway assembly on the upper wheel solves the problem of high fan shaking;
- The C-slot connecting rod type component simplifies the metal-free configuration and installation process, especially saving the hardware procurement cost and processing cost.

What is important to processors is that the new hardware not only has greatly improved performance advantages, but the optimized hardware properties and efficient processing process make product delivery faster and make users more satisfied.



Features and Benefits

Type: Single-sided handle, C-groove sliding side pressure hardware for windows

Technology: anti-sway guide wheel, power lock seat, adjustable lock head

Function: Slideway achieves 8mm offset

Processing: milling holes for light transmission and milling holes for hook locks

Mounting: C-slot drive rod, unified 10mm connection point

Load-bearing capacity: 150-250kg.

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WINDOW AND SASH ARE NOT CONSTRAINED BY ASPECT RATIOS ANY MORE
SUITABLE FOR ANY CUSTOMIZED SIZE

Thanks to the upgrade of the new hardware system, ES118 is no longer restricted by the deployment of hardware and connecting rods. Within the allowable load-bearing range (max250kg), ES118 has more possibilities for window design.

The proportion and form of the sash width and height are no longer restricted. The customized specifications of the finished products and the free choice of installation direction provide users with a very broad design space.

Nowadays, the design of modern building facades must not only consider the slender appearance, but also meet the basic needs of combining performance and functionality. Users' requirements for door and window products are becoming more detailed and extreme.

With the new ES118 compression sliding window system, the industry is provided with the slimmest opening leaf with visible surface inside and outside for the first time, high-performance translation sliding window with minimum frame structure depth and adaptable to large openings, new hardware technology and new screen guardrail mechanism to ensure extremely high sealing level and ventilation comfort - to meet these extreme requirements in the best way.

One profile system is suitable for a variety of different functions and opening types. New technology combined with the "integrated all-in-one" development concept makes the groundbreaking ES118 sliding window system even more perfect.



IDEAL FOR MODERN
BUILDING FACADES

Soranzo



Standard lower rail



Linear lower rail





9 MM EXTREME LINE SLOT
THE LOOK IS UNIQUE

9mm Ultimate Wire Duct Unique Appearance

The linear track design of CT140 makes the entire window present a smoother and simpler visual effect.

The width of the wire groove on the track is compressed to an extreme 9 mm, and the visible size under the cover of the double-track wool strips is only about 5 mm, reflecting the purest beauty of minimalist design.

Enhanced track optional, better strength and rigidity

While maintaining a consistent appearance, fabricators can easily and efficiently provide users with high-load-bearing, large-span sliding window solutions that can be applied to mid- and high-rise buildings by adding very little material.

The wall thickness of the main material of the rail profile is up to 5.0mm, and a galvanized steel core can be inserted into the cavity to enhance the rail's moment of inertia, resistance moment and other cross-sectional characteristic values.

ENHANCED TRACK IS OPTIONAL
BETTER STRENGTH AND STIPE-NESS

HIGH LOAD-BEARING STANDARD RAIL



HIGH LOAD BEARING - LINEAR RAIL





UPGRADED WATERTIGHT PERFORMANCE IN ALL DIRECTIONS

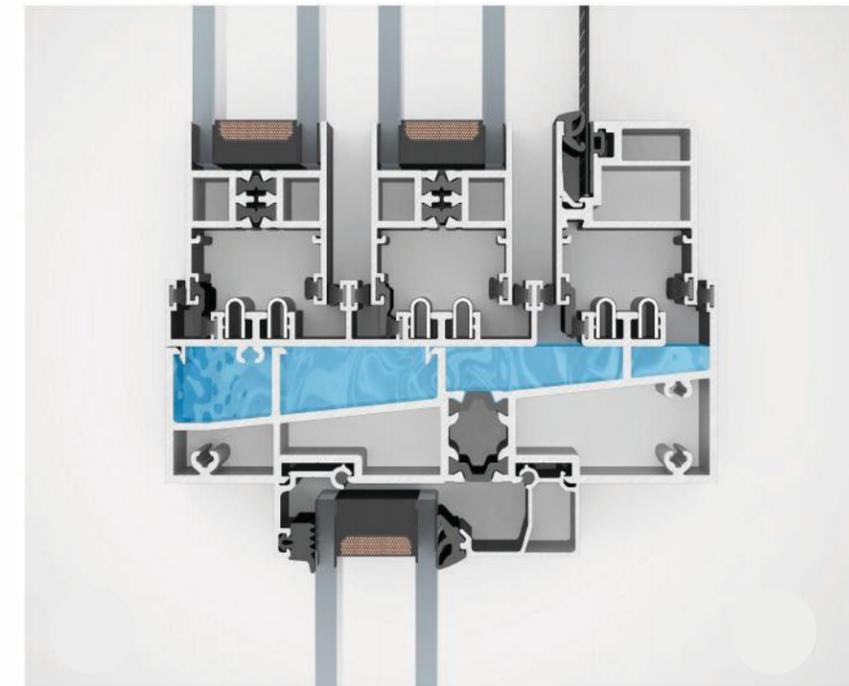
Heightened inner support arm and enlarged water storage chamber to fully upgrade watertight performance

