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FRAME

ALUMINIUM SYSTEM

PRODUCT BROCHURE

WWW.ALLOYFRAMEMASTER.COM



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COMPANY PROFILE

Welcome to FRAME, where we have a professional integration team dedicated to providing customized products for our customers. We purchase various high-quality materials, including profiles, glass, accessories, and more, according to different customer requirements, and use exquisite processing and production techniques to create products that best meet their needs. Our team members have undergone rigorous training and professional certification and possess rich experience and skills, enabling us to provide customers with

the highest level of service and quality assurance for our products. Choose FRAME as your preferred partner, and we will be happy to serve you wholeheartedly.

FRAME is ISO9001 certified, meaning our products are produced under a strict quality management system to ensure their reliability and consistency. We take pride in our commitment to delivering high-quality products that meet or exceed industry standards.

1 Communicate with customers

Recommend the most suitable door and window products based on the actual on-site situation.

2 Determine product requirements

We value customer feedback and tailor our windows and doors to meet their specific needs. Our goals to provide high-quality service and ensure every customer is satisfied with their products.

3 Create drawings

We are committed to providing comprehensive service to ensure the best windows and doors for our customers. Our professional team will develop detailed drawings based on their requirements and actual situations. Good communication and professional service are key to high-quality windows and doors.

4 Quotation

Customer-centric
Accurate pricing.
Honest and transparent.
High-quality service.
Best windows and doors products.

5 Produce

Customer-centric
Efficient production.
High-quality windows and doors.
Exceeding expectations.

6 Instal

We prioritize communication with customers during door and window installation to ensure a smooth process. Our professional team and advanced equipment guarantee high-quality and efficient installation. Our goal is to provide the best installation experience and ensure customer satisfaction.

PART 01

CONTINUOUSLY UPDATED

Welcome to our world of door and window products. We are committed to providing our customers with the latest, most intelligent, environmentally friendly, and minimalist door and window products. We have been keeping a close eye on the updates of door and window products, constantly researching new technologies, using more environmentally friendly materials, and focusing on minimalist and intelligent design. Our goal is to provide customers with higher quality door and window products, making their lives more convenient and comfortable. We firmly believe that only through continuous innovation and sustained focus can we provide the best door and window product experience for our customers.

TAILOR-MADE FOR YOU

Tailored for your home - personalized door and window customization service

1

Integration

FRAME integration team sources and processes high-quality materials, such as profiles, glass, and accessories, to create customized products that meet our customers' specific requirements.

2

Quality control of raw materials

Our products only use materials and accessories that meet international standards, all of which have undergone rigorous testing and come with international inspection reports, ensuring reliability and peace of mind for our customers.

3

Quality control

Our skilled team with over 10 years of experience meticulously controls every detail with advanced equipment, ensuring high-quality products and superior service.

4

Product debugging

We conduct rigorous testing and debugging of each product to ensure their reliability and quality. You can have full confidence in purchasing our products, as we only deliver those that meet our high standards through our rigorous testing process.

5

Wooden crate packaging

All of our door and window products are packaged in sturdy steel frames and wooden crates, ensuring safe delivery to our customers without any damage or loss during transport.

6

Service

We will provide different installation instructions according to the actual on-site situation of the customer to ensure the proper use of our products. Our goal is to enable customers to install our products smoothly and enjoy a high-quality user experience.

VARIOUS COLORS FOR YOU TO CHOOSE



A

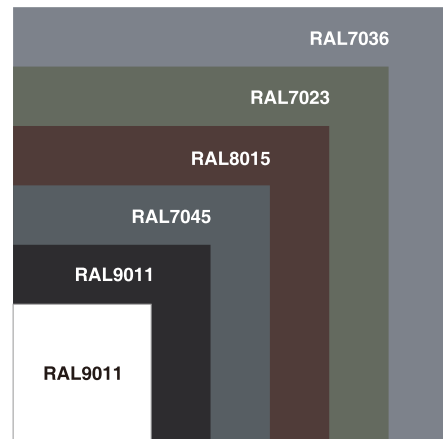
Welcome to our window and door series, where we offer a wide variety of colorful options, ranging from bright reds to calm blues, and even soft greens. No matter what your style preferences are, we can meet your needs.

B

We believe that colors are not only visually appealing, but can also bring joy and comfort to your life. That's why our windows and doors are not just simple building materials, but they are designed to create a comfortable, warm and personalized home environment for you.

COMMON COLOR PALETTE

Providing a wide range of colors for all your building projects is crucial. At Aliplast, you can order aluminum windows in any color and with different finishes: structure, matte, gloss, anodized.



RAL K7

RAL9010 Pure white	RAL9016 Traffic white	RAL9011 Graphite black	RAL9017 Traffic black	RAL9018 Traffic black	RAL9003 Signal white
RAL9004 Signal black	RAL8025 Pale brown	RAL8022 Black brown	RAL8015 Chestnut brown	RAL8016 Mahogany brown	RAL8012 Red brown
RAL8011 Nut brown	RAL8088 Olive brown	RAL8007 Fawn brown	RAL8003 Clay brown	RAL8002 Signal brown	RAL8001 Ochre brown
RAL8000 Green brown	RAL7047 Telegrey 4	RAL7040 Window grey	RAL 7045 Telegrey 1	RAL7042 Traffic grey A	RAL7037 Dusty grey
RAL7036 Platinum grey	RAL7031 Blue grey	RAL7023 Concrete grey	RAL7015 Slate grey	RAL7011 Iron grey	RAL5023 Distant blue



CREATING UNIQUE CUSTOM PRODUCTS FOR YOU



Personalization

Our company focuses on providing customers with diversified and customized products to ensure that every customer can have a satisfactory shopping experience. Our products include but are not limited to windows, doors, railings, and other interior and exterior building decorative materials, and each product can be personalized according to the customer's requirements.

Professional team

We have an experienced and skilled team that knows how to integrate customer needs and design concepts into products, making each custom product unique. We also have advanced production equipment and quality control systems to ensure that every product meets the high standards of our customers.



Service

Our service is not just about providing products, but also providing a set of values and a way of life. We believe that everyone is unique, and every family is unique. Therefore, we are committed to providing the most suitable custom products for each customer to make their homes warmer, more comfortable, and personalized.

Expectation

If you are looking for a company that provides high-quality, customized products, we will be your best choice. We look forward to working with you to create unique custom products and make your home the most beautiful scenery.



15 YEARS

As a company with 15 years of experience in the door and window industry, we have strong integration capabilities and can provide customers with all types of door and window profiles available in the market.

We can find suitable profiles and accessories for customers based on their different requirements. For example, if a customer has special requirements for the thickness of the glass, we will match the corresponding profile according to the parameters of the glass, and also match the accessories and glass based on the customer's interface requirements.

At the same time, we can recommend doors and windows based on the customer's usage scenario and provide professional advice.

Our goal is to meet all the needs of our customers and ensure that they receive the best service and products from us. In addition, we can also match the doors and windows needed for customers based on their house floor plan and provide renderings to ensure that the style and effect of the final product meet the customer's satisfaction.

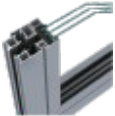
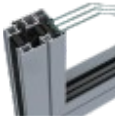
Let us create a beautiful, safe, and high-quality door and window world for your home.

INSULATED ALUMINUM ALLOY CASEMENT WINDOW



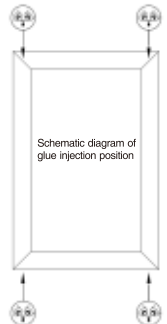
SYSTEM WINDOW

PERFORMANCE PARAMETERS OF INSULATED ALUMINUM ALLOY WINDOWS

	 55/60Series	 64/65Series	 70/75Series	 80Series	 85Series
wall thickness	1.4/1.8mm	1.4/1.8mm	1.4/1.8mm	1.4/1.8mm	1.8mm
Depth of outer frame structure	55/65mm	64/65mm	70/75mm	79mm	85mm
Fan structure depth	65/70mm	74/75mm	80/85mm	89mm	95mm
Insulation strip width	14.8/20mm	24/25.3mm	30/35.3/35mm	39/40mm	44mm
Frame visible surface width	22/26/28/30/38/46mm	26/28/30/38/46mm	28/30/38/46mm	30/38/42/46mm	38.6mm
Width of visible surface in the middle section	26/28/30/34/38/46mm	26/28/30/38/46mm	28/30/38/46mm	30/38/42/46mm	38.6mm
Fan visible surface width	43/45/47/55/63/71mm	45/47/55/96/71mm	47/51/59/67mm	51/59/67mm	55.6mm
Suitable glass thickness	16-33mm	24-39mm	33-43mm	39-47mm	39-47mm
design type	Standard window	Standard window	Standard window	Standard window	Standard window
Enable function	Inner window/Outer window/ Inner inverted window	Inner window/Outer window/ Inner inverted window	Inner window/Outer window/ Inner inverted window	Inner window/Outer window/ Inner inverted window	Inner window/ Inner inverted window
Wind pressure resistance performance GB/T7106	Level 9 5Kpa	Level 9 5Kpa	Level 9 5Kpa	Level 9 5Kpa	Level 9 5Kpa
Air tightness performance GB/7106	Level 7 0.8m³(m•h)	Level 8 0.5m³(m•h)	Level 8 0.42m³(m•h)	Level 8 0.3m³(m•h)	Level 8 0.3m³(m•h)
Water tightness performance GB/7106	Level 6 700Pa	Level 6 700Pa	Level 6 700Pa	Level 6 700Pa	Level 6 700Pa
thermal insulating property GB/T8484	2.8-2.0W(m²•k)	2.0-1.8W(m²•k)	1.8-1.3W(m²•k)	1.3-1.1W(m²•k)	1.3-1.1W(m²•k)
Sound insulation performance GB/8485	Level 3	Level 3	Level 3	Level 4	Level 4

SCHEMATIC DIAGRAM OF WINDOW SASH PROCESSING TECHNOLOGY

EXAMPLE 1



Schematic diagram of glue injection position

Two component corner adhesive

Injection hole

Frame

Bracket

Deflector

Steel angle piece

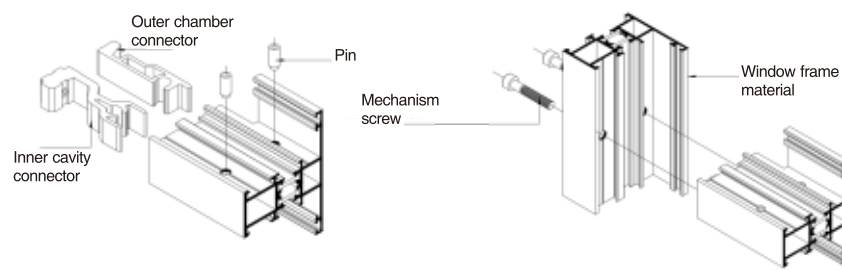
Apply cross section anti-seepage adhesive

Seal with silicone sealant

Assembly process description:

- 1.Clean the corner code and the end of the profile to remove oil and impurities;
- 2.Install the deflector correctly on the corner code;
- 3.Insert the corner code into the mold cavity, connect the corners, and ensure the embedding depth of the corner extrusion points;
- 4.The indoor side of the profile is the assembly reference plane;
- 5.Inject adhesive according to the injection hole;
- 6.Clean the spilled residual adhesive before curing;
- 7.After assembling the corners, keep the frame flat and wait for the corner code adhesive to fully cure before proceeding to the next process;

EXAMPLE 2



Outer chamber connector

Inner cavity connector

Pin

Mechanism screw

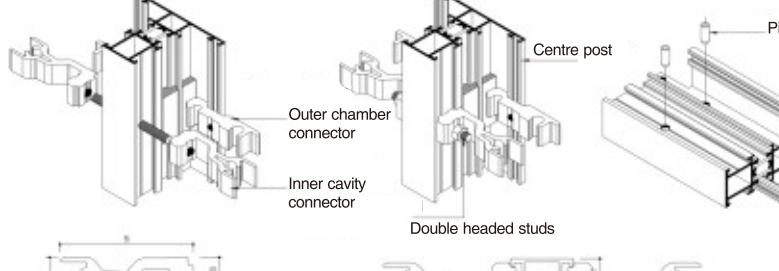
Window frame material

Assembly process description:

- 1.Clean the connecting parts and profile ends to remove oil and impurities;
- 2.Install a sealing gasket on the middle stile corresponding to the grid size line (apply sealant to the bottom of the sealing gasket first);
- 3.Install the two cavity connectors correctly into the groove of the profile and fasten them with machine screws;
- 4.Pin the pin into the pre machined pin hole;
- 5.The indoor side of the profile is the assembly reference plane;
- 6.After completing the connection, keep the frame flat and wait for the corner code adhesive to fully cure before proceeding to the next process;

Note: Cross connection A=φ5.5
T connection A=φ6

EXAMPLE 3



Outer chamber connector

Inner cavity connector

Centre post

Pin

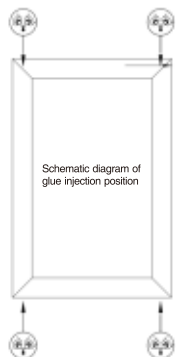
Double headed studs

Assembly process description:

- 1.Clean the connecting parts and profile ends to remove oil and impurities;
- 2.Install a sealing gasket on the middle stile corresponding to the grid size line (apply sealant to the bottom of the sealing gasket first);
- 3.Install the two cavity connectors correctly into the groove of the profile, and use a hanging installation method for the outer cavity connectors;
- The inner cavity connector is fastened with double headed bolts;
- 4.Pin the pin into the pre machined pin hole;
- 5.The indoor side of the profile is the assembly reference plane;
- 6.Clean the spilled residual adhesive before curing;
- 7.After completing the connection, keep the frame flat and wait for the corner code adhesive to fully cure before proceeding to the next process;

Note: Cross connection A=φ5.5
T connection A=φ6

SCHEMATIC DIAGRAM OF WINDOW SASH PROCESSING TECHNOLOGY

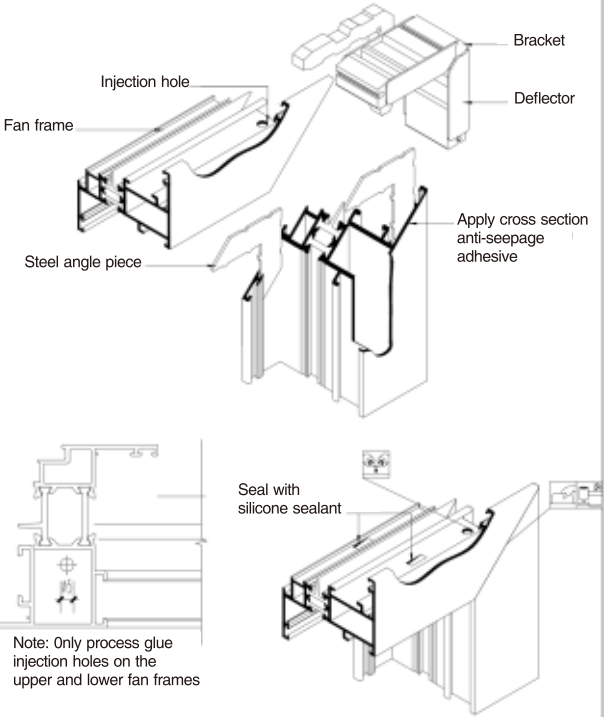


Schematic diagram of glue injection position

Two component corner adhesive

Assembly process description:

- 1.Clean the connecting parts and profile ends to remove oil and impurities;
- 2.Install a sealing gasket on the middle stile corresponding to the grid size line (apply sealant to the bottom of the sealing gasket first);
- 3.Install the two cavity connectors correctly into the groove of the profile and fasten them with machine screws;
- 4.Pin the pin into the pre machined pin hole;
- 5.The indoor side of the profile is the assembly reference plane;
- 6.After completing the connection, keep the frame flat and wait for the corner code adhesive to fully cure before proceeding to the next process;



Bracket

Deflector

Injection hole

Fan frame

Steel angle piece

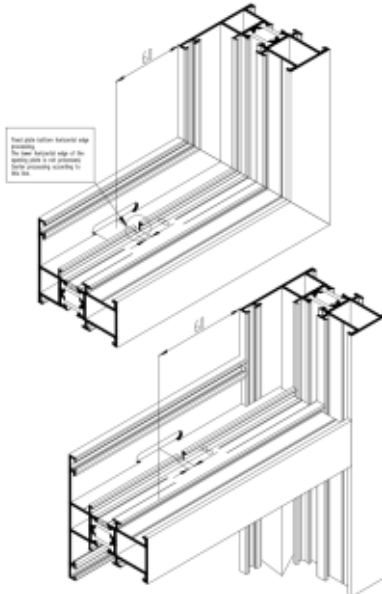
Apply cross section anti-seepage adhesive

Seal with silicone sealant

Note: Only process glue injection holes on the upper and lower fan frames

EXAMPLE 1

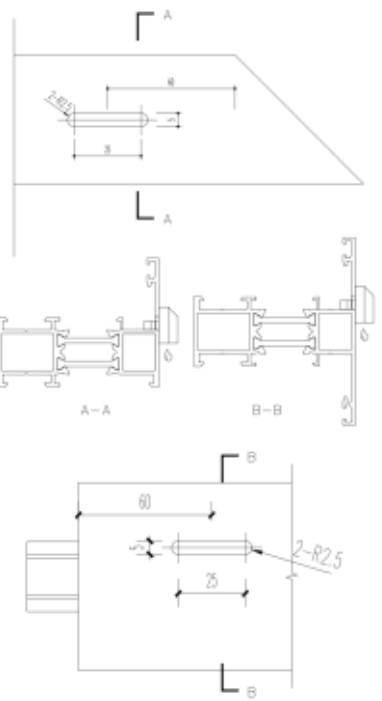
EXAMPLE 2



Head stile bottom horizontal edge

Note: Head stile bottom horizontal edge

Note: Head stile bottom horizontal edge



A-A

B-B

60

25

2-R2.5

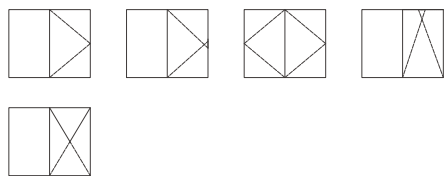
51/55/60SERIES

TYPES

Outward opening



Inward opening

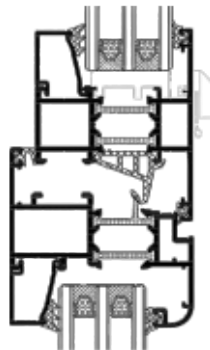
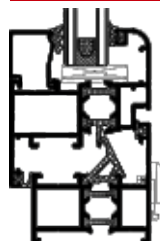


Kw 2.8-2.0

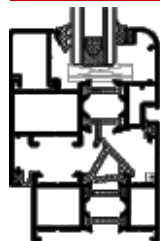
The 55/60 series thermal break aluminum alloy casement windows are made of high-quality aluminum, featuring sturdy construction and excellent anti-theft, soundproof, and thermal insulation performance. Moreover, its simple and beautiful design style is an essential part of modern homes. Compared with windows made of other materials, the 55/60 series thermal break aluminum alloy casement windows offer higher cost-effectiveness, allowing you to enjoy better quality and experience at a more favorable price. Whether it is for a new house or an old house renovation, the 55/60 series thermal break aluminum alloy casement windows are a reliable choice for you.



