

Email	contact@greenmainland.com
Website	greenmainland.com
Phone Number	903 776 4663
Address	2158 W Northwest Hwy Suite 407 Dallas, TX 75220

Empowering Homes, Enriching Lives



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Green Mainland is a retail company that offers a wide range of luxury aluminum windows and doors that not only come in a wide variety of designs and sizes, but also can be fully customized from the color of the handle to the finish of the glass.

At Green Mainland, our mission is to redefine the essence of home through sustainable innovation and impeccable craftsmanship. We are committed to providing homeowners with premium-quality windows and doors that not only enhance the beauty and functionality of their spaces but also contribute to a greener, more sustainable future.

Our aluminum systems for windows and doors meet the Passive House Standard, a rigorous energy efficiency standard, focusing on reducing the building's ecological footprint while providing high levels of comfort and indoor air quality. Grounded in high-performance design principles, our systems ensure continuous insulation, airtight envelopes, and balanced fresh air ventilation. By prioritizing excellence and integrity, we aim to empower our customers to create homes that reflect their values and aspirations.

Customer-Centric Approach

Our customers are at the heart of everything we do. We strive to exceed their expectations by providing personalized service, expert guidance, and solutions tailored to their unique needs and preferences.

Sustainability Excellence

We are dedicated to leading the charge in sustainable practices within the industry, constantly seeking innovative ways to promote eco-conscious living.

Integrity and Transparency

Our commitment to ethical practices ensures trust, accountability, and long-lasting relationships with our customers.

Passion for Progress

We are driven by a relentless passion for progress, constantly pushing boundaries, challenging conventions, and striving for excellence in everything we do.

Why Aluminum?

Durability

Aluminum windows and doors boast exceptional durability, ensuring structural integrity and dependable performance throughout their lifetime. Resistant to warping, cracking, or swelling, they provide stability in diverse climates.

Low Maintenance

With excellent weatherproofing and corrosion-resistant properties, aluminum requires minimal upkeep, reducing overall maintenance expenses. Unlike other materials, aluminum windows and doors do not need frequent resealing or repainting.

Sustainability

Built to last for decades, aluminum is a sustainable choice for windows and doors. Its high recyclability allows for repurposing and reuse, contributing to environmental conservation efforts.

Security

Featuring robust frames, aluminum windows and doors offer heightened security with their solid construction. They are compatible with various security mechanisms and accessories, enhancing your safety.

Energy Efficiency

Aluminum's durability and weather-resistant properties make it ideal for withstanding harsh conditions. Our thermally broken aluminum systems improve thermal insulation, creating energy-efficient solutions that endure for years.

Introduction

As a premier retailer specializing in luxury doors and windows, we invite you to explore our diverse range of offerings that seamlessly blend style, functionality, and durability. Whether you're envisioning a modern minimalist aesthetic or a timeless classic appeal, we have the perfect solutions to elevate your living spaces.

Make a grand entrance with our exquisite doors, tailored to your exact specifications. From stunning panel entry doors to versatile sliding and folding options, each door in our collection is designed to make a statement. Enjoy the freedom to customize every aspect, from size and handles to color finishes and accessories. Plus, enhance functionality and comfort with optional mosquito nets, glass tints, and patterns, ensuring a personalized touch that reflects your unique style.



World of Possibilities

Green Mainland windows are crafted with precision and attention to detail. Our aluminum frames offer sleek sophistication and robust durability, while our vinyl options provide versatility and energy efficiency.

At Green Mainland, innovation is at the heart of everything we do. Our catalog is constantly updated to bring you the latest trends. While we strive to showcase a comprehensive selection, please note that our offerings extend far beyond what's presented here. Stay tuned for exciting updates and new additions.

Join us on a journey of exploration and inspiration as you flip through the pages of our catalog. Whether you're embarking on a new construction project or renovating your existing space, let Green Mainland be your trusted partner in creating spaces that reflect your vision and lifestyle.

Welcome to a World of Possibilities.






Welcome to Green Mainland.



Panel Entry Doors

Introducing Green Mainland's exquisite panel entry doors: where affordability meets elegance. Available in a diverse range of designs, finishes, and configurations, our panel entry doors offer endless possibilities to customize and enhance your surroundings. Whether you prefer classic charm or contemporary flair, there's a perfect match for every style.

Please note that our panel doors are exclusively designed for entryways and are not intended for interior use. Experience the exceptional quality and affordability of Green Mainland's panel doors.

				
Armor Door	Gate Door	Exen Door	Guardian Door	Omega Door

Glass Entry Doors

Introducing Green Mainland's glass entry doors, where modern transparency meets sophisticated design to create a stunning focal point for your entryway. These doors seamlessly blend elegance with contemporary flair, providing a warm welcome to your home or business.