PANORAMIC SLIDING WINDOW

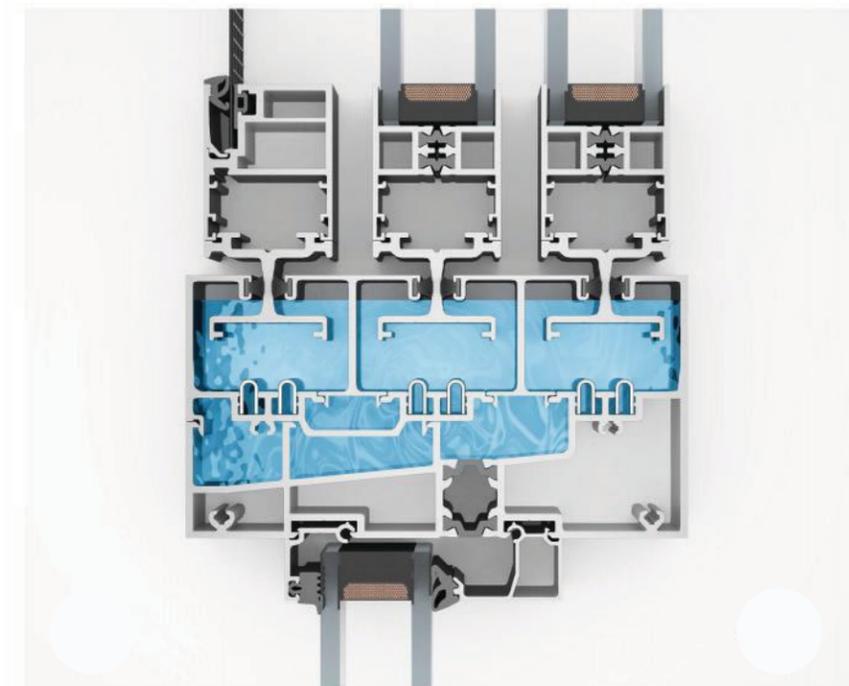
The subtropical monsoon climate has a large average annual precipitation and is vulnerable to typhoons, which places very high performance requirements on watertightness and wind pressure resistance.

Therefore, CT140 fully considers these climate characteristics in profile design, appropriately enlarges and heightens the profile section, improves the profile strength, and further expands the water storage cavity, ensuring that the product performance can meet the performance design requirements.

The watertight design value of the CT140 standard track can reach 250Pa, while the watertight design value of the linear track is even higher, up to 350Pa.



STANDARD TRACK



LINEAR RAIL

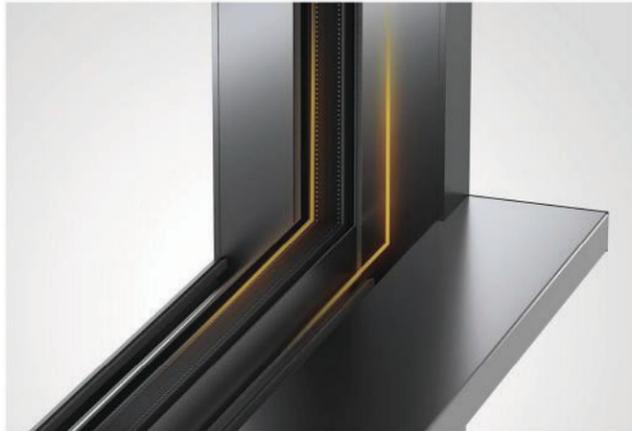
Soranzo

Embedded, fully hidden, unrestricted vision

CT140 retains the embedded frame structure, with a smooth transition between the frame and the sash without protrusions, and the window sash is completely hidden in the frame, thereby increasing the indoor lighting area and maximizing the viewing angle.

Double siliconized wool strips and a composite central rubber strip are added to the embedded sash frame to provide good sealing performance for the window frame.