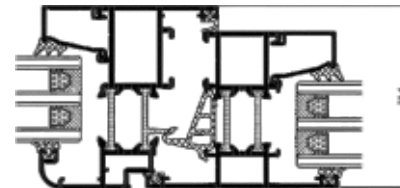
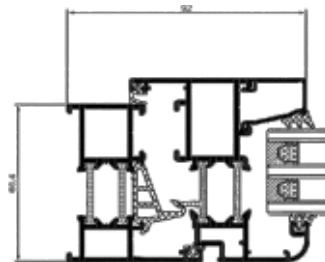
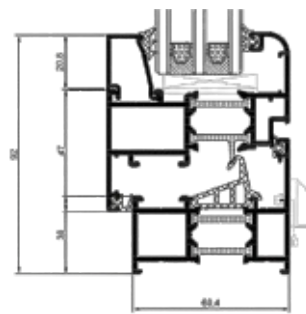
51 SERIE



55 SERIE



60 SERIE



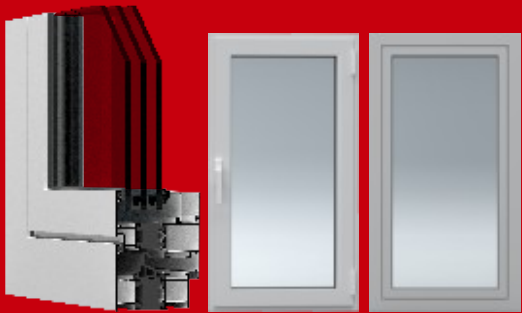
wall thickness	1.4/1.8mm
Depth of outer frame structure	55/65mm
Fan structure depth	65/70mm
Insulation strip width	14.8/20mm
Frame visible surface width	22/26/28/30/38/46mm
Suitable glass thickness	16-33mm
Design type	Standard window
Enable function	Inner window/Outer window/Inner inverted window
Wind pressure resistance performance GB/T7106	Level 9 5Kpa
Air tightness performance GB/7106	Level 7 0.8m³(m•h)
Water tightness performance GB/7106	Level 6 700Pa
thermal insulating property GB/T8484	2.8-2.0W(m²•k)
Sound insulation performance GB/8485	Level 3

64/65SERIES



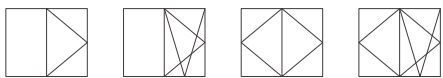
Kw 2.0-1.8

The 64/65 series thermal break aluminum alloy casement windows, a cost-effective solution for your home. Constructed with high-quality aluminum, these windows provide excellent durability, theft prevention, sound insulation, and thermal insulation. The simple and elegant design of these windows perfectly complements modern home decor. Compared to other window materials, the 64/65 series thermal break aluminum alloy casement windows offer superior cost-effectiveness, providing you with high-quality and reliable performance at an affordable price. Whether for new construction or remodeling, the 64/65 series thermal break aluminum alloy casement windows are the perfect choice for your home.

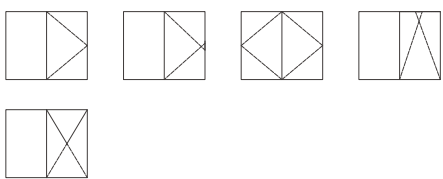


TYPES

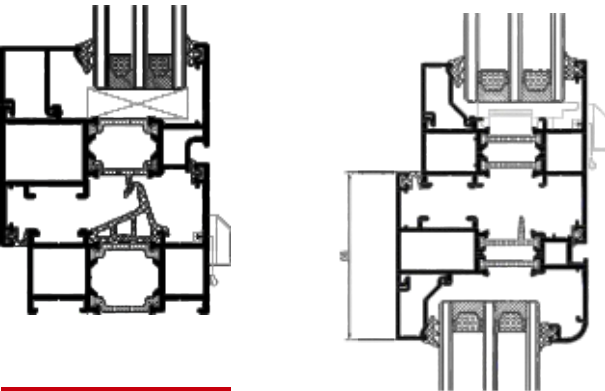
Outward opening



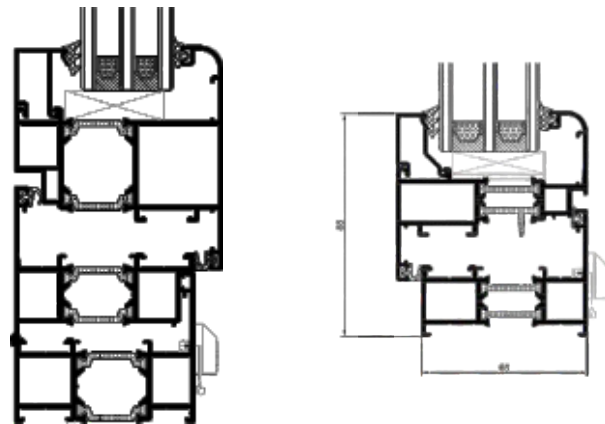
Inward opening



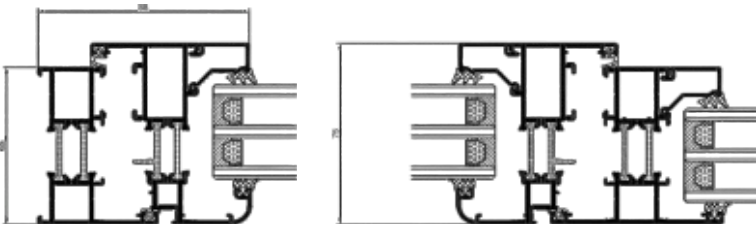
Inward opening



Outward opening



wall thickness	1.4/1.8mm
Depth of outer frame structure	64/65mm
Fan structure depth	74/75mm
Insulation strip width	24/25.3mm
Frame visible surface width	22/26/28/30/38/46mm
Suitable glass thickness	24-39mm
Design type	Standard window
Enable function	Inner window/Outer window/Inner inverted window
Wind pressure resistance performance GB/T7106	Level 9 5Kpa
Air tightness performance GB/7106	Level 8 0.5m³(m•h)
Water tightness performance GB/7106	Level 6 700Pa
thermal insulating property GB/T8484	2.0-1.8W(m²•k)
Sound insulation performance GB/8485	Level 3





70/75SERIES

Kw 1.8-1.3

Introducing the 70/75 series thermal insulation aluminum alloy windows, providing superior insulation and wind resistance for your home. Made with high-quality aluminum, these windows have excellent durability and resistance to harsh weather conditions. With their advanced thermal insulation technology, the 70/75 series windows keep your home warm in the winter and cool in the summer, reducing energy costs and increasing your comfort. Additionally, these windows have exceptional wind resistance, ensuring your home is protected even in the most extreme weather.

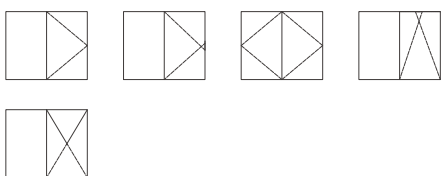


TYPES

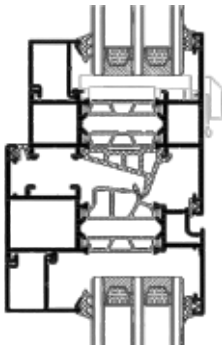
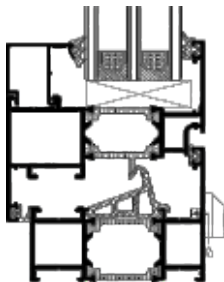
Outward opening



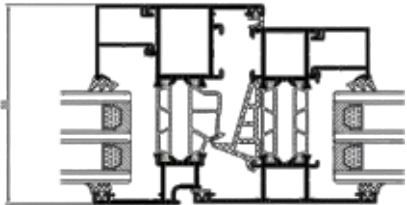
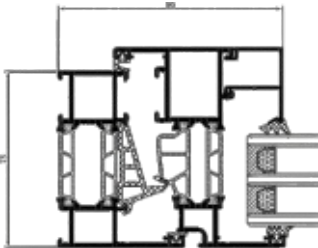
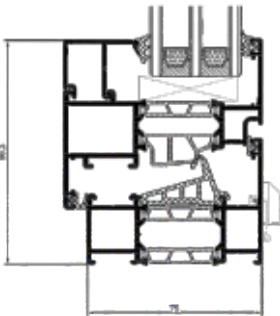
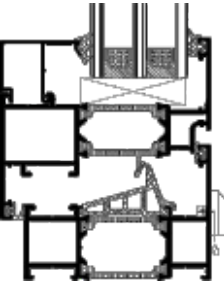
Inward opening



70 SERIE



75 SERIE

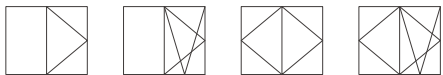


wall thickness	1,4/1.8mm
Depth of outer frame structure	70/75mm
Fan structure depth	80/85mm
Insulation strip width	30/35.3/35mm
Frame visible surface width	28/30/38/46mm
Suitable glass thickness	33-43mm
Design type	Standard window
Enable function	Inner window/Outer window/Inner inverted window
Wind pressure resistance performance GB/T7106	Level 9 5Kpa
Air tightness performance GB/7106	Level 7 0.42m³(m•h)
Water tightness performance GB/7106	Level 6 700Pa
thermal insulating property GB/T8484	1.8-1.3W(m²•k)
Sound insulation performance GB/8485	Level 3

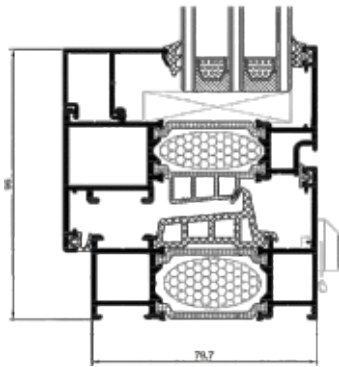
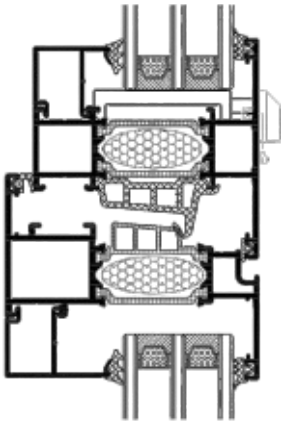
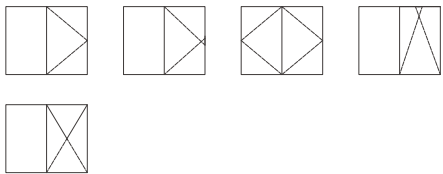


TYPES

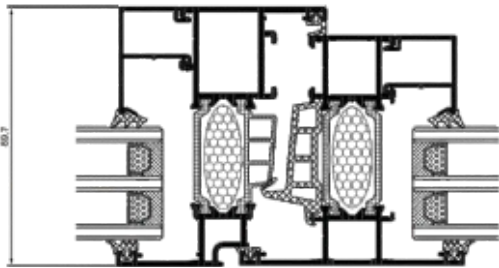
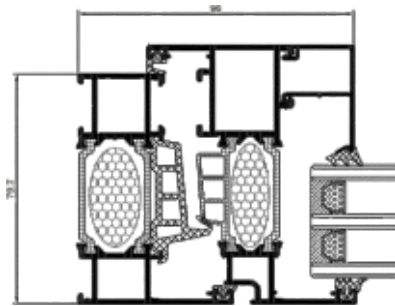
Outward opening



Inward opening



wall thickness	1.4/1.8mm
Depth of outer frame structure	79mm
Fan structure depth	89mm
Insulation strip width	39/40mm
Frame visible surface width	30/38/42/46mm
Suitable glass thickness	39-47mm
Design type	Standard window
Enable function	Inner window/Outer window/Inner inverted window
Wind pressure resistance performance GB/T7106	Level 9 5Kpa
Air tightness performance GB/7106	Level 7 0.3m³(m•h)
Water tightness performance GB/7106	Level 6 700Pa
thermal insulating property GB/T8484	1.3-1.1W(m²•k)
Sound insulation performance GB/8485	Level 4



Kw 1.3-1.1

Introducing the 80 series thermal break aluminum alloy windows, designed to provide exceptional insulation for your home. Constructed with high-quality materials, these windows offer superior thermal insulation, helping to keep your home warm and comfortable during the colder months. With its advanced technology and sleek design, the 80 series thermal break aluminum alloy windows not only offer excellent insulation but also enhance the overall look and feel of your home. Upgrade your home with the 80 series thermal break aluminum alloy windows and enjoy the ultimate combination of energy efficiency and style.

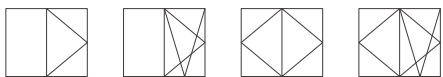


81/85SERIES

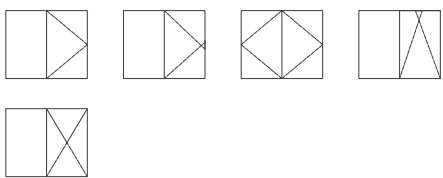


TYPES

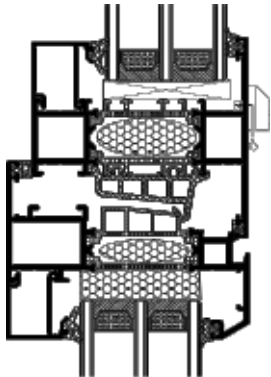
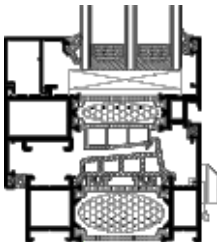
Outward opening



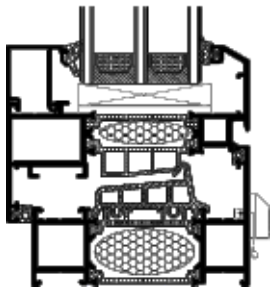
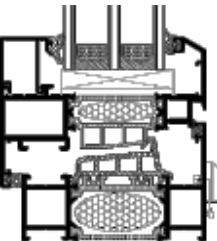
Inward opening



81 SERIE



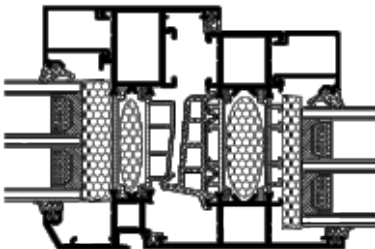
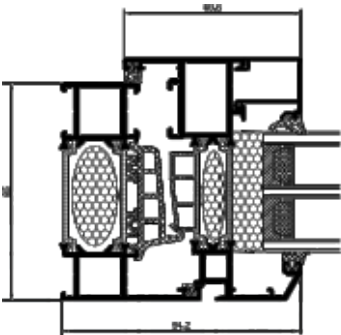
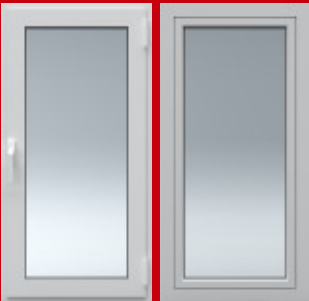
85 SERIE



wall thickness	1.8mm
Depth of outer frame structure	85mm
Fan structure depth	95mm
Insulation strip width	44mm
Frame visible surface width	38.6mm
Suitable glass thickness	39-47mm
Design type	Standard window
Enable function	Inner window/Outer window/Inner inverted window
Wind pressure resistance performance GB/T7106	Level 9 5Kpa
Air tightness performance GB/7106	Level 8 0.3m³(m•h)
Water tightness performance GB/7106	Level 6 700Pa
thermal insulating property GB/T8484	1.3-1.1W(m²•k)
Sound insulation performance GB/8485	Level 4

Kw 1.3-1.1

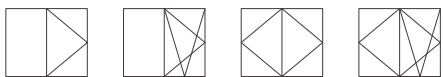
Introducing the 80 series thermal break aluminum alloy windows, designed to provide exceptional insulation for your home. Constructed with high-quality materials, these windows offer superior thermal insulation, helping to keep your home warm and comfortable during the colder months. With its advanced technology and sleek design, the 80 series thermal break aluminum alloy windows not only offer excellent insulation but also enhance the overall look and feel of your home. Upgrade your home with the 80 series thermal break aluminum alloy windows and enjoy the ultimate combination of energy efficiency and style.



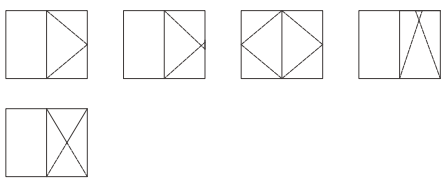


TYPES

Outward opening



Inward opening

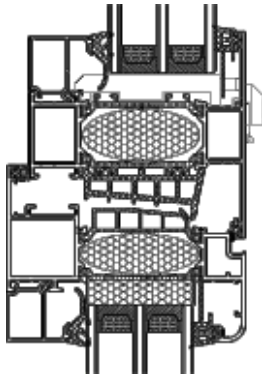
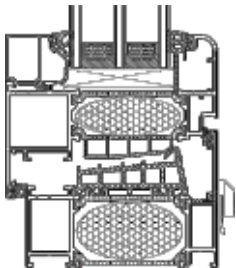


Kw 1.1-0.9

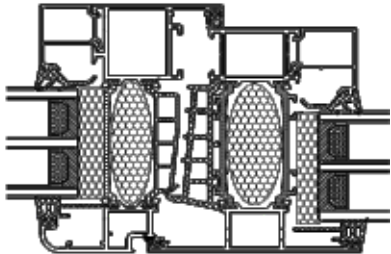
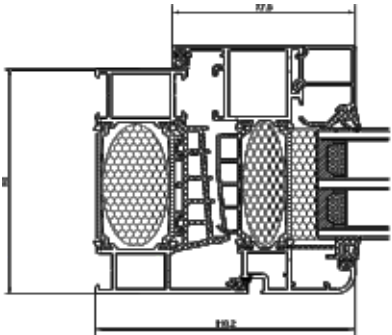
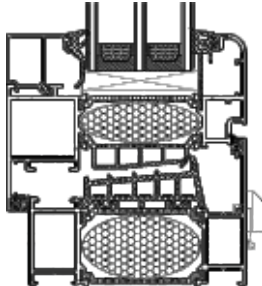
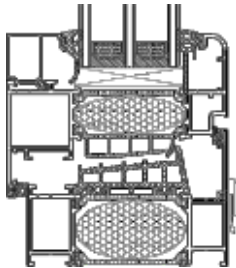
Explore the future and embark on a new era of windows with the 91-95 Series Passive Thermal Insulation Aluminum Alloy Casement Windows. With an exceptional design philosophy, this series presents a fresh perspective on windows. Here, windows transcend being mere extensions of sight and become bridges of communication with the outside world. The 90-95 Series windows are at the forefront of a window era where energy consumption approaches zero.