The use of high-quality glass allows natural light to flood your entry space, creating a bright and inviting atmosphere. It's important to note that our glass doors are exclusively designed for exterior use. They are not suitable for interior.

Make a statement and create a lasting impression with Green Mainland's glass doors, designed to redefine the way you welcome guests into your space.

Glass entry doors are possible with the following systems: **Crete, Corfu, and Capri.**



French Doors

French Doors from Green Mainland are characterized by their classic design, featuring a set of double doors with glass panels that exude a sense of openness and connectivity.

The incorporation of glass panels allows abundant natural light to grace your interiors, making your space feel larger and more welcoming. French doors are an excellent choice for creating a seamless connection between rooms or between indoor and outdoor spaces. They enhance the flow of natural light and create an open and airy feel, making them ideal for spaces like living rooms, dining areas, or entryways.

French doors are possible with the following systems: **Vis, Patmos, Milos, Gozo, Sicily, Santorini, Rhodes, and Elba.**



Sliding Doors

With a sleek and modern design, our sliding doors redefine the concept of seamless transitions between indoor and outdoor spaces. Beyond their aesthetic appeal, these doors are a practical choice for maximizing space, making them ideal for both residential and commercial settings.

Sliding doors open horizontally by sliding along a track, rather than swinging on hinges like traditional doors. They are designed with energy-efficient features to help regulate indoor temperatures, contributing to energy savings and environmental sustainability.

Choose Green Mainland's sliding doors for a versatile and functional solution that effortlessly combines form and utility.

Sliding doors are possible using the following systems: **Ibiza, Ithaca, and Malta.**



Bifold Doors

Crafted for convenience and aesthetic appeal, bifold doors consist of multiple panels which open by folding back in sections, accordion-style, to create a wide opening. Whether you want to create a grand entrance to your patio, open up your living room to the garden, or enhance the layout of your commercial space, these doors provide a flexible and stylish solution.

The beauty of bifold doors lies not only in their modern aesthetics but also in their ability to maximize space and provide a seamless transition. Invest in Green Mainland's bifold doors to bring a contemporary touch to your living or working environment, blending style with functionality in a way that transforms the way you experience your space.

Bifold doors are possible using the following system: **Menorca.**



Pivot Doors

Unlike traditional hinged doors, pivot doors swing on a set of pins mounted in the top and bottom of the door. Designed to make a bold statement, they embody the principles of contemporary design. Pivot doors can be built on a grand scale, making them a captivating focal point for your exterior. Please note that they are exclusively crafted for exterior use.

Elevate your entry with the grandeur and innovation of pivot doors from Green Mainland, making your entry a true reflection of unique elegance.

Pivot doors are possible using the following system: **Corfu**.





Fixed Windows

Green Mainland's fixed windows are a stylish and straightforward solution for those who appreciate simplicity and desire unobstructed views. These non-operable windows do not open or close, serving as a clear, fixed glass pane that effortlessly captures the beauty of the outdoors. Perfect for showcasing expansive landscapes and flooding interiors with natural light, our fixed windows are designed to frame your surroundings with elegance. Available in impressively large sizes, they offer a modern and cost-effective way to enhance the aesthetic appeal of any space.

With no moving parts, they require minimal maintenance, making them an ideal choice for those seeking hassle-free, yet impactful, window solutions.

Fixed windows are possible with the following systems: **Vis, Patmos, Milos, Gozo, Sicily, Santorini, Elba, and Rhodes.**



Tilt and Turn Windows

Introducing Green Mainland's Tilt and Turn Windows - a European classic redefined for modern living. These windows seamlessly blend timeless aesthetics with functionality, offering a versatile solution for your space. The unique design of tilt and turn windows allows for two distinct operations. Tilt the window inward at the top for controlled ventilation, providing a refreshing breeze without compromising security. Alternatively, turn the handle to open the window fully inward like a traditional casement, allowing for maximum airflow and easy cleaning.

Crafted with precision, these windows are available in a variety of configurations, ensuring a customized solution for every need.

Tilt and turn windows are possible with the following systems: **Vis, Patmos, Milos, Gozo, Sicily, Santorini, Elba, and Rhodes.**



Casement Windows

Casement windows are hinged on one side and opens outward like a door. They open fully, creating a large opening that allows maximum airflow into the room. This makes them an excellent choice for areas where good ventilation is desired, such as kitchens and bathrooms.

When casement windows are open, they provide unobstructed views of the outdoors since there is no center rail or sash. When closed and properly sealed, they offer excellent energy efficiency. The sash presses against the frame, creating a tight seal that helps prevent drafts and minimizes heat transfer, contributing to energy savings.