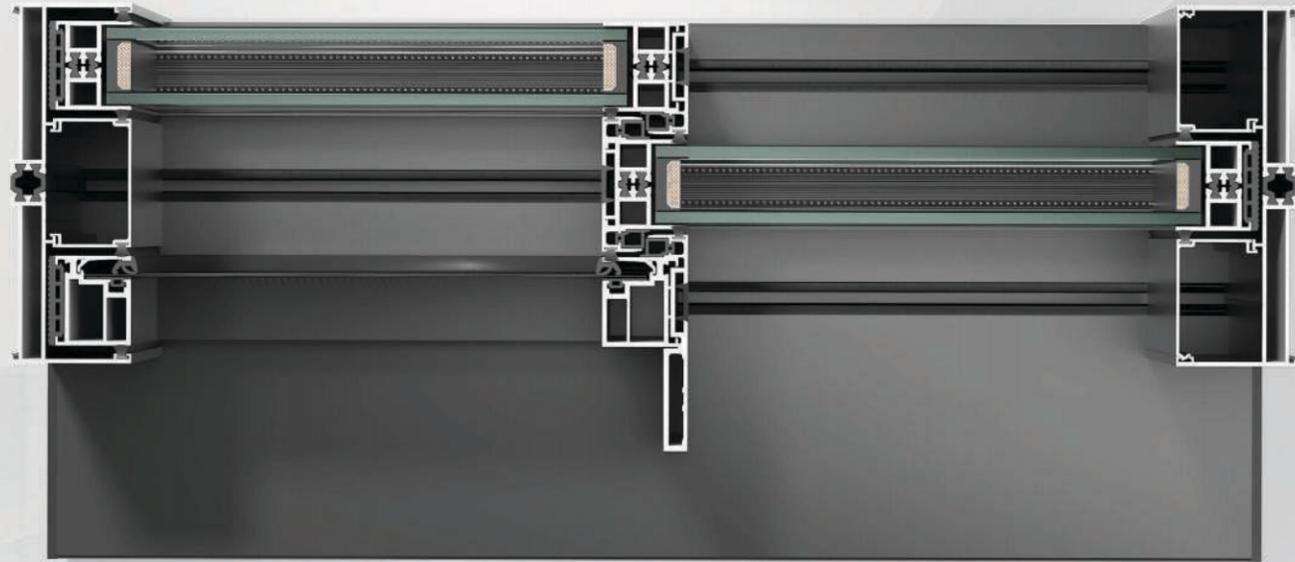
PANORAMIC SLIDING WINDOW



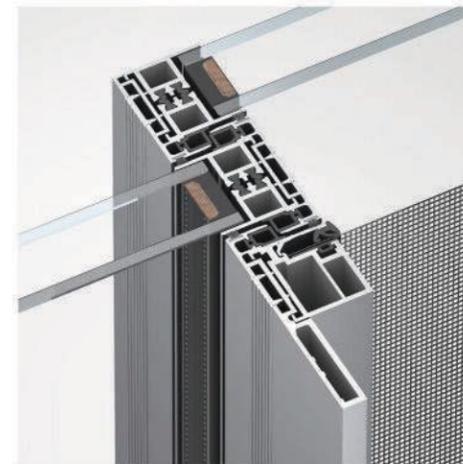
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Perfect system framework combines beauty and functionality

In order to meet the design style of "large area glass replacing wall" favored by modern designers, the product development idea is to use a quarter of the profile and three quarters of the glass, compress the visible size of the frame and the stile, and combine exquisite appearance and perfect functions. CT140 provides an excellent product choice for viewing houses.



PANORAMIC
SLIDING WINDOW



Slim and reinforced hook Humanized handle design

CT140 combines beauty with slimness. The visible surface is only 34mm and multiple sealing strips and siliconized wool strips are added to reduce air convection in the cavity.