91 SERIE



95 SERIE



wall thickness	1.8mm
Depth of outer frame structure	91/95mm
Fan structure depth	101/105mm
Insulation strip width	54mm
Frame visible surface width	38.6mm
Suitable glass thickness	39-47mm
Design type	Standard window
Enable function	Inner window/Outer window/Inner inverted window
Wind pressure resistance performance GB/T7106	Level 9
Air tightness performance GB/7106	Level 8
Water tightness performance GB/7106	Level 6
thermal insulating property GB/T8484	1.1-0.9W(m ² •k)
Sound insulation performance GB/8485	Level 4

CONCEALED DRAINAGE

65/70/75SERIES



Seamless Frame and Sash Alignment: The Flush Sill Series presents a design where the indoor and outdoor window frames align perfectly with the sash, creating a sleek and streamlined appearance. The resulting clean lines contribute to an elegant aesthetic.

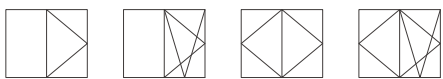
Concealed Drainage System: The windows feature an internal stepped drainage structure along with an exterior bottom drainage design, forming a comprehensive water drainage system. Special corner sealing components at the junction points ensure optimal corner sealing, preventing water infiltration.

Dual Inward Opening: Embracing the concept of an integrated window screen, the windows come equipped with built-in stainless steel screens, combining minimalistic elegance with enhanced security. This design effortlessly merges aesthetic appeal with protective functionality.

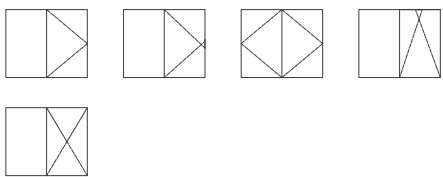


TYPES

Outward opening



Inward opening



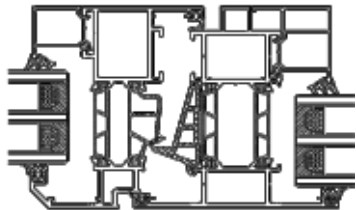
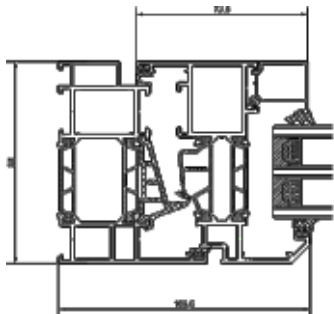
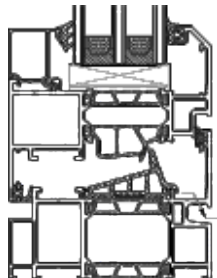
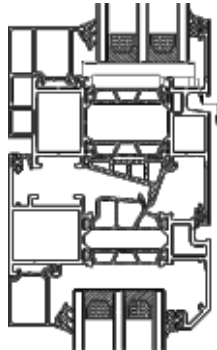
65 SERIE



70 SERIE



75 SERIE



wall thickness	1.8mm
Depth of outer frame structure	70/75mm
Fan structure depth	80/85mm
Insulation strip width	30/35.3mm
Frame visible surface width	
Suitable glass thickness	24-39mm
Design type	Standard window
Enable function	Inner window/Outer window/Inner inverted window
Wind pressure resistance performance GB/T7106	Level 9 5Kpa
Air tightness performance GB/7106	Level 8 0.42m³(m•h)
Water tightness performance GB/7106	Level 6 700Pa
thermal insulating property GB/T8484	1.8-1.3W(m²•k)
Sound insulation performance GB/8485	Level 3

ONE SCREEN WINDOW





Embrace a fresh window experience with the Integrated Mesh Aluminum Alloy Casement Window. This window combines innovative design and practical functionality to enhance your lifestyle with convenience and aesthetics.

The integrated mesh design eliminates the hassle of changing window screens. No more worries about summer insects invading or the complexities of installing and cleaning screens. A simple push and pull facilitate seamless indoor-outdoor flow, allowing natural breezes and light to filter through while maintaining a serene living environment.

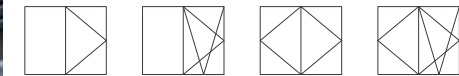
Crafted from aluminum alloy, these windows boast excellent durability and corrosion resistance. Whether facing scorching heat or freezing cold, these casement windows remain steadfast, providing enduring comfort and protection.

The casement design makes window opening effortless and straightforward. A gentle touch is all it takes to enjoy a seamless connection between indoors and outdoors. The balanced opening mechanism ensures a stable motion, allowing easy adjustments from slight ventilation to wide openings.

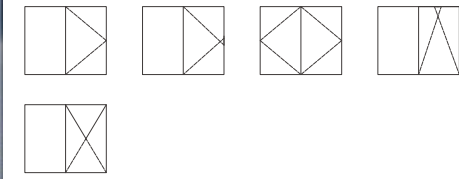
The Integrated Mesh Aluminum Alloy Casement Window is more than just a window; it's a conduit for dialogue with the external world. Where utility meets aesthetics perfectly, it creates a space of comfort and convenience. Let's embrace a new and brighter era of casement windows together.

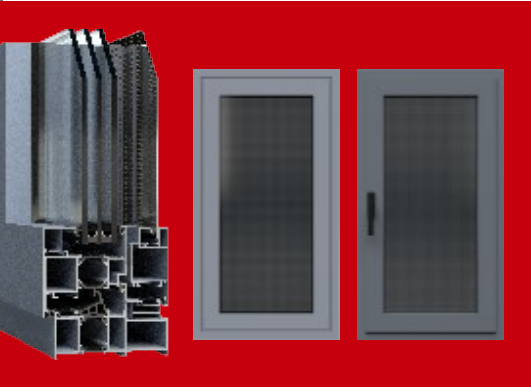
TYPES

Outward opening

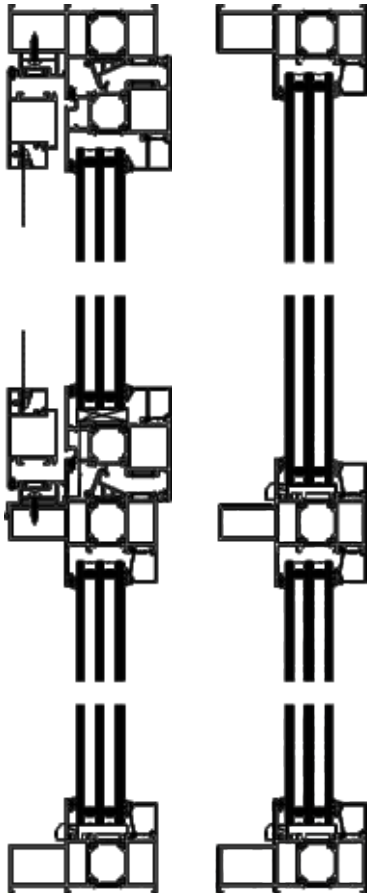
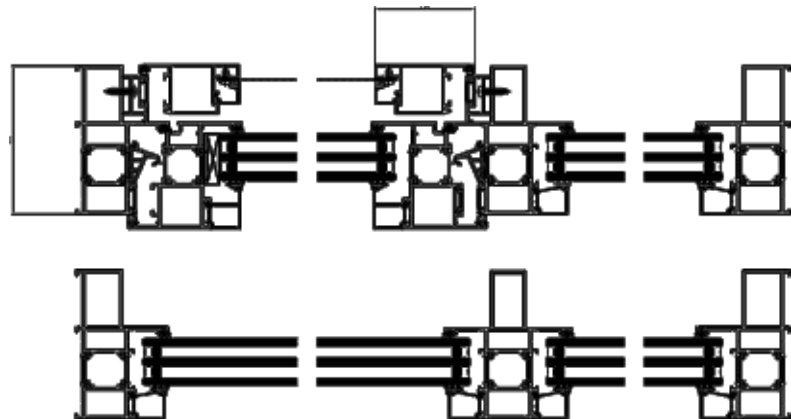


Inward opening





wall thickness	1.4/1.8mm
Depth of outer frame structure	64/65/75/80mm
Fan structure depth	74/75mm
Insulation strip width	24/25.3mm
Frame visible surface width	22/26/28/30/38/46mm
Suitable glass thickness	24-39mm
Design type	Standard window
Enable function	Inner window/Outer window/Inner inverted window
Wind pressure resistance performance GB/T7106	Level 9 5Kpa
Air tightness performance GB/7106	Level 8 0.5m³(m•h)
Water tightness performance GB/7106	Level 6 700Pa
thermal insulating property GB/T8484	2.0-1.8W(m²•k)
Sound insulation performance GB/8485	Level 3

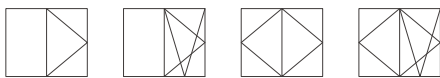


Ultra-Slim Edge Series

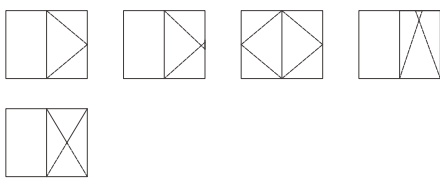


TYPES

Outward opening



Inward opening



Introducing the Ultra-Slim Edge Series Windows:

Elevate your living spaces with the Ultra-Slim Edge Series Windows, where design meets innovation to redefine your window experience. These windows embody a fusion of style and functionality, offering a range of exceptional features that seamlessly enhance your environment.

Chic Modernity: The ultra-slim edge design imparts a contemporary and chic aesthetic to your windows. By minimizing frame presence, these windows radiate a cutting-edge allure, elevating the overall visual appeal of your living space.

Amplified Glass Area: Embrace an influx of natural light and broaden your vistas with the Ultra-Slim Edge Windows' expansive glass panels. The design optimizes the glass-to-frame ratio, allowing an abundance of daylight to flood indoors and extending your connection to the outdoors.

Enhanced Illumination: The reduction in framing elements maximizes indoor illumination, creating a vibrant and pleasant ambiance. The Ultra-Slim Edge Windows contribute to a brighter and more inviting living environment.

Modern Aesthetics: Liberated from conventional constraints, these windows deliver a modern, uncluttered, and airy aesthetic. Experience the essence of contemporary elegance as your living spaces exude simplicity and sophistication.

Augmented Spatial Perception: The ultra-slim edge concept imparts an impression of spaciousness, making interiors feel more expansive and welcoming. Immerse yourself in an atmosphere of

wall thickness	1,4/1.8mm
Suitable glass thickness	24-39mm
Design type	Standard window
Enable function	Inner window/Outer window/Inner inverted window
Wind pressure resistance performance GB/T7106	Level 9 5Kpa
Air tightness performance GB/7106	Level 8 0.5m³(m•h)
Water tightness performance GB/7106	Level 6 700Pa
thermal insulating property GB/T8484	2.0-1.8W(m²•k)
Sound insulation performance GB/8485	Level 3

comfort and roominess.

Architectural Marvel: Often referred to as "curtain wall windows," the Ultra-Slim Edge Series offers an architectural marvel akin to building facades. This distinctive style adds a touch of modernity and uniqueness to your property's facade.

Seamless Integration with Nature: Seamlessly blend indoor and outdoor landscapes through the Ultra-Slim Edge Windows, creating an intimate bond with the surrounding environment and inviting nature's beauty indoors.

Personalized Expression: These windows provide versatile design options, empowering you to tailor the appearance and functionality to your preferences and requirements. Experience the freedom of customization to align with your unique vision.

Elevate your living space with the Ultra-Slim Edge Series Windows – where elegance, innovation, and personalized aesthetics harmoniously converge. Experience the future of windows, today.

INSULATED ALUMINUM ALLOY SWING DOOR

Aluminum alloy swing door, a perfect combination of style and functionality. With its superior thermal insulation, soundproofing, and durability, this door provides comfort, security, and energy efficiency for your home or office. The sleek and modern design adds a touch of elegance to any space while providing easy and smooth operation. Upgrade your living or working space with the thermal break aluminum alloy swing door.



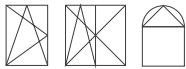
03 PART

TYPES

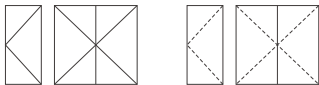
Fixed type



Horizontal opening and downward suspension

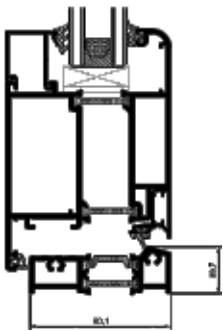
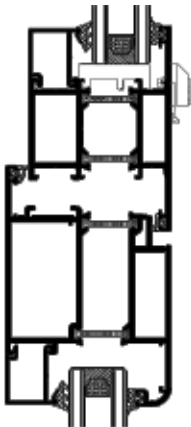
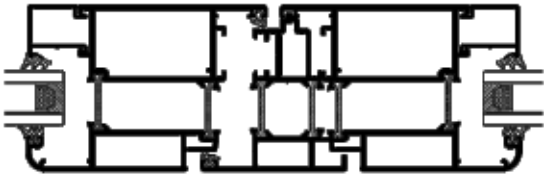
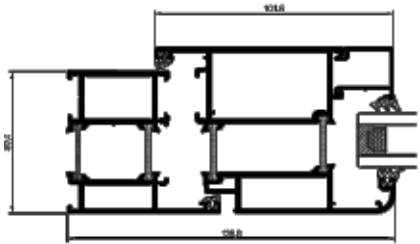


Flat-opening

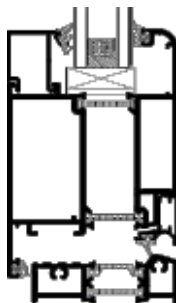


55-60 SERIES ALUMINUM ALLOY SWING DOOR

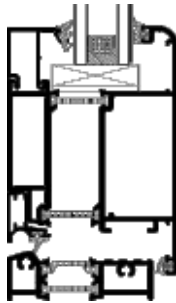
wall thickness	2.0/2.2 mm
Fan structure depth	55/60 mm
Insulation strip width	14.8/20 mm
Frame visible surface width	34/43/47/51mm
Width of visible surface of inner opening fan	72/80mm
Suitable glass thickness	18-36mm



55 SERIE



60 SERIE

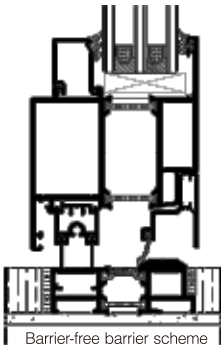


Aluminum alloy swing door, a perfect combination of style and functionality. With its superior thermal insulation, soundproofing, and durability, this door provides comfort, security, and energy efficiency for your home or office. The sleek and modern design adds a touch of elegance to any space while providing easy and smooth operation. Upgrade your living or working space with the thermal break aluminum alloy swing door

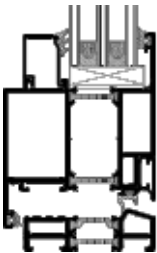


64/65 SERIES ALUMINUM ALLOY SWING DOOR

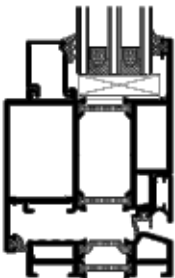
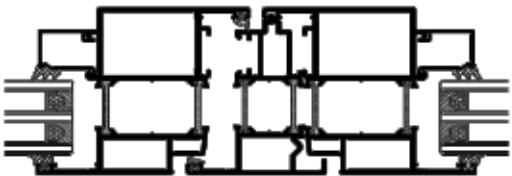
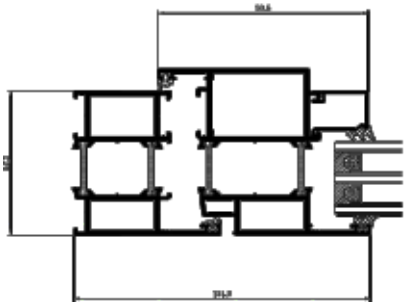
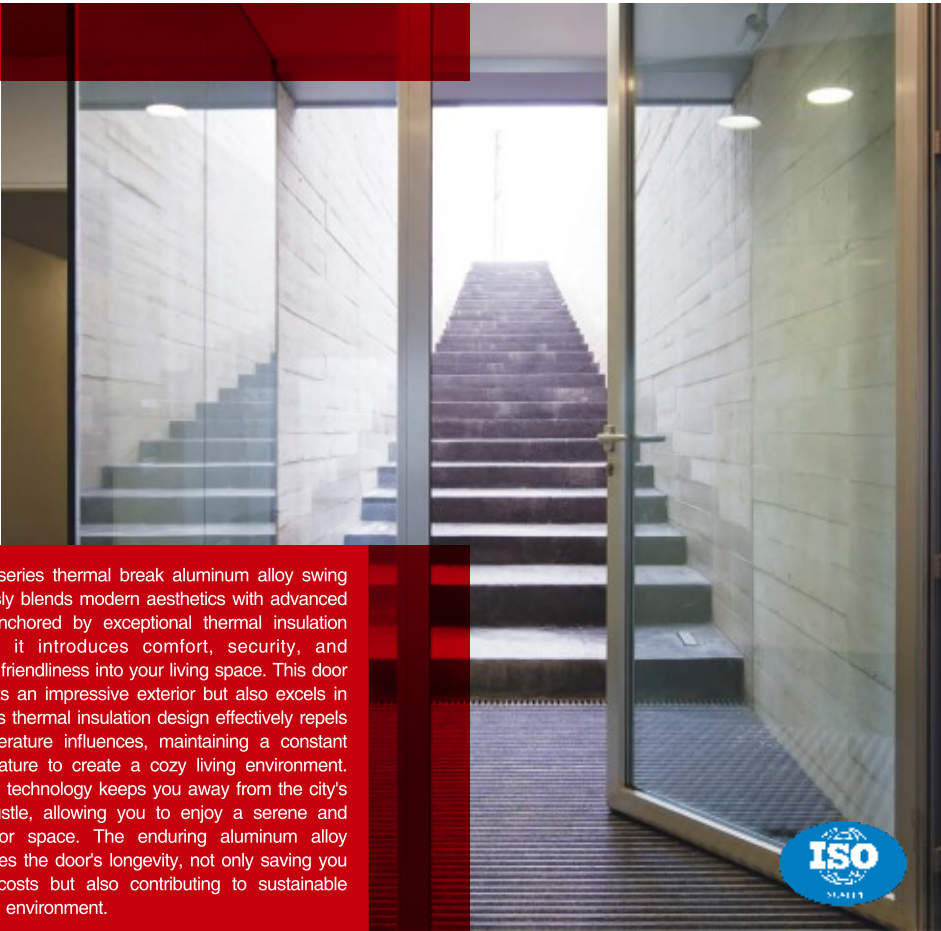
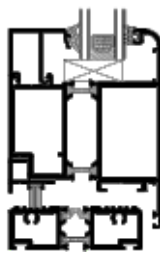
wall thickness	2.0/2.2 mm
Fan structure depth	64/65 mm
Insulation strip width	24/25.3 mm
Frame visible surface width	34/43/47/51mm
Width of visible surface of inner opening fan	72/80mm
Suitable glass thickness	18-36mm



64 SERIE



65 SERIE



The 65 series thermal break aluminum alloy swing door seamlessly blends modern aesthetics with advanced technology. Anchored by exceptional thermal insulation performance, it introduces comfort, security, and environmental friendliness into your living space. This door not only boasts an impressive exterior but also excels in functionality. Its thermal insulation design effectively repels external temperature influences, maintaining a constant indoor temperature to create a cozy living environment. Noise isolation technology keeps you away from the city's hustle and bustle, allowing you to enjoy a serene and pleasant indoor space. The enduring aluminum alloy material ensures the door's longevity, not only saving you maintenance costs but also contributing to sustainable choices for the environment.