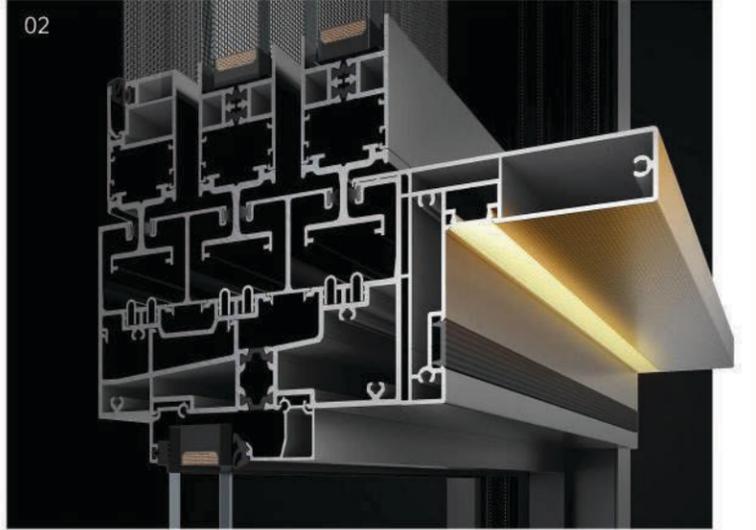
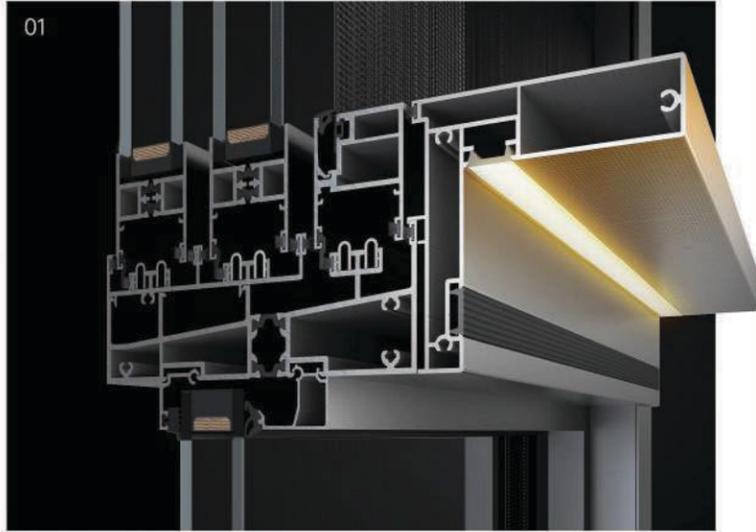
In addition, the reinforced hook can also be used as a handle, making it easier and more labor-saving for users to push and pull large-area units.

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PEAP LANDSCAPING LARCE HANDRAIL IMPROVED AMBIENT LIGHT BELT

Supplementary landscape large handrail
Improved atmosphere light strip

The default track of CT140 is equipped with a high sealed support arm. Therefore, the handrail profile can be added as a supplementary component according to user needs. The handrail is widened and deepened to meet people's requirements for sightseeing and climbing and comfortable feel, and can be used as a decorative part to hide under the window sash to achieve a completely hidden effect.



01 STANDARD RAIL + LIGHT WITH HANDRAIL

02 LINEAR RAIL + LIGHT WITH HANDRAIL



PANORAMIC SLIDING WINDOW

The improved handrail has a hidden light strip groove. The light strip is hidden in the lower side of the handrail profile and cannot be seen. When it is lit, it avoids direct light into the eyes and creates a more comfortable and soft atmosphere.

Matching clothes drying rack function, flexible opening and closing without taking your space

CT140 matches the existing CT110 system's clothes drying rack profile module, and can provide users with this humanized function without adding other materials.

The lower fixing part is designed to be fully open or half open. When opened, it can realize the function of swimming suit, and when closed, it can realize the protection function, taking into account both functionality and safety.