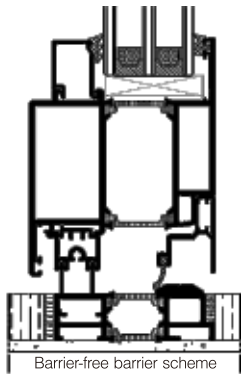
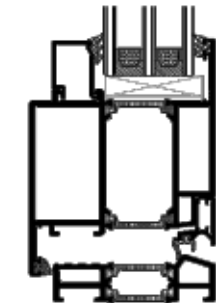
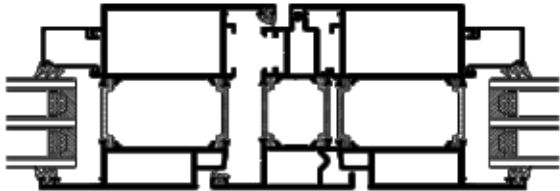
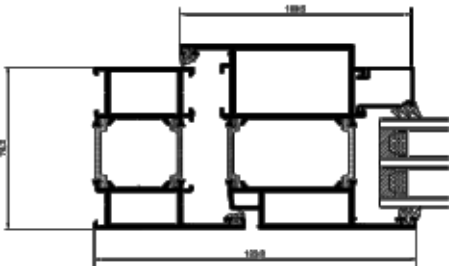


70 SERIES ALUMINUM ALLOY SWING DOOR

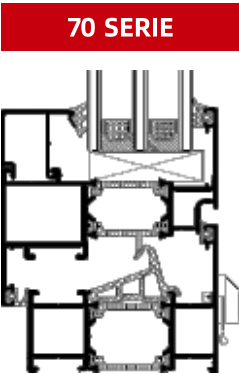
wall thickness	2.0/2.2 mm
Fan structure depth	80 mm
Insulation strip width	30 mm
Frame visible surface width	43/47/51mm
Width of visible surface of inner opening fan	60/80mm
Suitable glass thickness	36-42mm

The 70 series thermal break aluminum alloy swing door is an exceptional choice for your home living. With its outstanding thermal insulation performance, it effectively isolates indoor and outdoor temperature differences, keeping your living space consistently cozy. Even in harsh weather conditions, its remarkable resistance to wind pressure provides your home with a strong shield, ensuring stability and safety.

No matter the weather, the 70 series thermal break aluminum alloy swing door maintains excellent watertightness, preventing moisture penetration and ensuring your home stays dry and comfortable. Its precise airtight design creates a serene space disconnected from the outside world, allowing you to escape from noise and pressure.



Barrier-free barrier scheme



70 SERIE



The 70 series thermal break aluminum alloy swing door, with its exceptional thermal insulation, wind resistance, watertightness, and airtightness, creates a comfortable, secure, and tranquil living environment, adding a touch of serenity and quality to modern homes.



75 SERIES ALUMINUM ALLOY SWING DOOR

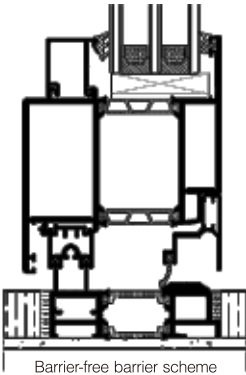
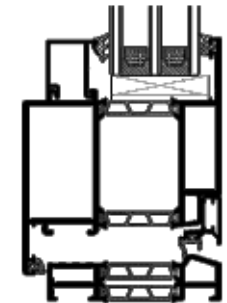
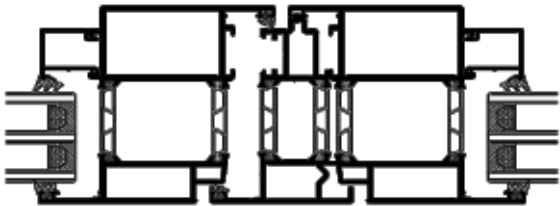
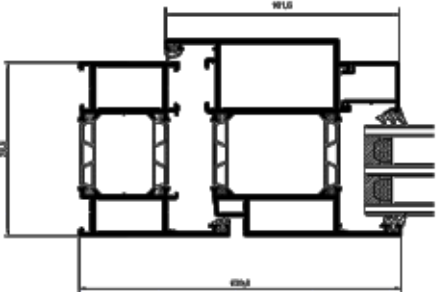
wall thickness	2.0/2.2 mm
Fan structure depth	85 mm
Insulation strip width	35/35.3 mm
Frame visible surface width	43/47/51mm
Width of visible surface of inner opening fan	60/80mm
Suitable glass thickness	36-42mm

The 75 series thermal break aluminum alloy swing door injects exceptional refinement into your home living. It not only creates a cozy and warm indoor environment with its outstanding thermal insulation performance but also showcases extraordinary design and functionality in every detail.

This door boasts excellent thermal insulation performance, effectively isolating indoor and outdoor temperature differences, ensuring your home remains warm and comfortable throughout the

year. Its unique design and high-quality aluminum alloy material excel in wind resistance, providing robust protection and ensuring your living space's security.

The 75 series thermal break aluminum alloy swing door not only offers remarkable thermal insulation performance but also excels in watertightness and airtightness. Rain or shine, it effectively prevents water and air infiltration, creating a comfortable and dry living space for you.



Barrier-free barrier scheme

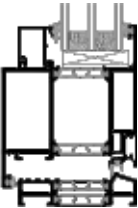
7505 SERIE



7525 SERIE



7535 SERIE



Through the 75 series thermal break aluminum alloy swing door, you can enjoy not only a high-quality living experience but also seamlessly integrate modern aesthetics and functionality into your home. This door creates a comfortable, secure, and high-quality living environment, making your moments at home truly wonderful.

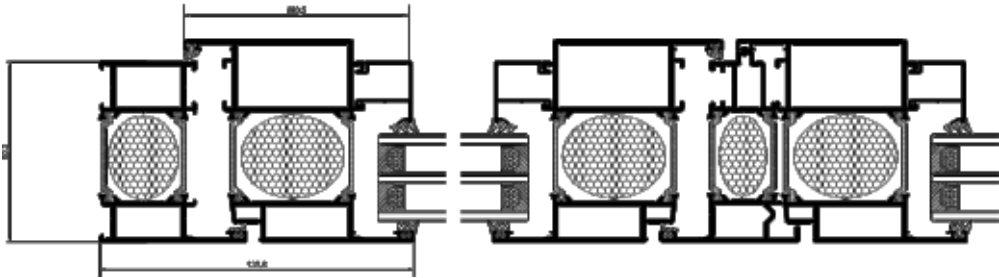
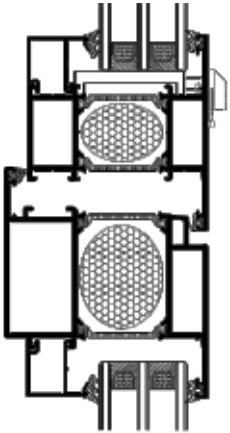


80 SERIES ALUMINUM ALLOY SWING DOOR

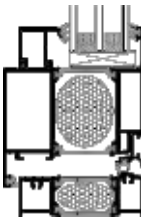
wall thickness	2.0/2.2 mm
Fan structure depth	89 mm
Insulation strip width	39/40 mm
Frame visible surface width	43/47/51mm
Width of visible surface of inner opening fan	80mm
Suitable glass thickness	36-42mm

Combining advanced craftsmanship and premium materials, the 80 Series Aluminum Thermal Insulation Doors transcend traditional door designs and elevate insulation performance to unprecedented heights. Its exceptional insulation properties make winter warmth and summer coolness the norm, effectively reducing indoor temperature fluctuations and creating a consistently comfortable living environment.

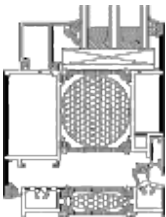
Moreover, the 80 Series Doors excel in appearance and design. The exquisite exterior contours seamlessly blend with diverse decorative styles, showcasing both individuality and an elegant ambiance. Crafted from reinforced aluminum alloy, these doors not only offer remarkable durability but also ensure the security of your home.



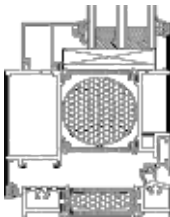
80 SERIE



81 SERIE



85 SERIE



The 80 Series Aluminum Thermal Insulation Doors are more than just doors; they epitomize both taste and functionality. Here, a door signifies not only the sanctuary of a home but also symbolizes your esteemed status. Let us unite in welcoming a more refined and comfortable tomorrow.



95 SERIES ALUMINUM ALLOY SWING DOOR

wall thickness	2.2 mm
Fan structure depth	105 mm
Insulation strip width	54 mm
Depth of outer frame structure	95mm
Suitable glass thickness	47mm

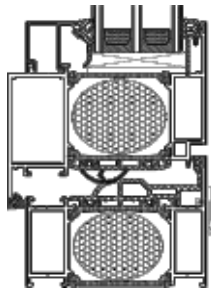
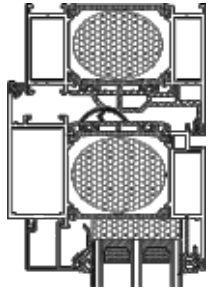
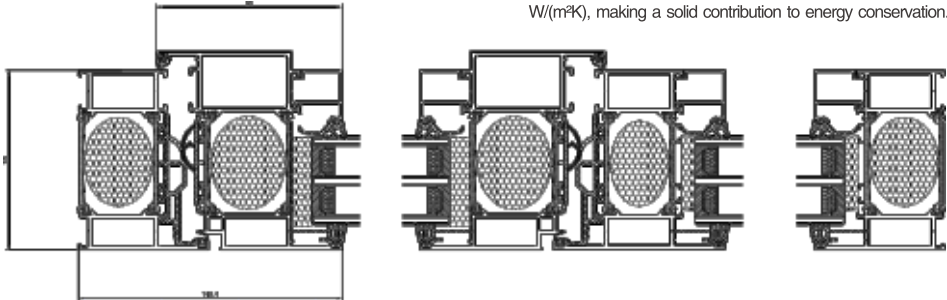
Selected Quality, Only in the 95 Thermal Insulated Aluminum Alloy French Door!

The 95 Thermal Insulated Aluminum Alloy French Door brings a brand-new enclosed insulation experience to your living space with its exceptional performance and exquisite craftsmanship. The unique design concept is evident in every detail, offering you exceptional comfort and unparalleled energy-saving effects.

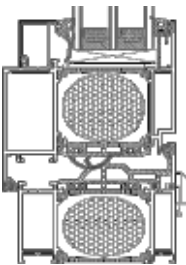
Impeccable sealing technology ensures that cold and hot air convection is kept at bay. The junction of the door frame and door leaf is sealed with high-quality closed-cell EPDM foam strips on all four sides,

combined with a multi-chamber triple-sealing system and flexible connection design. This ingeniously reduces energy loss caused by convection at the opening, maintaining a warm indoor environment.

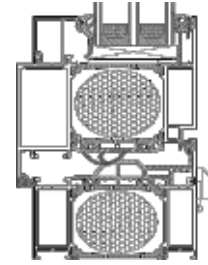
Carefully planned insulation structure achieves outstanding thermal insulation effects. The door frame and door leaf feature an isothermal line design, with insulated chambers and the edges of the glass filled with premium low thermal conductivity insulation materials, effectively isolating cold and hot air convection. The integration of the 54mm C/CG-type insulating strip and high-quality energy-efficient glass creates the perfect combination, elevating the thermal insulation performance of the entire door to the utmost level. The whole-door U-value ranges from 0.9 to 1.1 W/(m²K), making a solid contribution to energy conservation.



91 SERIE



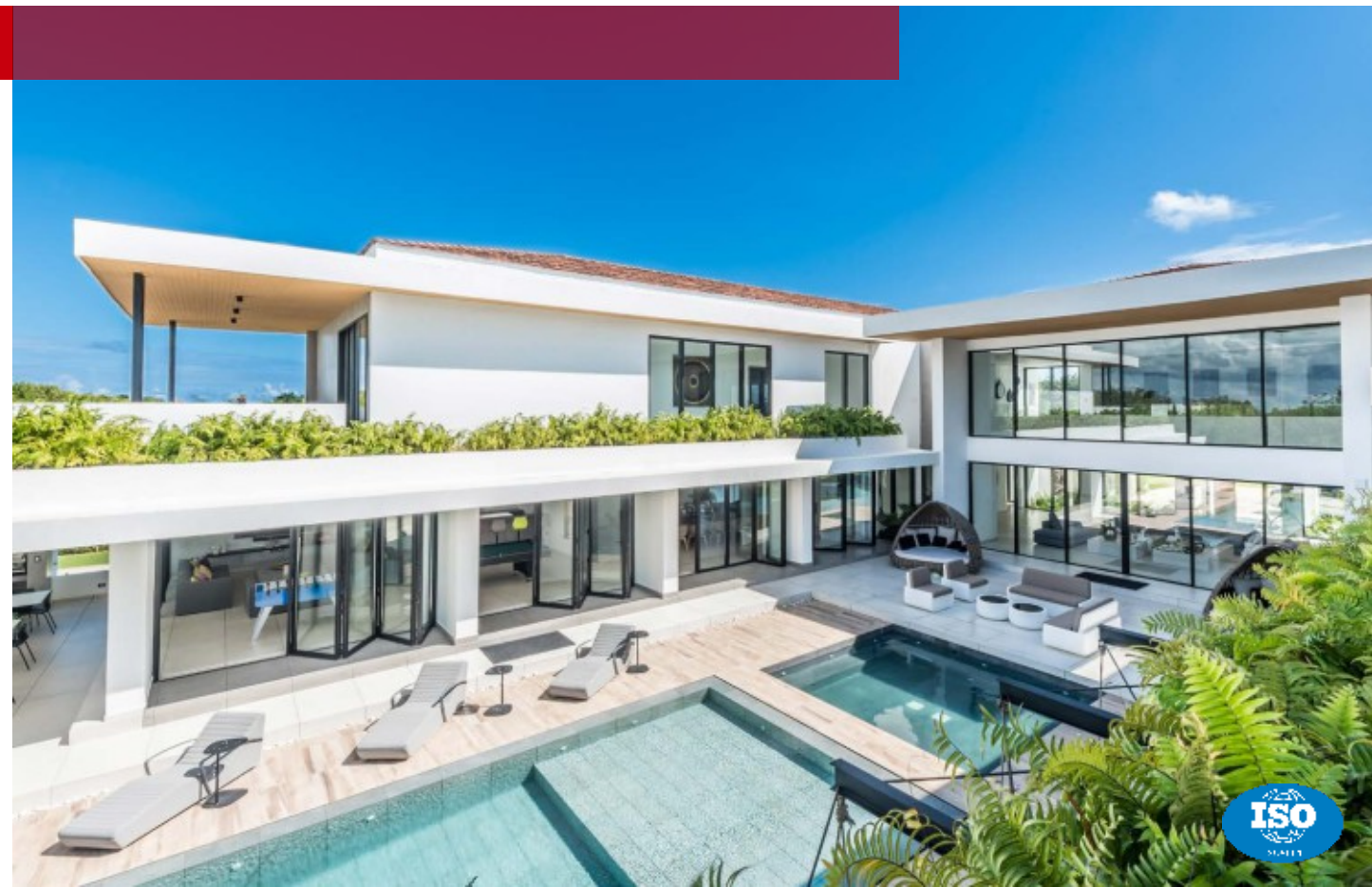
95 SERIE



The 95 Thermal Insulated Aluminum Alloy French Door is more than just a door; it symbolizes quality and warmth. Elevate your home to higher insulation and sealing standards, striking a perfect balance between comfort and energy efficiency. Choose 95 and embrace a future that seamlessly blends cutting-edge technology with heartfelt warmth!



FOLDING DOOR SERIES



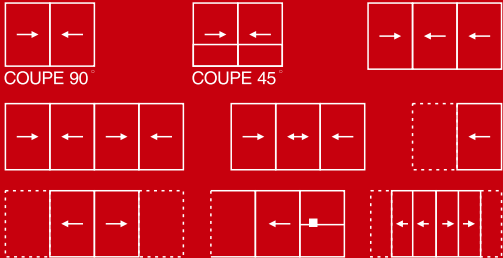


ALUMINUM ALLOY

SLIDING WINDOW

Aluminum sliding windows provide excellent ventilation and convenient opening, making them a great choice for any room. Their space-saving design allows for easy operation, making them ideal for smaller areas. Additionally, they are durable, energy-efficient, and require minimal maintenance.

TYPES



HP502 SLIDING WINDOW



Outstanding Thermal Insulation: Leveraging high-quality aluminum alloy and advanced insulation technology, effectively isolating indoor and outdoor temperature differences for energy-saving thermal performance.

Durability and Stability: Corrosion-resistant aluminum alloy material adapts to various climates, ensuring a long lifespan with stability.

Diverse Designs: Multiple styles and design choices to meet different architectural style requirements.

Excellent Sealing Performance: High-quality sealing strips effectively isolate cold/hot air and noise.

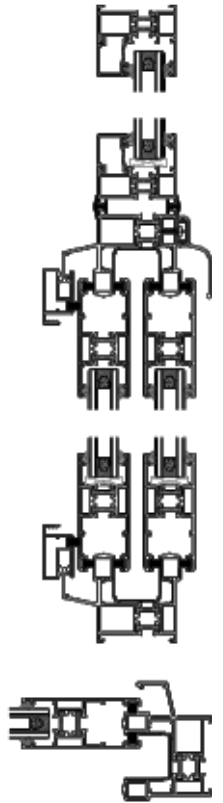
Environmentally Friendly and Sustainable: Recyclable aluminum alloy, reduced energy consumption, minimized environmental impact.

Advanced Security: Advanced anti-theft technology and structural design provide comprehensive security protection.

Easy Maintenance: Corrosion-resistant materials, easy to clean and maintain, maintaining a lasting appearance.

Insulated aluminum alloy sliding windows create efficient and durable window solutions for modern architecture.

wall thickness	1.4mm
Outer Frame Structure Depth	50mm
Sash Structure Depth	32mm
Frame Visible Face Width	56mm
Sash Visible Face Width	78mm
Compatible Glass Thickness	19mm
Opening Function	Sliding Opening



HP904 SLIDING WINDOW



Outstanding Thermal Insulation: Leveraging high-quality aluminum alloy and advanced insulation technology, effectively isolating indoor and outdoor temperature differences for energy-saving thermal performance.

Durability and Stability: Corrosion-resistant aluminum alloy material adapts to various climates, ensuring a long lifespan with stability.

Diverse Designs: Multiple styles and design choices to meet different architectural style requirements.

Excellent Sealing Performance: High-quality sealing strips effectively isolate cold/hot air and noise.

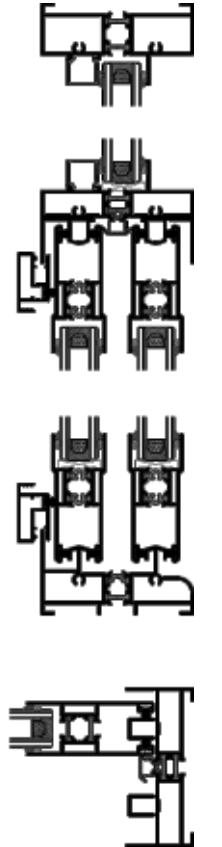
Environmentally Friendly and Sustainable: Recyclable aluminum alloy, reduced energy consumption, minimized environmental impact.

Advanced Security: Advanced anti-theft technology and structural design provide comprehensive security protection.

Easy Maintenance: Corrosion-resistant materials, easy to clean and maintain, maintaining a lasting appearance.

Insulated aluminum alloy sliding windows create efficient and durable window solutions for modern architecture.

wall thickness	1.4mm
Outer Frame Structure Depth	90mm
Sash Structure Depth	28mm
Frame Visible Face Width	50mm
Sash Visible Face Width	66mm
Compatible Glass Thickness	22mm
Opening Function	Sliding Opening



8055 SLIDING WINDOW



Outstanding Thermal Insulation: Leveraging high-quality aluminum alloy and advanced insulation technology, effectively isolating indoor and outdoor temperature differences for energy-saving thermal performance.

Durability and Stability: Corrosion-resistant aluminum alloy material adapts to various climates, ensuring a long lifespan with stability.

Diverse Designs: Multiple styles and design choices to meet different architectural style requirements.

Excellent Sealing Performance: High-quality sealing strips effectively isolate cold/hot air and noise.

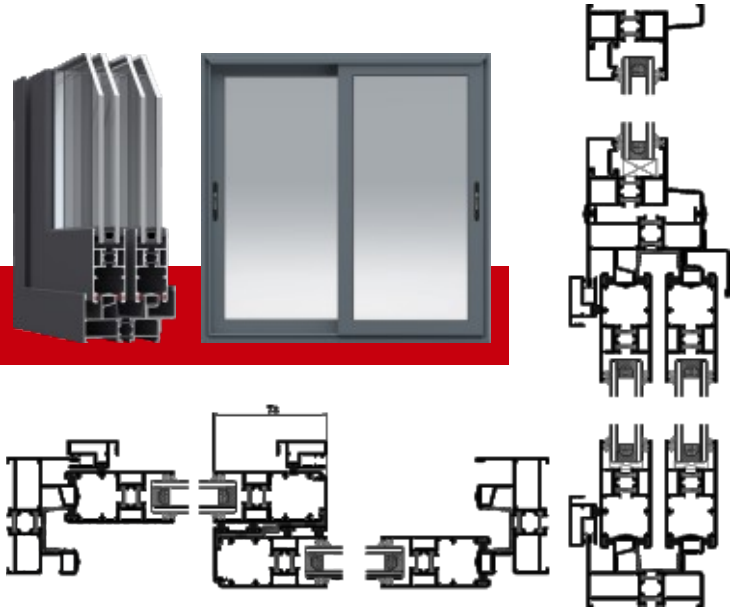
Environmentally Friendly and Sustainable: Recyclable aluminum alloy, reduced energy consumption, minimized environmental impact.

Advanced Security: Advanced anti-theft technology and structural design provide comprehensive security protection.

Easy Maintenance: Corrosion-resistant materials, easy to clean and maintain, maintaining a lasting appearance.

Insulated aluminum alloy sliding windows create efficient and durable window solutions for modern architecture.

wall thickness	1.4/2.0mm
Outer Frame Structure Depth	80mm
Sash Structure Depth	35mm
Frame Visible Face Width	50mm
Sash Visible Face Width	75mm
Compatible Glass Thickness	22mm
Opening Function	Sliding Opening



9059 SLIDING WINDOW



Outstanding Thermal Insulation: Leveraging high-quality aluminum alloy and advanced insulation technology, effectively isolating indoor and outdoor temperature differences for energy-saving thermal performance.

Durability and Stability: Corrosion-resistant aluminum alloy material adapts to various climates, ensuring a long lifespan with stability.

Diverse Designs: Multiple styles and design choices to meet different architectural style requirements.

Excellent Sealing Performance: High-quality sealing strips effectively isolate cold/hot air and noise.

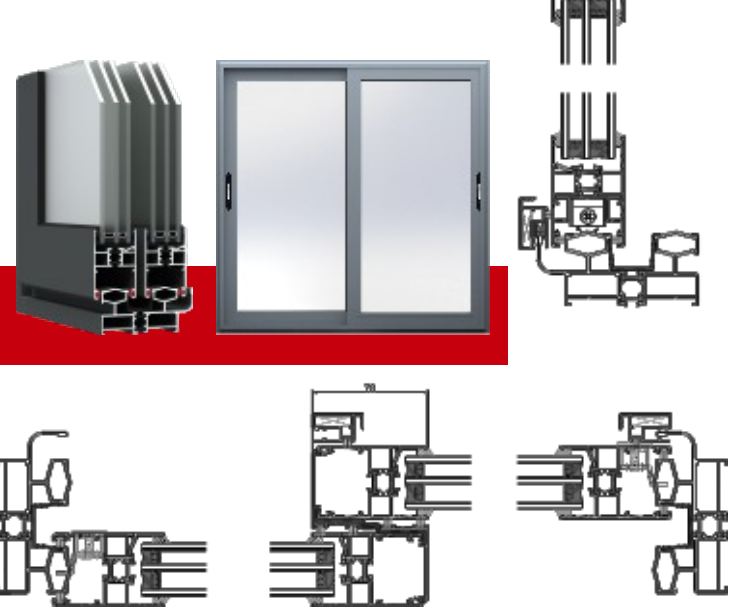
Environmentally Friendly and Sustainable: Recyclable aluminum alloy, reduced energy consumption, minimized environmental impact.

Advanced Security: Advanced anti-theft technology and structural design provide comprehensive security protection.

Easy Maintenance: Corrosion-resistant materials, easy to clean and maintain, maintaining a lasting appearance.

Insulated aluminum alloy sliding windows create efficient and durable window solutions for modern architecture.

wall thickness	1.4mm
Outer Frame Structure Depth	90mm
Sash Structure Depth	49mm
Frame Visible Face Width	47mm
Sash Visible Face Width	75mm
Compatible Glass Thickness	19-36mm
Opening Function	Sliding Opening



PNS8352

SLIDING WINDOW



Simplicity and Affordability: Non-insulated aluminum alloy sliding windows offer a cost-effective solution without the added insulation features, making them a budget-friendly choice.

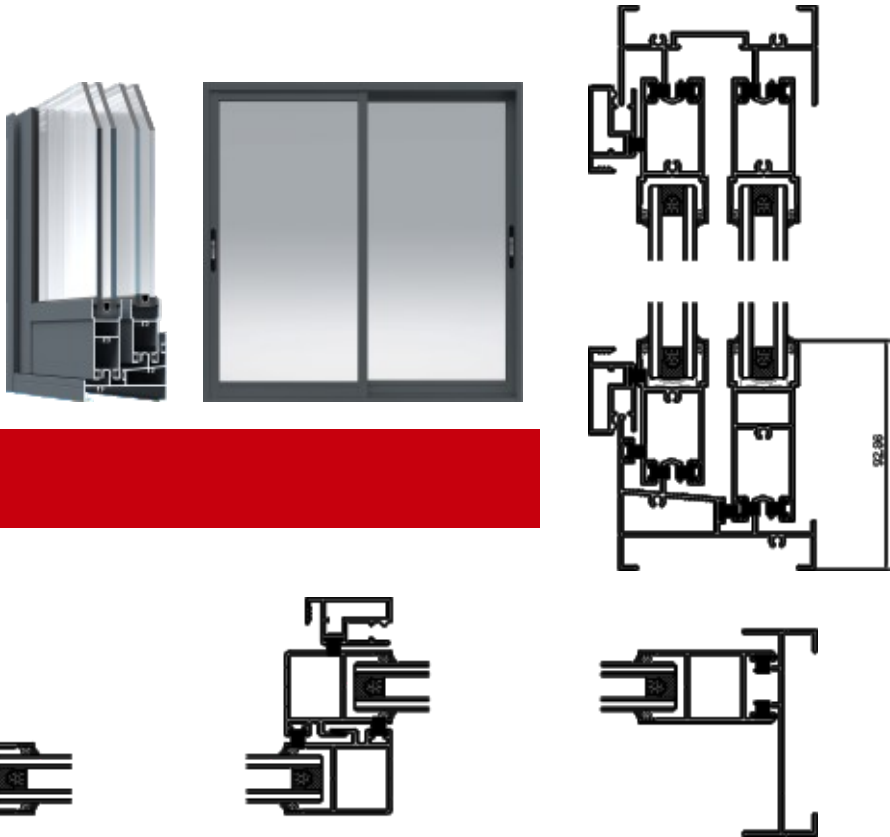
Versatility in Design: Non-insulated aluminum alloy sliding windows come in various sizes and designs, offering versatility to suit different architectural preferences.

Abundant Natural Light: The expansive glass panels of these windows allow ample natural light to enter indoor spaces, creating a bright and welcoming atmosphere.

Customization Options: Many non-insulated aluminum alloy sliding windows can be customized with different types of glass and hardware to cater to specific functional and design requirements.

In summary, non-insulated aluminum alloy sliding windows provide a cost-effective, visually appealing, and low-maintenance window solution with versatile design options for various architectural styles.

wall thickness	1.4mm
Outer Frame Structure Depth	80mm
Sash Structure Depth	28mm
Frame Visible Face Width	40mm
Sash Visible Face Width	58mm
Compatible Glass Thickness	19mm
Opening Function	Sliding Opening



PNS9055

SLIDING WINDOW



Simplicity and Affordability: Non-insulated aluminum alloy sliding windows offer a cost-effective solution without the added insulation features, making them a budget-friendly choice.

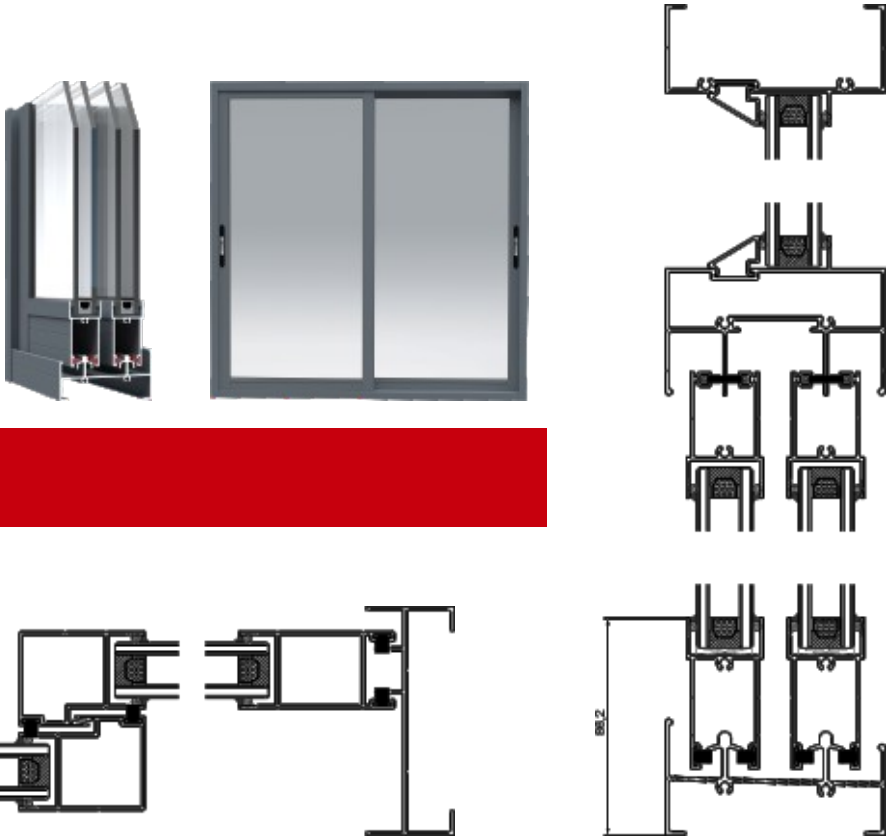
Versatility in Design: Non-insulated aluminum alloy sliding windows come in various sizes and designs, offering versatility to suit different architectural preferences.

Abundant Natural Light: The expansive glass panels of these windows allow ample natural light to enter indoor spaces, creating a bright and welcoming atmosphere.

Customization Options: Many non-insulated aluminum alloy sliding windows can be customized with different types of glass and hardware to cater to specific functional and design requirements.

In summary, non-insulated aluminum alloy sliding windows provide a cost-effective, visually appealing, and low-maintenance window solution with versatile design options for various architectural styles.

wall thickness	1.4mm
Outer Frame Structure Depth	90mm
Sash Structure Depth	30mm
Frame Visible Face Width	40mm
Sash Visible Face Width	60mm
Compatible Glass Thickness	22mm
Opening Function	Sliding Opening

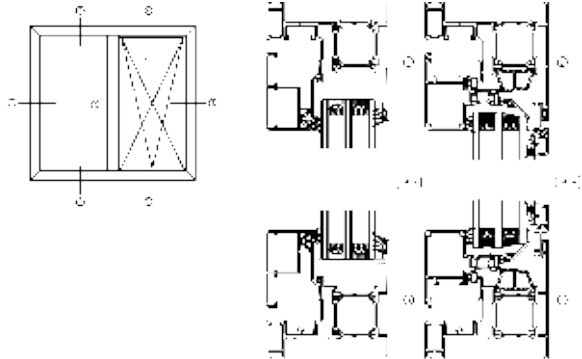
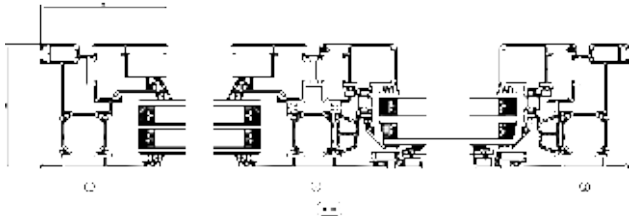


P90 HIGH AIRTIGHT SUSPENDED WINDOW



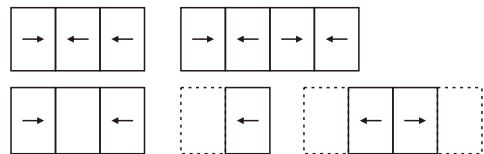
Profile Thickness	1.6mm
Outer Frame Depth	90mm
Sash Depth	63.9mm
Thermal Insulation Strip Width	30mm
Frame Visible Face Width	28mm
Mullion Visible Face Width	16mm
Sash Visible Face Width	56mm
Compatible Glass Thicknesss	30mm-39mm

Opening Mechanism	Tilt and Slide
Key Features	This product utilizes a 30mm C/C type thermal insulation strip, with thermal chambers and the glass edges filled with low thermal conductivity insulating material. It employs multiple high-quality EPDM rubber seals for compression sealing, providing excellent insulation and airtightness. This achieves a seamless integration of the sliding opening mechanism and rubber seal sealing. The sliding feature optimizes indoor space, while when closed, the entire window exhibits high airtightness. Additionally, it incorporates a diamond mesh screen for added security and protection against insects. The indoor frames and sashes are flush, and the hidden sash design on the exterior ensures smooth lines and a minimalist and elegant style. Suitable for various buildings such as villas, hotels, and residential complexes.



SLIDING DOOR

TYPES

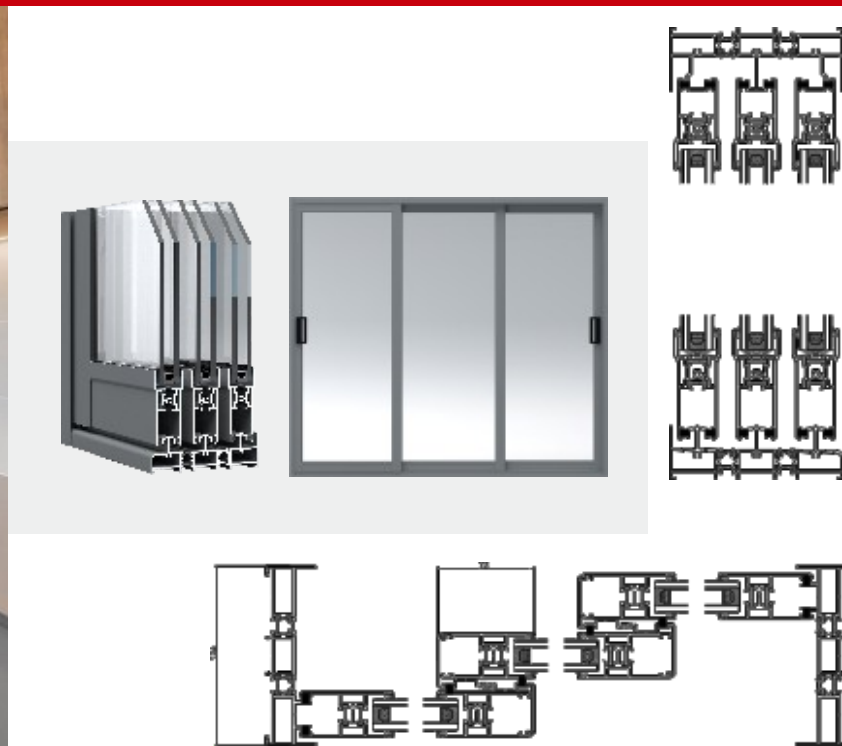


Aluminum alloy sliding door, a perfect solution for maximizing space efficiency and optimizing ventilation in your home or office. With its advanced design, this door provides a smooth and easy sliding operation, while taking up minimal space. The superior thermal insulation and soundproofing properties ensure a comfortable and quiet indoor environment, while the large glass panels allow for ample natural light and fresh air. Upgrade your living or working space with the thermal break aluminum alloy sliding door and experience the perfect combination of functionality and style.