Fully
open
plan



Half
open
plan



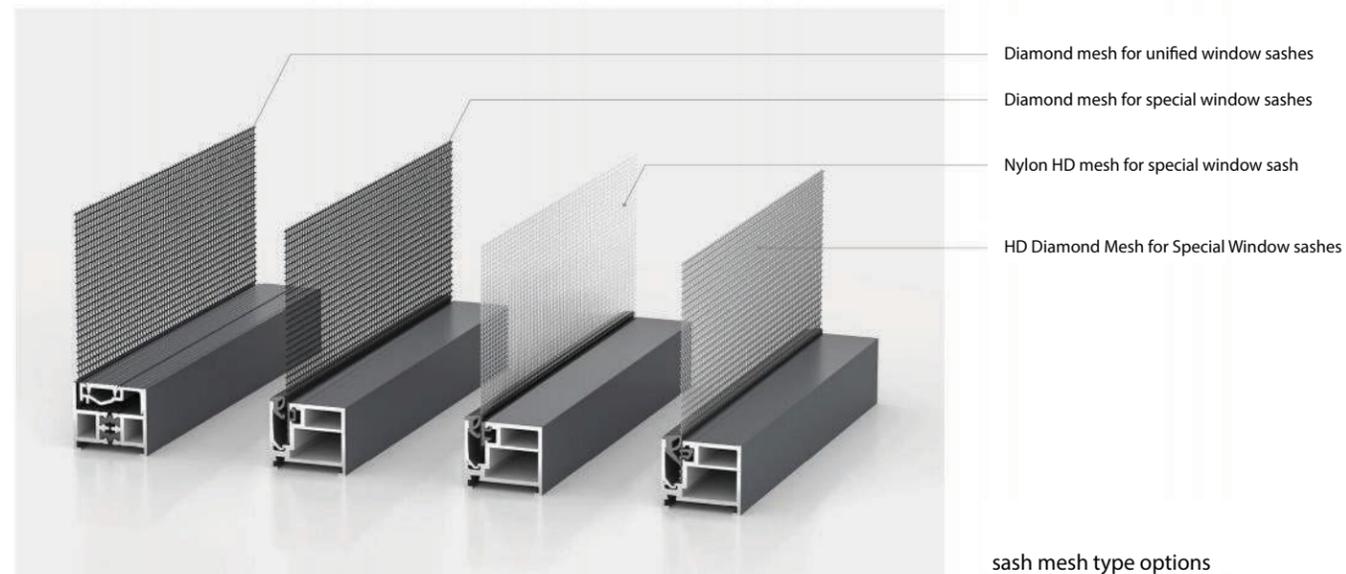
THE SASH THICKENS THE GLASS PLATE ADAPT TO MORE APPLICATION SCENARIOS

The large cross-section structure of CT140 allows the window sash to have a wider glass expansion. The standard glass plate thickness can reach a table area of 2.5m². Even larger window sashes can be achieved by replacing 6mm or 8mm glass and the corresponding glass assembly form. Therefore, the maximum area allowed by a CT140 window element can reach 5.5m², which is ahead of conventional small-frame deep sliding window products and is more conducive to the current rapidly increasing large-span opening product customization market.

For the door rail, thanks to the equal rail parameters of CT140, the glass sash and screen sash profiles can use the same optical profile, while the dedicated screen sash profile can realize different types of screens, greatly reducing the processing complexity and inventory costs of the processor.



Sash glass plate thickness option



sash mesh type options



FAN CORNER SEAL



CHECK THE CENTRAL SEAL

Based on strict design logic and the comprehensive service concept of providing processors with a complete set of solutions, CT140 has a complete range of system accessories.

Special sealing measures are configured for the factory connection seals, corner seals, and hook seals within the overall frame, which, combined with excellent profile section characteristics, make the sealing performance of the sliding window more efficient.

Soranzo



NO DISASSEMBLING RAIL COVER SIMPLIFY INSTALLATION PROCESS

Thanks to the new linear track structure of CT140 and the fastener technology of salt-bonded parts, the track cover is uniformly pre-assembled in the workshop, without the need for repeated disassembly on site, which improves installation efficiency and finished product accuracy, and avoids the complicated on-site assembly process of traditional linear tracks that may cause product damage and affect product safety and watertightness.

Therefore, the installation of window nets with the linear track solution of CT140 is no different from that of sliding windows with ordinary tracks in the past - simple, safe and efficient.