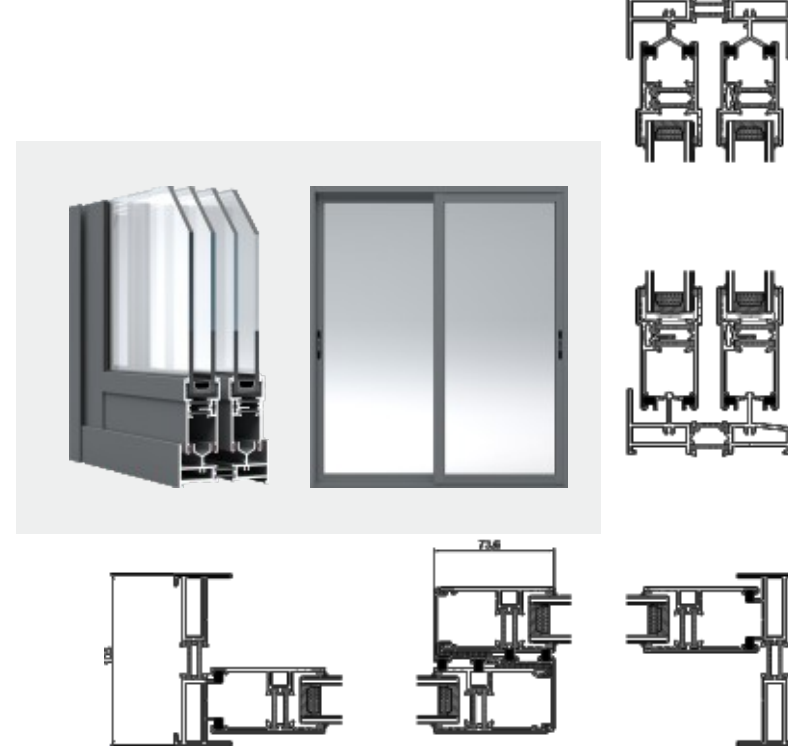
PART 05



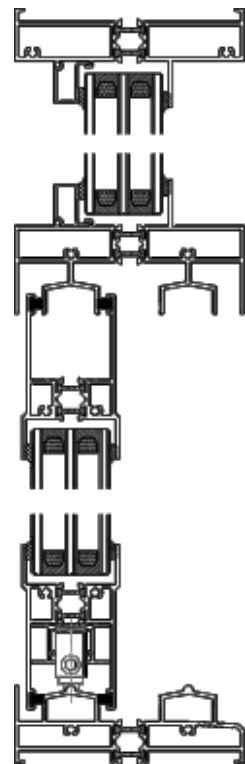
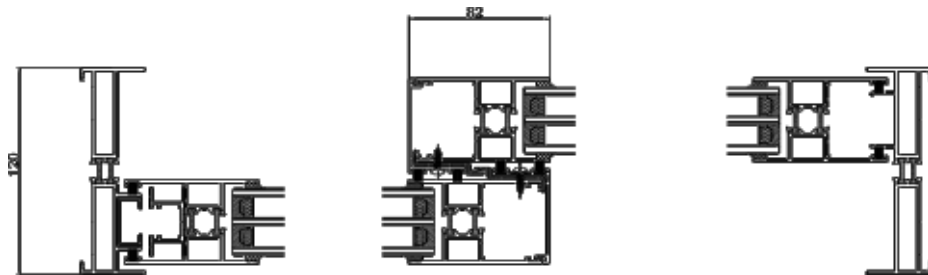
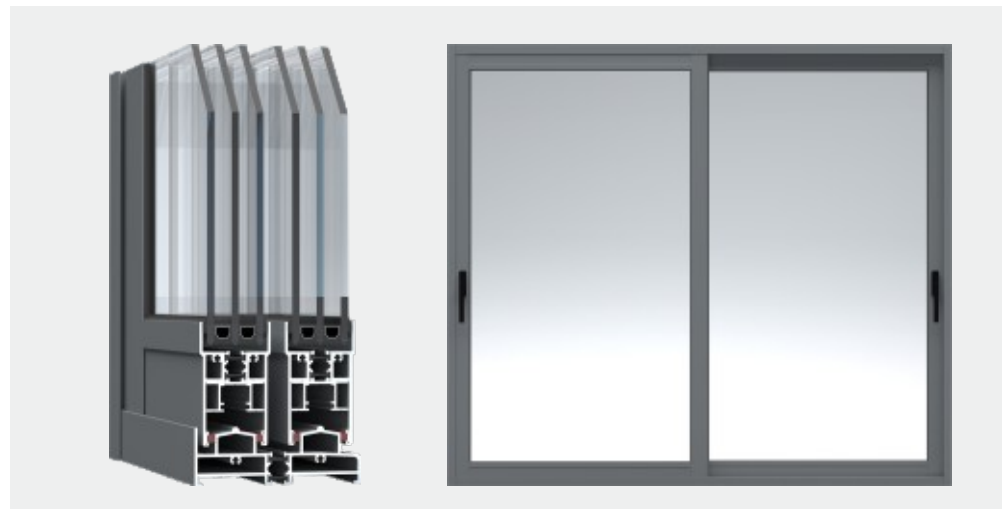
PBS9056 SERIES



PBS10556 SERIES



PBS12056 SERIES

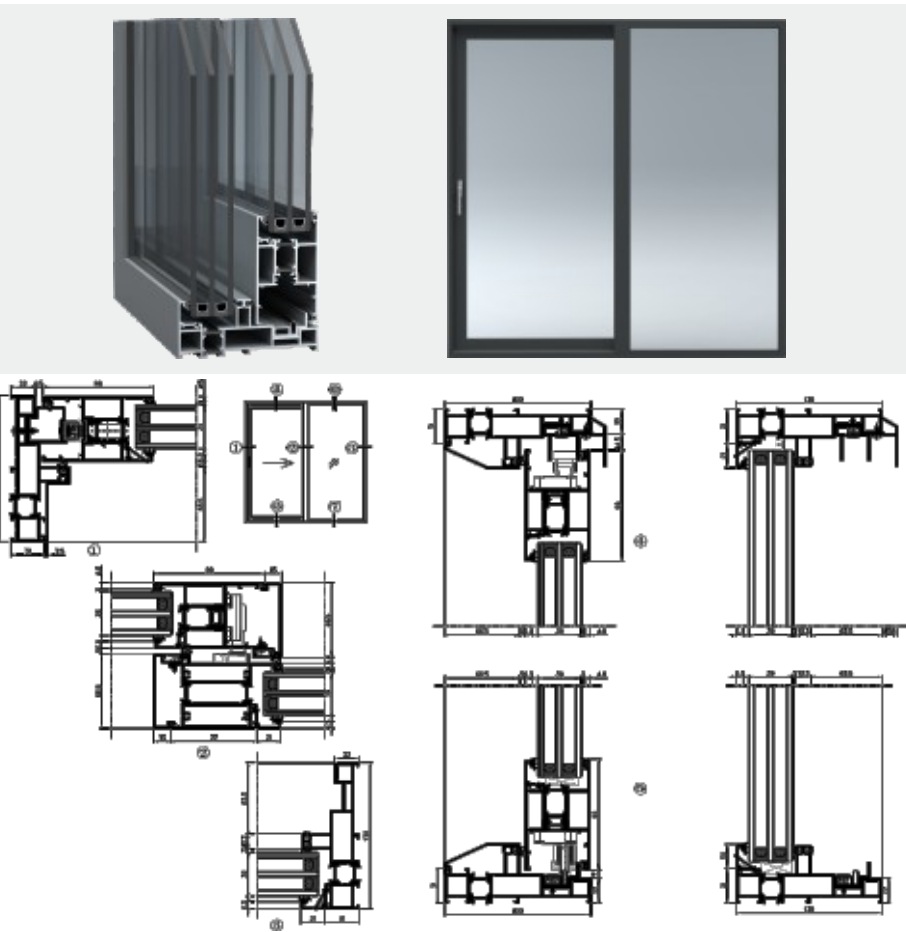


13053 SERIES

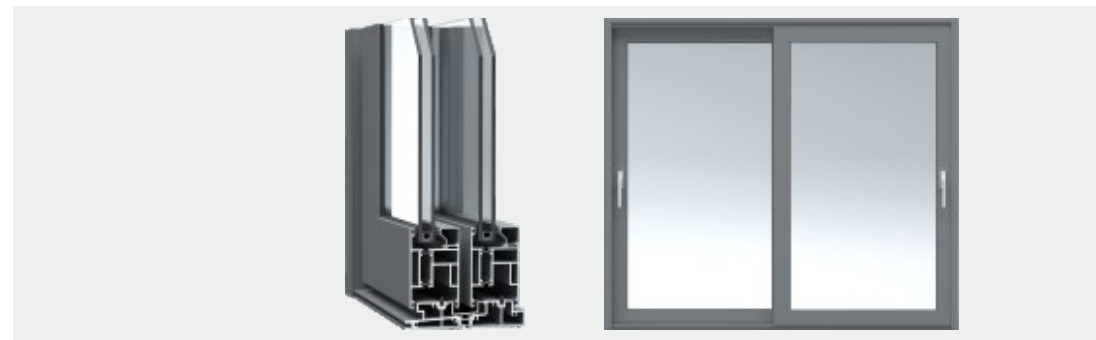


Incorporating cutting-edge technology and adhering to the highest industry standards, the 130 Series Sliding Patio Door is a testament to our commitment to quality and innovation. Experience the perfect balance of exceptional performance, stunning design, and the peace of mind that comes with uncompromising protection against the elements. Welcome a new era of sliding doors – welcome the 130 Series.

wall thickness	2.0mm
Outer Frame Structure Depth	130mm
Sash Structure Depth	58mm
Insulation Strip Depth	18mm
Frame Visible Face Width	31mm
Intermediate Mullion Visible Face Width	77mm
Sash Visible Face Width	77mm
Compatible Glass Thickness	24-39mm
Opening Function	Sliding Opening
Wind Pressure Resistance Performance GB/T 7106	Grade 9, 5K Pa
Air Tightness Performance GB/T 7106	Grade 8, 0.26m³/(m•h)
Water Tightness Performance GB/T 7106	Grade 6, 700 Pa
Thermal Insulation Performance GB/T 8484	Grade 7



TL165 SERIES



wall thickness	2.0mm
Outer Frame Structure Depth	120/165mm
Sash Structure Depth	52/46/65mm
Frame Visible Face Width	30/37/53.5mm
Sash Visible Face Width	75/81mm
Compatible Glass Thickness	24-33mm
Opening Function	Sliding Opening

Introducing the all-new TL165 Lift and Slide Door, where innovation and security seamlessly merge. With its meticulously designed features, this door aims to elevate your experience in both safety and aesthetics.

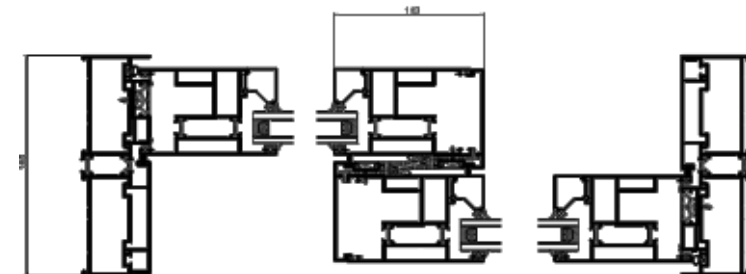
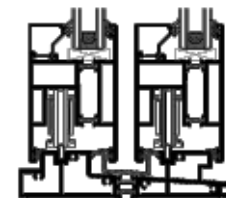
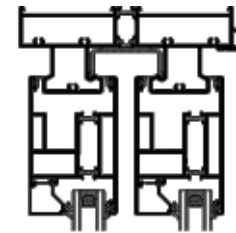
The stress points of the frame and sash have undergone reinforced design, ensuring exceptional strength and durability. The corners are connected using dedicated adhesive-injected connectors, enhancing the structure and overall safety performance.

The comprehensive accessory package not only carefully complements the door's aesthetic appeal but also enhances its

sealing capabilities. Featuring high-quality EPDM rubber sealing strips and options for installing double or triple-pane insulated tempered glass, the product ensures sealing and thermal insulation performance.

The TL165 Lift and Slide Door redefines ease of operation, making opening and closing effortless. Its smooth sliding mechanism ensures seamless integration of functionality and aesthetics while maintaining a sense of security.

Experience a door that makes no compromises in terms of safety, aesthetics, or performance. Choose the TL165 Lift and Slide Door, where every detail is meticulously crafted to bring you unparalleled peace of mind and satisfaction.





CURTAIN WALL SYSTEM

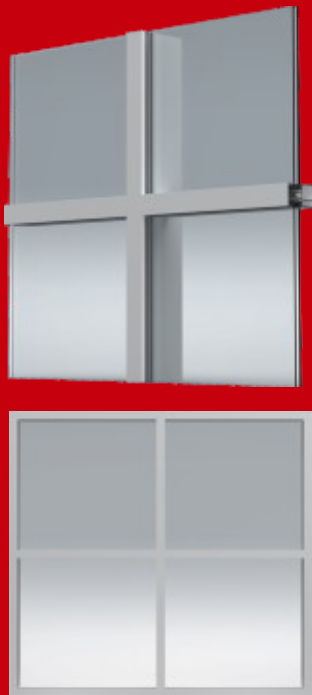
PART 06

Focuses on application-oriented requirements, integrating safety, intelligence, and user-friendly application design into one.

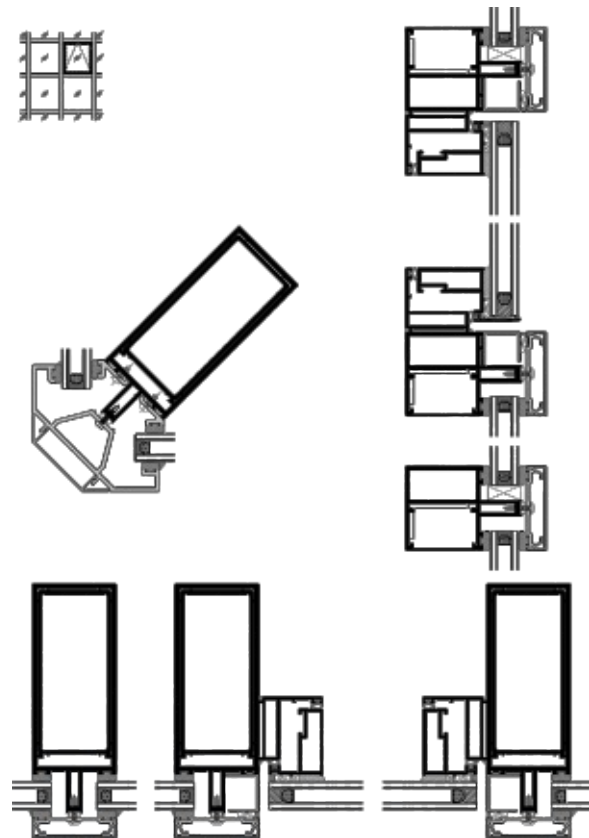
Combining the development trend of curtain wall structure towards mixed, irregular, and large span, the curtain wall system continues to innovate, taking advantage of the light weight, reasonable structure supporting products, and cooperate with and convenient installation of frame type, unit type and other customers to provide comprehensive and professional solutions. Meet the diversified functions of curtain walls, comfortable, intelligent, fashionable and with different surface materials, presenting a more energy-efficient, beautiful living space.



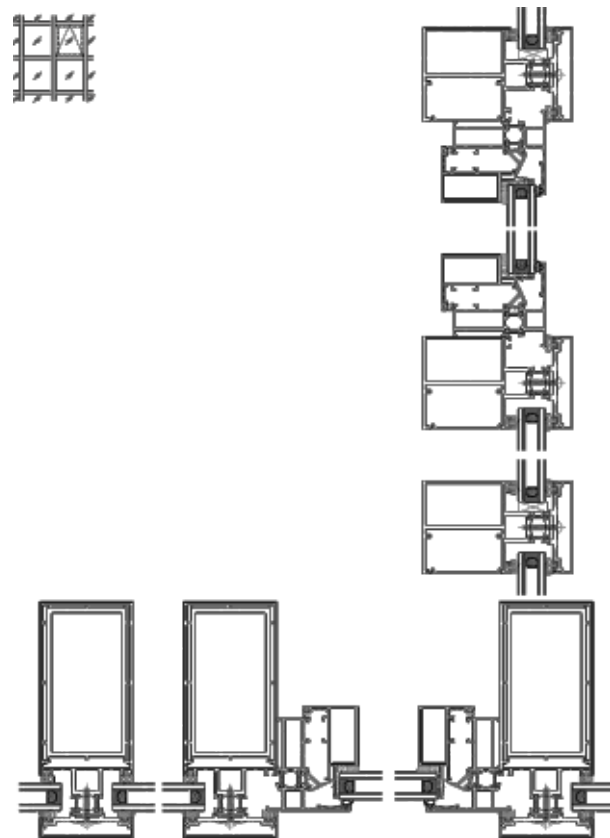
VISIBLE FRAME CURTAIN WALL



UNINSULATED JOINT

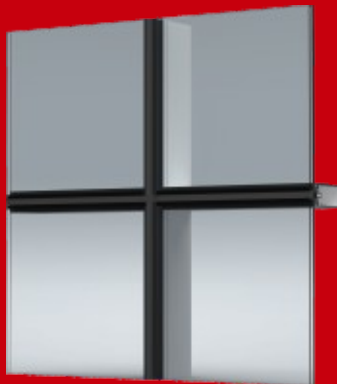


HEAT INSULATION JOINT

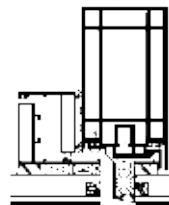
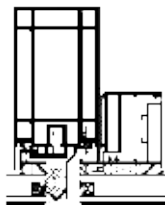
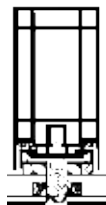
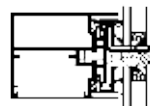
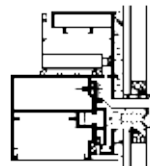
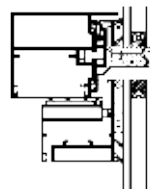


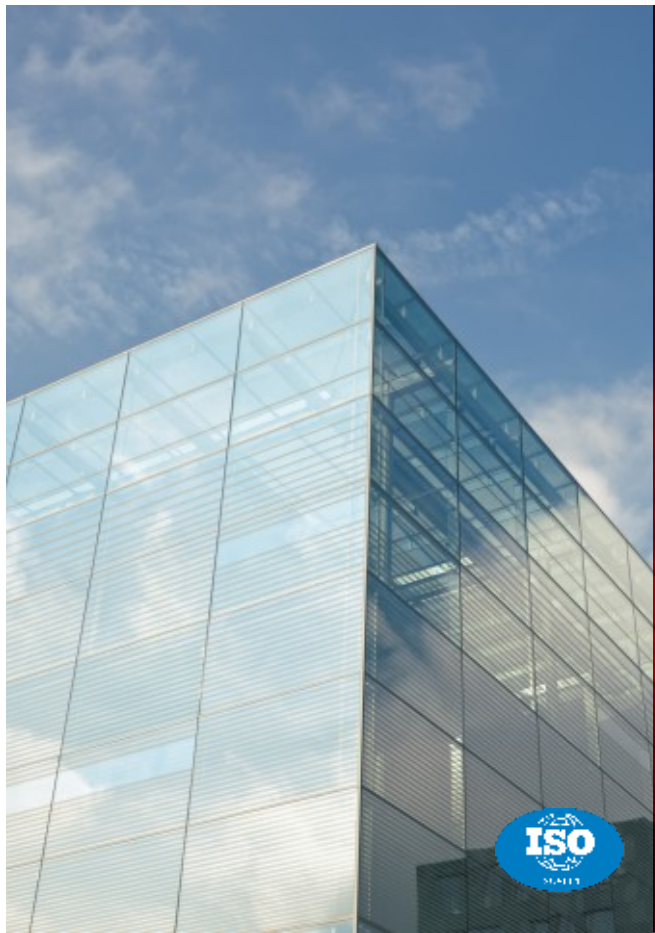


CONCEALED FRAME CURTAIN WALL



HEAT INSULATION JOINT

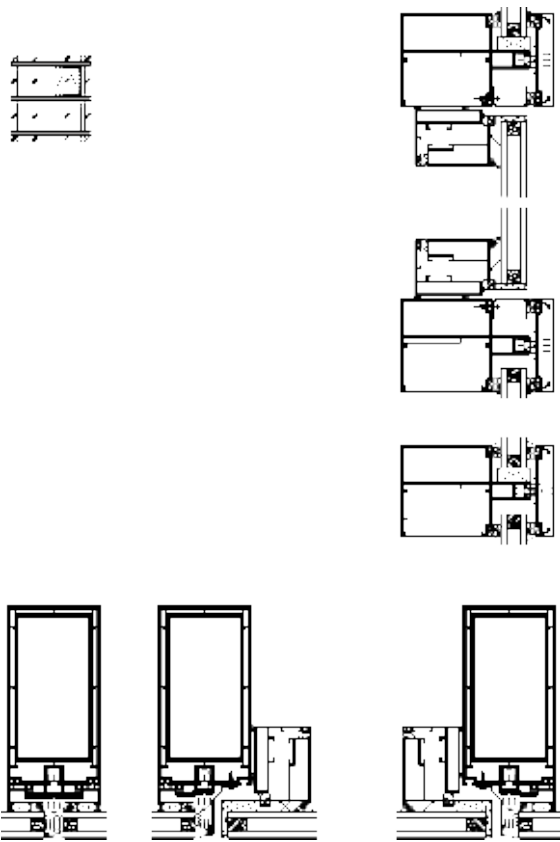




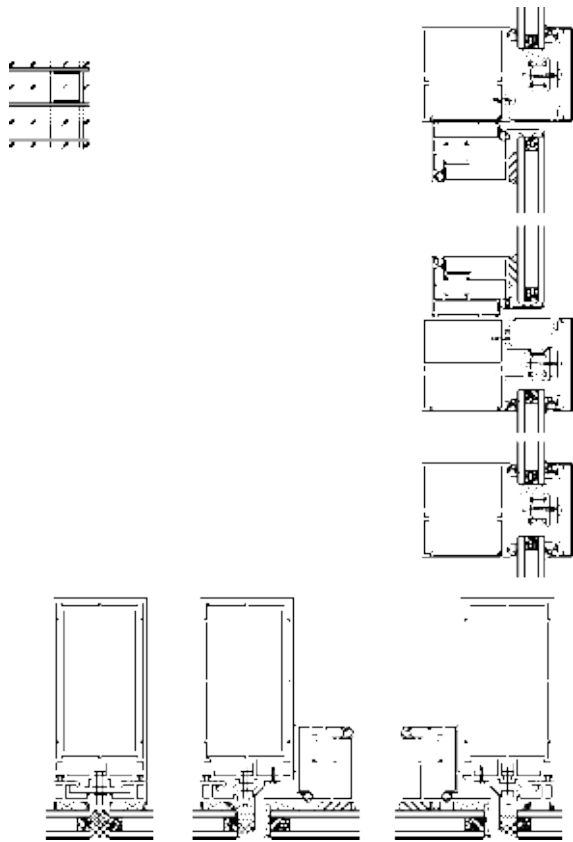
HORIZONTAL VISIBLE AND VERTICAL CONCEALED GLASS CURTAIN WALL



UNINSULATED JOINT

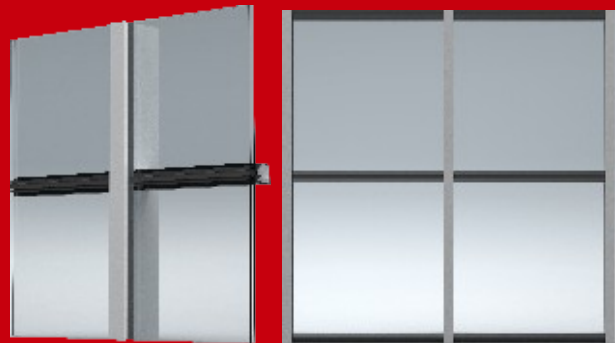


HEAT INSULATION JOINT

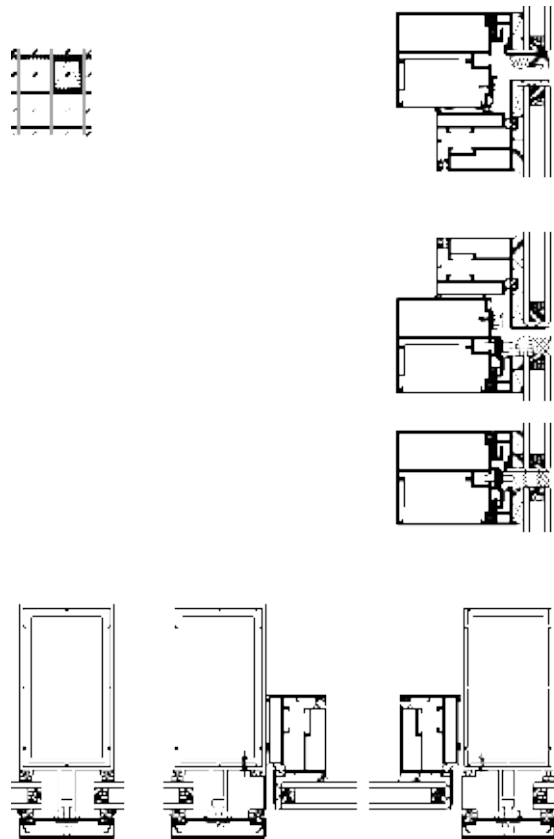




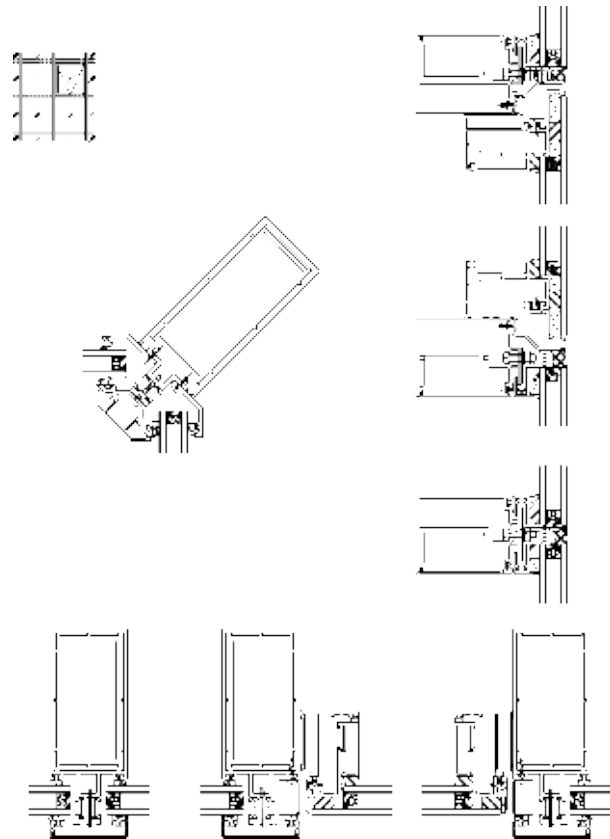
VERTICAL VISIBLE AND HORIZONTAL CONCEALED CURTAIN WALL



UNINSULATED JOINT



HEAT INSULATION JOINT



TYPES

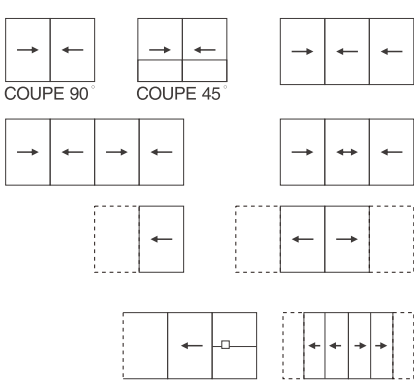
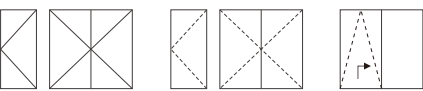
Fixed type



Horizontal opening and downward suspension

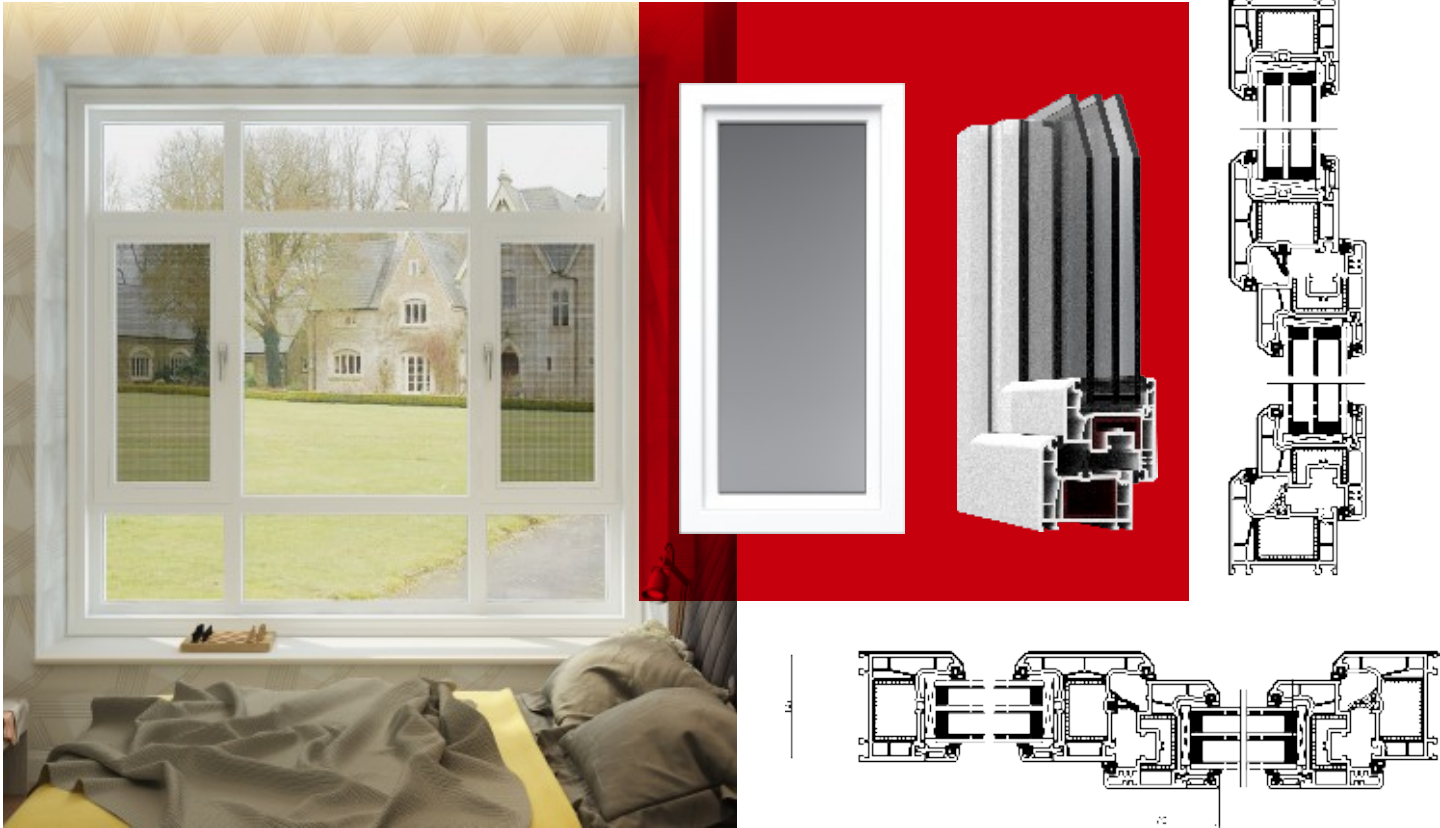


Flat-opening



UPVC WINDOW SERIES

UPVC CASEMENT WINDOW



UPVC SLIDING WINDOW

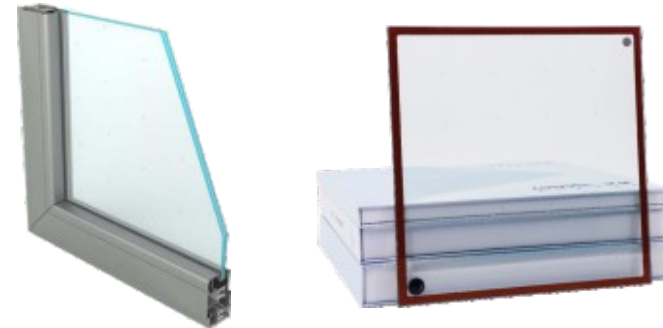


GLASS SERIES

PART 08

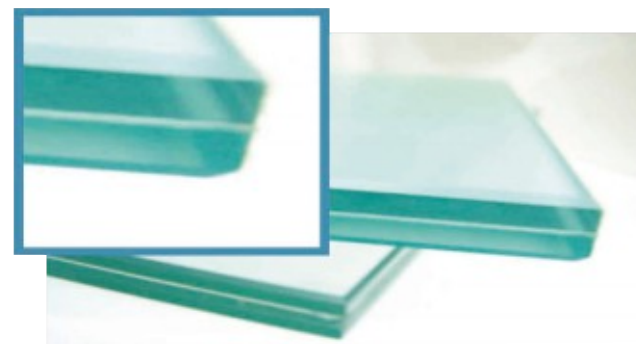


THERMAL INSULATING VACUUM GLASS



The high vacuum space within the insulating series of tempered vacuum glass effectively blocks the transfer of heat. Its thermal insulation performance is 2-4 times that of double-glazed glass and 6-10 times that of single-pane glass. Its performance can meet the requirements for doors, windows, and curtain wall glass heat transfer coefficients in nearly zero-energy buildings and passive houses.

LAMINATED GLASS



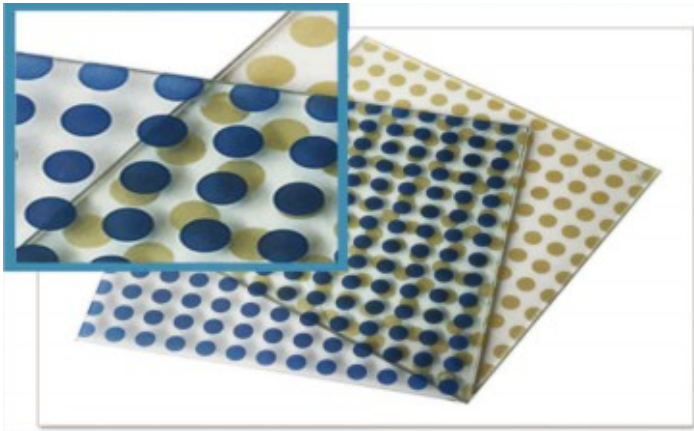
The three main properties of laminated glass are safety: when subjected to external shock damage, the glass will only produce cracks, not splashes, to avoid damage to people or things; Noise reduction: PVB film can effectively absorb sound waves and reduce noise pollution. UV protection: while not losing visible light, effectively block nearly 99 percent of the uv light, preventing indoor decorations and furniture from fading.

INSULATED GLASS



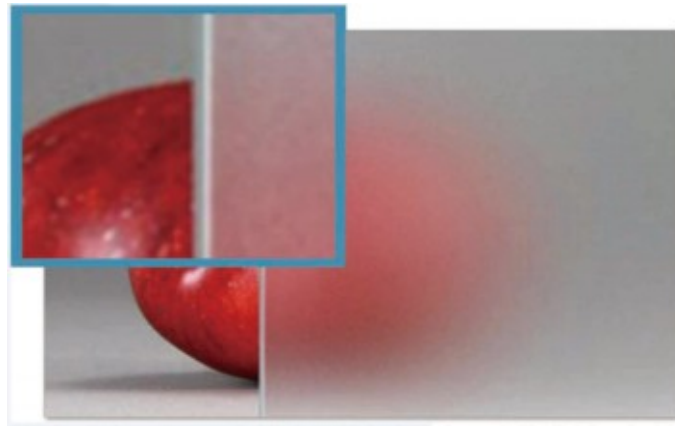
Using three pieces of glass, using high strength and high air tightness composite binder, glass and containing desiccant aluminum alloy frame bonding, made of efficient sound insulation and heat insulation glass. Insulating glass has many advantages over ordinary double-layer glass, so it has been recognized by many countries in the world. Insulating glass is a glass product with two or more pieces of glass evenly separated by effective support and surrounding bonding and sealing.

SILK-SCREEN PRINTED GLASS



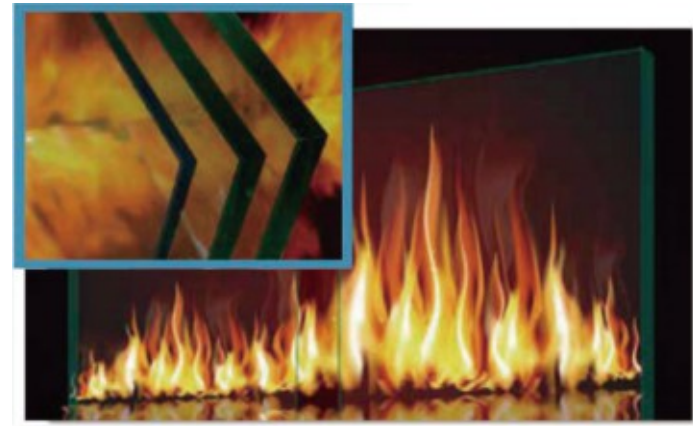
Inorganic glaze will print to the glass surface, and then drying, tempering or thermalization processing, will glaze permanent sintering in the glass surface and get a kind of wear-resisting, acid and alkali resistant type decorative glass products. It is highly functional and decorative. Its products are not afraid of knife scratch, can be customized according to the customer's requirements of color and design, wide choice, has no absorption, no penetration characteristics and easy to clean.