Expansion piece
Guide

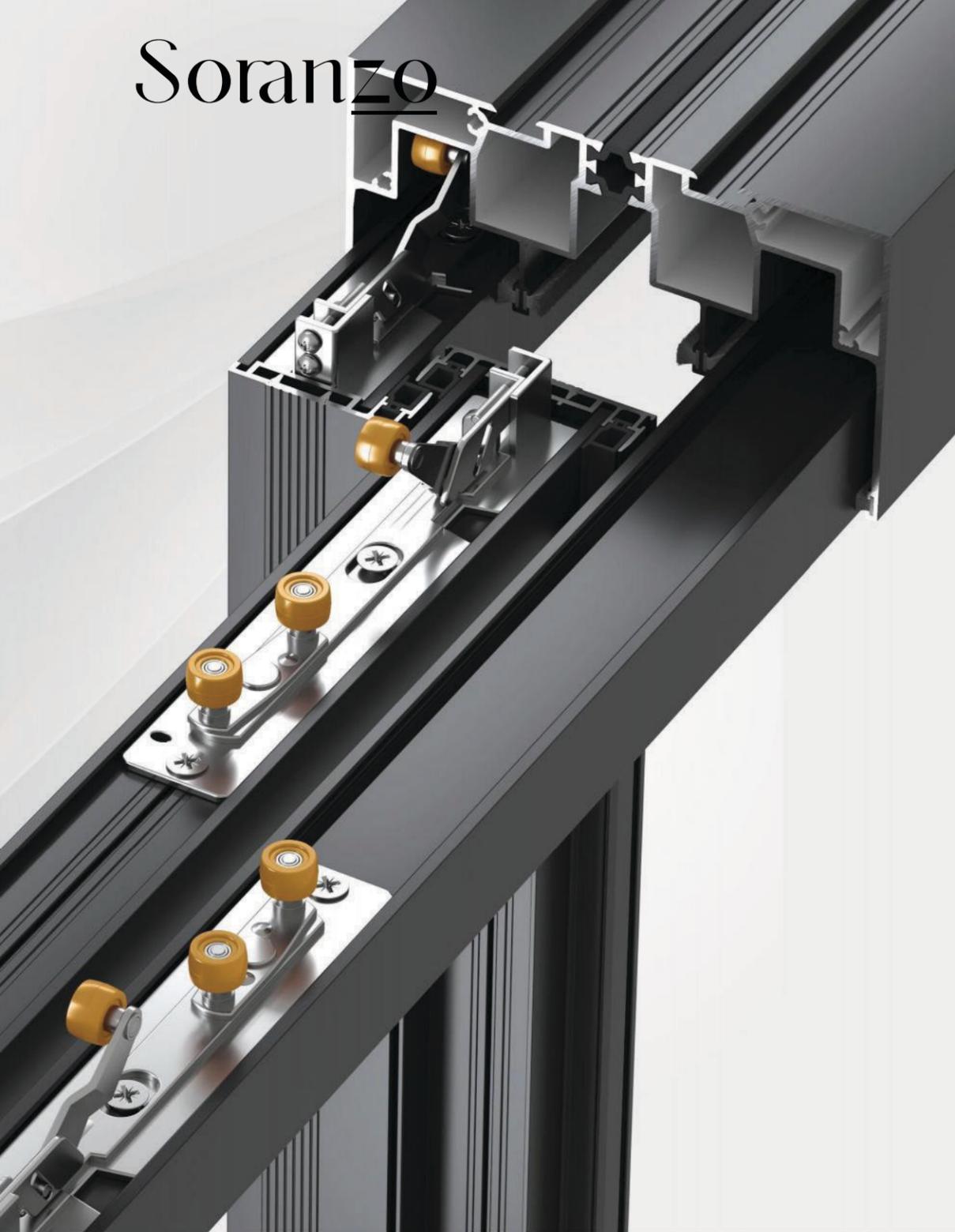


INSPIRE NEW IDEAS DEFINE A NEW TRACK

Existing linear rail sliding windows or doors have paradoxes and fatal shortcomings in the links of workshop processing and assembly, on-site installation, owner delivery and product maintenance.

Therefore, the linear track of CT140 fully considers the entire process of product processing, installation, and maintenance during its life cycle at the basic design level. Different from the obvious installation and disassembly of conventional wire nails, CT140's novel internal installation component technology consists of expansion fasteners, guides, and expansion screws. Thanks to this revolutionary mechanism, the new linear track installation form makes it possible for linear track sliding windows to be easy to install, disassemble, clean, and maintain.

PANORAMIC
SLIDING WINDOW



ADJUSTABLE ANTI-TYPHOON WHEEL ANTI-SLIP AND ANTI-SWING IS SAFER

Taking the two safety factors of anti-theft and anti-typhoon into consideration, CT140 is equipped with upper rail guide wheels that can be adjusted in height and left and right.

The left and right limit switches are adjustable to adapt to changes in track tolerance, allowing for smoother sliding in the guide groove. The height-adjustable wheels can push up against the profile groove surface and, in conjunction with the engagement of the lower pulley, prevent the window sash from swinging or falling off easily due to wind pressure or human influence.

HIGH BEARING LOWER WHEELS ARE CONFIGURED
SPORTS ARE FLEXIBLE DURABLE AND COMFORTABLE

Equipped with high load-bearing lower wheel set,
flexible movement, durable and comfortable

The increasing demand for large-sized doors and
windows in the market requires better load-bearing
components as a guarantee.

CT140 has a variety of pulley set configuration
solutions for matching applications of sash with
different sizes and sheets. The maximum allowable
weight of a single sash with 24 pulley sets can reach
250kg, which meets the application conditions of
large sliding windows.



 Eight Wheels can
bear 150KG



 Twenty four wheels
can bear 250KG

Thank You