ACID ETCHED FROSTED GLASS



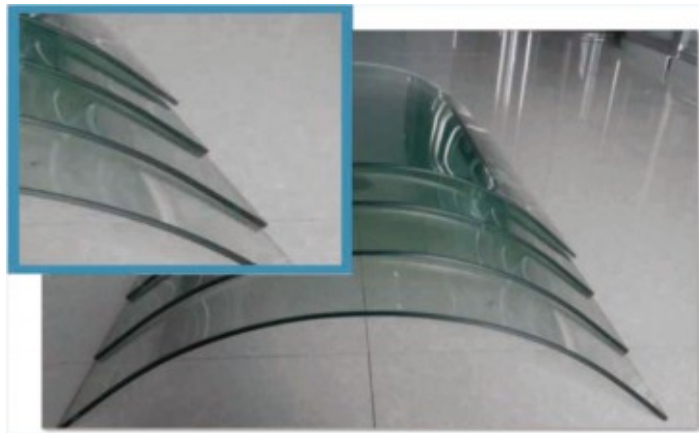
Acid etch glass offers a soft diffusion of light through a satin like finish etched into the surface. Having similar light transmission properties to clear float glass, acid etched glass facilitates the need for privacy without compromising the need for natural light. Contour are subtly obscured and lines softened to provide countless opportunities for both internal and external applications.

FIRE RESISTANT GLASS



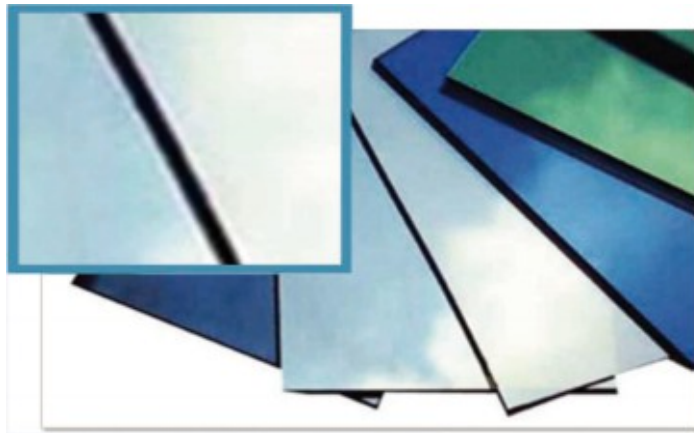
Fireproof glass is a new kind of functional material used in building, which has good light transmittance and fire resistance. With high heat resistance, and light specific gravity, high light transmittance, no yellowing, no bubbles and other unique characteristics. Fireproof glass with good performance still has good fire resistance at high temperature above 1000°C. Its single flameproof glass can keep more than 90 minutes from cracking under the fire impact of up to 1000°C.

INSULATED GLASS



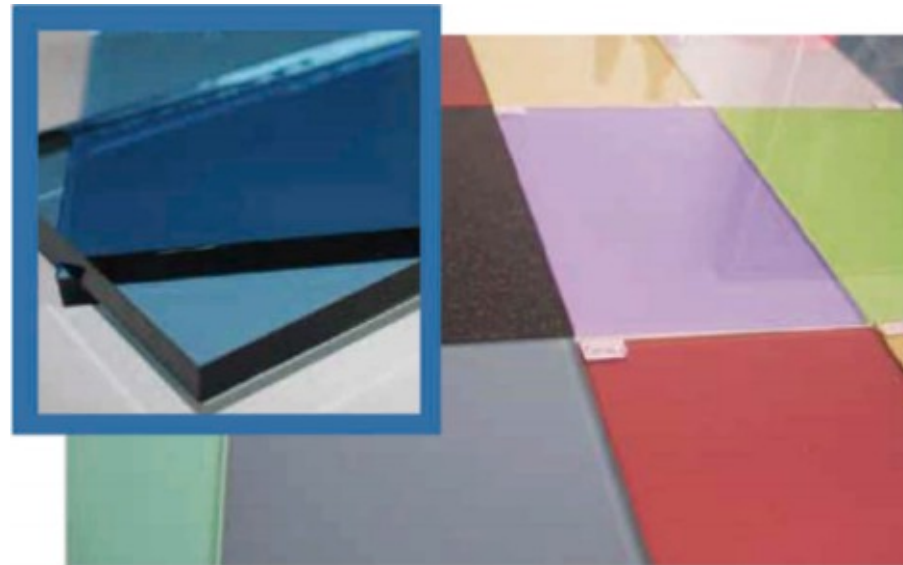
Bending steel glass is a kind of glass product which is shaped by computer control mould and cooled evenly and quickly after heating and forming, it has all the characteristics of hot-bending glass and wangan glass.

LOW-E GLASS



The energy-saving of low-e glass is reflected in its shading of the thermal radiation of the sun, which is the thermal insulation, and the blocking of heat leakage is two aspects. Because of the use of the area and the different requirements. Low-e glass is divided into two series: sunshade type and high permeability. It has the characteristics of stable performance, long storage time, long service life, natural appearance, low reflectivity, durable, easy to handle and easy to process.

Colored coated glass



Reflective glass is used as Reflective glass. Coated glass is coated with one or more layers of metal, alloy or metal compound film on the glass surface to change the optical properties of the glass to meet certain specific requirements. On-line sunlight controlled coated glass is a kind of coated glass with good control effect on sunlight. This product uses chemical vapor deposition (CVD) coating process to introduce coating raw materials in the form of gas into the surface pyrolysis of glass belt with a temperature of more than 600°C in the tin bath, forming a silicon film, so that the product has an excellent shading function. Due to the high temperature film forming conditions and unique process, the product has stable physical and chemical properties.



OTHER PRODUCTS

PART
09

ALUMINUM ALLOY LOUVERS



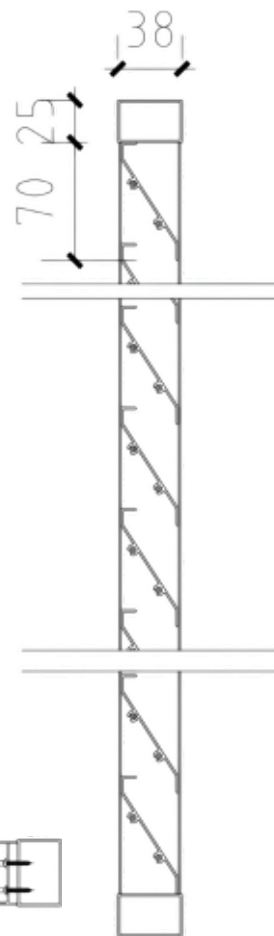
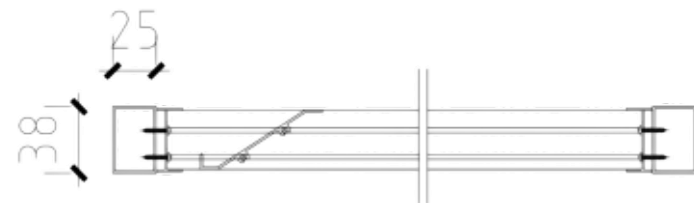
TYPES



The exterior decorative louver is made of high-quality aluminum alloy material, which has the characteristics of rust resistance, corrosion resistance, and oxidation resistance. It can maintain its beauty and durability in harsh environments for a long time. Its unique design adds a touch of modernity and sophistication to the building facade, not only as a decoration but also effectively covering the air conditioning board, enhancing the overall aesthetics and coordination of the building facade. The exterior decorative louver has various shapes and can be customized according to the needs of different buildings, creating a unique architectural style.



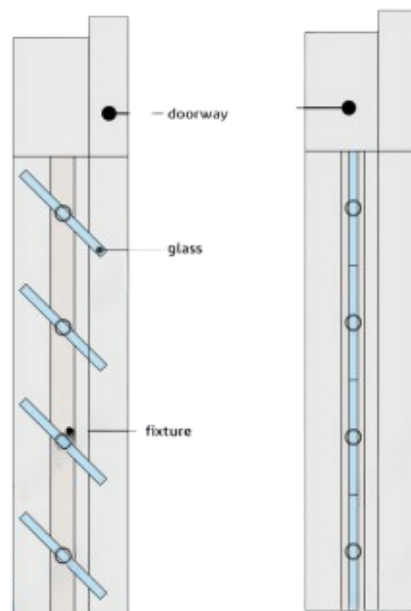
wall thickness	1.0-1.8 mm
Fan structure depth	25 mm
Frame visible surface width	25 mm
Overall edge visible surface	50 mm



GLASS LOUVERS



Glass louvre windows are a fashionable and modern shading device for windows. The louvres are made of high-strength glass material, with good light transmission and can effectively block sunlight and heat while maintaining good lighting effects. Glass louvre windows have a beautiful appearance and excellent shading effect, bringing a refreshing and bright environment to the interior. In addition, glass louvre windows have a long service life and are easy to clean, making them a high-quality window shading device.



THE SCREENS ADOPT A CONCEALED INSTALLATION DESIGN FOR A STREAMLINED AND AESTHETIC LOOK.

The screen frame features a concealed installation design, maximizing airflow while effectively preventing insects. When combined with the flat glass guardrail, the product achieves a seamless integration of ventilation and protection.

TWO SOLUTIONS

1. Integrated Panel Opening: Simplicity and Elegance
2. Split Corner Opening: Flexible and Diverse Design for Series and Sizes

- Seal Design:

The middle rubber strip employs a composite foam bending rubber strip, ensuring strip integrity and enhancing sealing performance.

- Drainage Design:

The internal step-like drainage structure, combined with outdoor lower drainage design, forms a comprehensive waterproof system. Special corner seal plugs are used at the mullion junction to ensure corner sealing integrity.

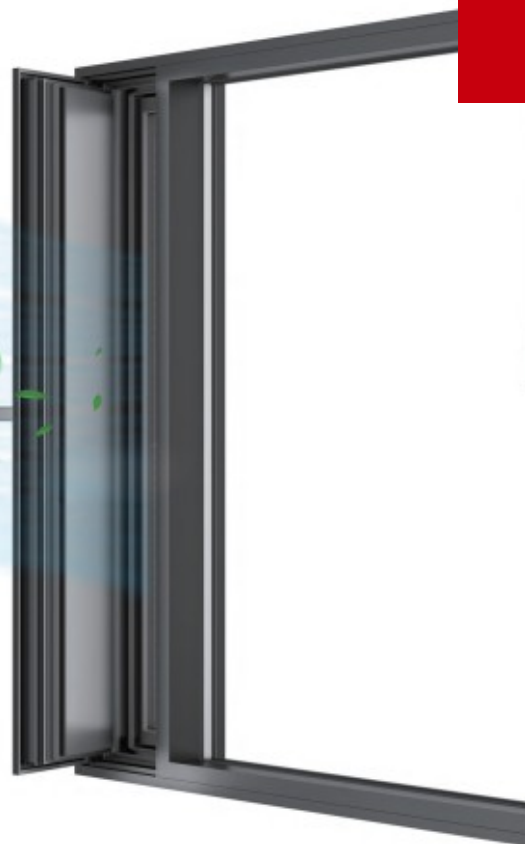
PRODUCT PARAMETER

Profile Thickness: 1.8mm
Outer Frame Depth: 91mm
Sash Depth: 68mm
Thermal Insulation Strip Width: 35.3mm
Compatible Glass Thickness: 33-39mm
Opening Mechanism: Inward Casement

PRODUCT CHARACTERISTICS

- Indoor and outdoor frames and sashes are flush, creating a clean and sleek overall window appearance with smooth lines.
- Extremely narrow opening sashes, combined with large fixed glass panels, fulfill indoor ventilation and air exchange requirements while expanding the field of view and enhancing safety.

P75 MICRO VENTILATION WINDOW



UNITIZED HIGH PERFORMANCE INSULATED SUNROOM SERIES



PRODUCT PARAMETER

Wall Thickness: 2.5mm

Visible Face of Main Beam: 70mm

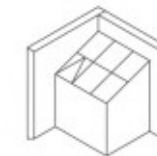
Depth of Main Beam: 140mm

can meet the strength design requirements of standard-sized sunrooms.

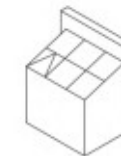


PRODUCT CHARACTERISTICS

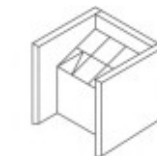
- Visible face of the main beam: 70mm, in-out dimension: 140mm, can meet the strength design requirements of standard-sized sunrooms.
- The longitudinal depth dimension of the columns and corners is 150mm, which can accommodate the installation of the majority of door and window products.
- The top structure features a dual drainage design, effectively channeling both outdoor rainwater and indoor condensation water.
- The top includes a complementary skylight system and sunshade system.
- The product can be configured with a single-slope or gable roof structure.



Corner wall with a single-slope design.



U-shaped wall with a single-slope design.



Single-sided wall with a single-slope design.



Herringbone slope design.



Mismatched single-slope design.

GLASS BALUSTRADE



Glass balustrade,
where transparency meets safety.

Employing glass as the key material for enclosure
and support in places like staircases,
balconies, and terraces.

Widely utilized in architecture and
interior design to provide security,
visual transparency,
and aesthetic appeal to spaces.



GLASS PARTITION WALL

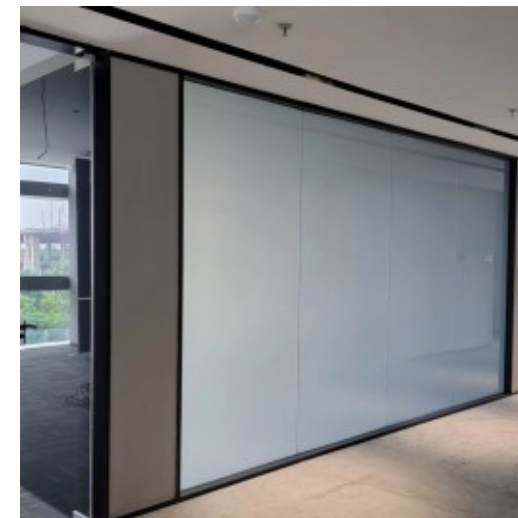


Office glass partitions blend division and connection.

Transparent glass fosters open communication,
allowing natural light to flow and inspiring an atmosphere of innovation.

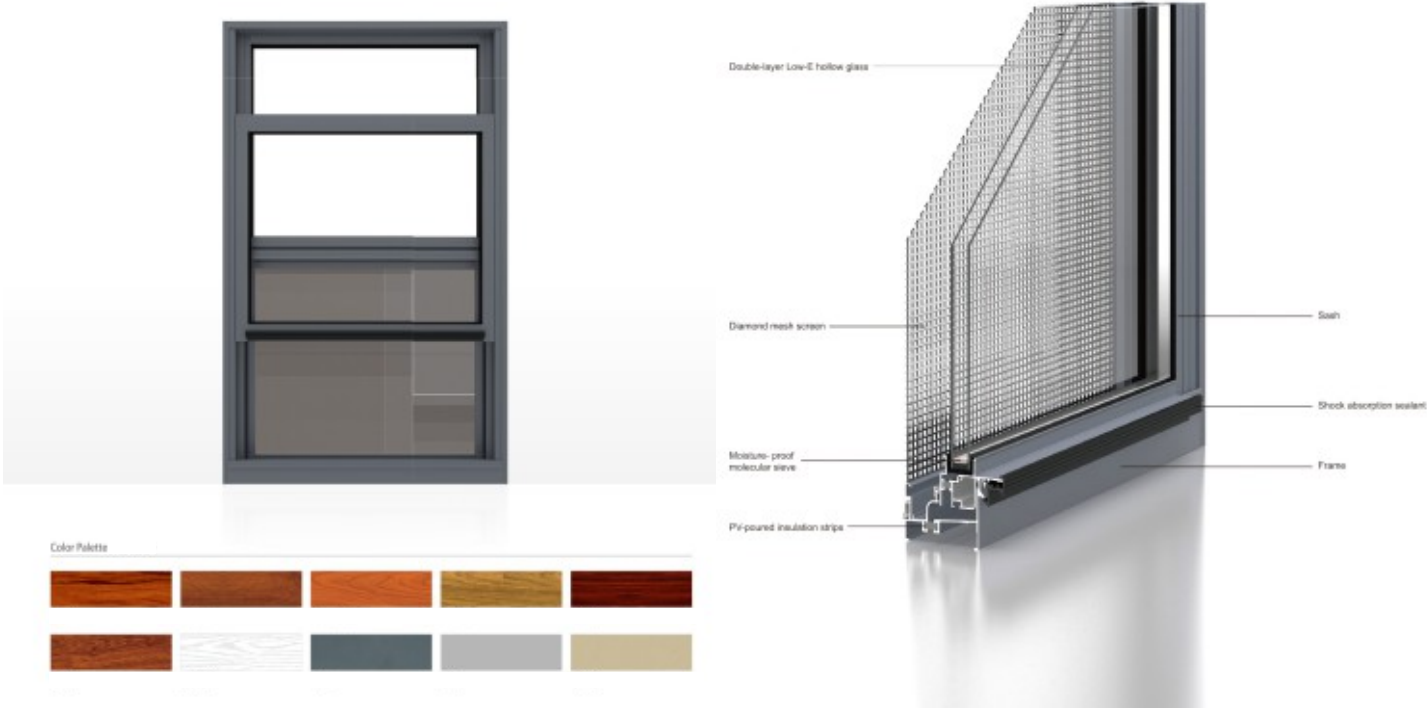
Striking a balance between privacy and connection,
it shapes a collaborative workspace.

Its modern design conveys professionalism,
while its adaptability accommodates changing needs,
infusing vitality and sustaining development into the office environment.



Pull-up Window

Equipped with a convenient pull-operating mechanism, easily open and close the windows, providing a smooth user experience.



ALUMINUM FOLDING DOOR



Smooth Folding:

Designed with an efficient folding mechanism, allowing the door to fold and stack effortlessly, creating a larger open space for you.



HARDWARE OVERVIEW AND MOUNTING DIMENSIONS





ABOUT PACKAGING



To ensure the interests of our customers, we have taken many considerations and improvements in the packaging of our door and window products, to ensure that each batch of products can receive the best protection during transportation.

We use a steel frame as the support structure for our door and window products, which effectively prevents the products from collapsing and deforming during sea

transportation, ensuring the integrity of the products.

For the surface packaging of our door and window products, we use a combination of EPE foam and paper packaging, which can not only effectively alleviate external impacts but also isolate seawater erosion, thereby maximizing the protection of the appearance and quality of our door and window products.

Finally, we also use wooden box

packaging to ensure that our door and window products will not be damaged due to compression and friction during transportation, thereby ensuring the safe transportation of the products.

We believe that these scientific packaging measures will bring our customers the best quality door and window products while ensuring the safety of the products during transportation.