The hook-shaped locks embedded in the frame provide a high level of security when the window is closed. The crank or lever mechanism used to open and close casement windows is easy to operate. This is particularly beneficial for individuals with limited mobility, as it requires minimal effort to control.

The clean lines and versatile design of casement windows add a touch of elegance to any architectural style. They come in various materials, such as vinyl and aluminum.

Casement windows are possible using the following systems: **Patmos, Milos, Gozo, Sicily, Santorini, Elba, and Rhodes.**



Sliding Windows

Discover the streamlined simplicity of Green Mainland's sliding windows, a modern solution that redefines the way you experience your surroundings. These windows boast a contemporary design, allowing for smooth horizontal operation that effortlessly opens up your space. The horizontal sliding mechanism not only adds a touch of modernity to your decor but also ensures a seamless and easy-to-use window solution. Whether in a residential or commercial setting, these windows are a versatile choice for maximizing ventilation and natural light.

Choose Green Mainland's sliding windows for an innovative and stylish window solution that brings a fresh perspective to your living or working space.

Sliding windows are possible in the following systems: **Ibiza, Ithaca, and Malta.**



Pivot Windows

Pivot windows pivot on a central axis, offering a unique and eye-catching design that sets them apart from traditional window styles. These windows not only make a striking architectural statement but also provide a practical solution for controlled ventilation. By rotating on a central pivot, these windows give you the flexibility to adapt ventilation to your preference.

Green Mainland's pivot windows are designed to bring a touch of modernity to your space, creating a focal point that complements both residential and commercial environments.

Pivot windows are possible in the following system: **Gozo**.





Crete Glass System

Products: Glass Entry Doors

Crete Glass System introduces a seamless "all-glass appearance." The offset of the glass allows the sash profiles to be visually hidden from exterior. The maximum guaranteed weight for the sash is 485 lbs. The frame, sash, and glazing joints are made with EPDM, a material that guarantees non-deformation due to the effect of ultraviolet rays. It allows a maximum glazing of 2" (50 mm)

Technical Specifications

Vertical Load Resistance and Static Torque: Class 4 (350N)

Features

Pedestrian door

Frame section: 2.5" (65 mm)

Blade section: 2.5" (65 mm)

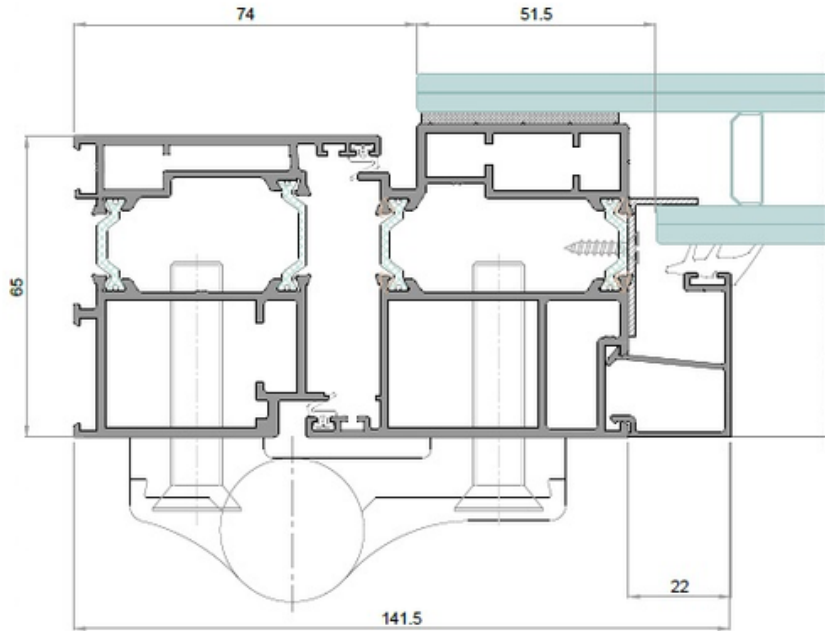
Thermal bridge break with:

0.8" (20 mm) and 0.9" (24 mm) polyamide in frames

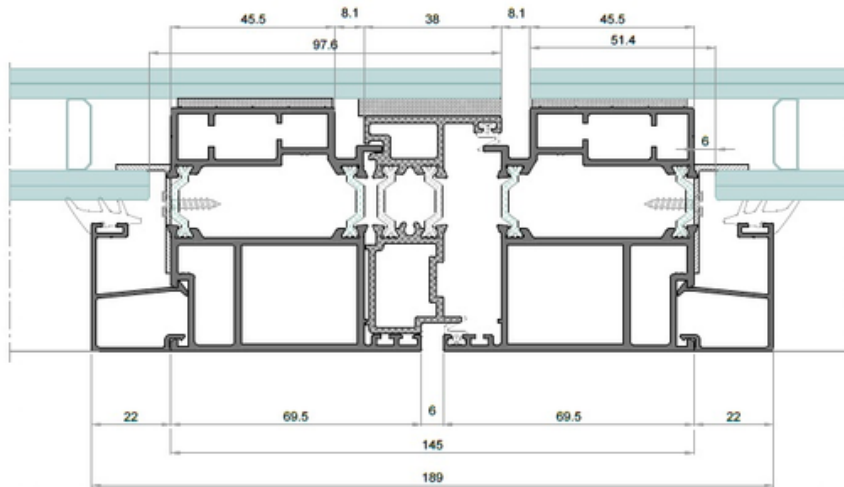
0.9" (24 mm) polyamide in sheets

Maximum weight per Leaf: 397 lbs (180 kg)

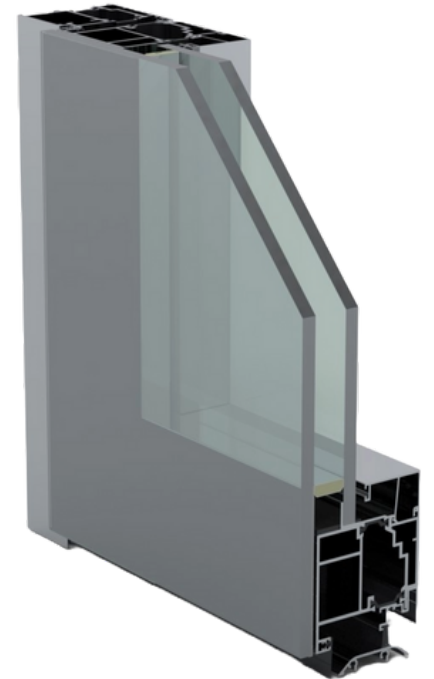
Maximum glazing up to 1.7" (43 mm)



Glass Lateral Section



Glass Side Section



Corfu System

Products: Glass Entry Doors, Pivot Doors

Coplanar pedestrian door is specially designed for commercial premises and access to buildings. The frame and sash profiles have a depth of 65 mm. This system allows for casement openings of one or two sashes, both inside and outside, as well as pivot, making it possible to create multiple compositions of doors and fixtures. It also supports the installation of home automation to regulate the opening.

Technical Specifications

Vertical Load Resistance and Static Torque: Class 4 (350N)

Thermal Transmission (Inside Opening): 2.5 W/m² K

Thermal Transmission (Outside Opening): 2.7 W/m² K

Features

Pedestrian door

Frame section: 2.5" (65 mm)

Blade section: 2.5" (65 mm)

Thermal bridge break with:

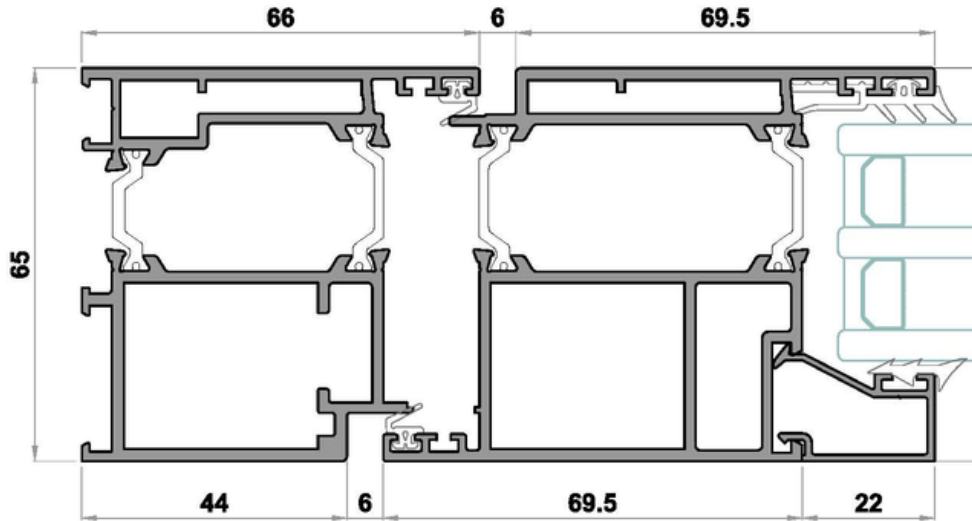
0.8" (20 mm) and 0.9" (24 mm) polyamide in frames

0.9" (24 mm) polyamide in sheets

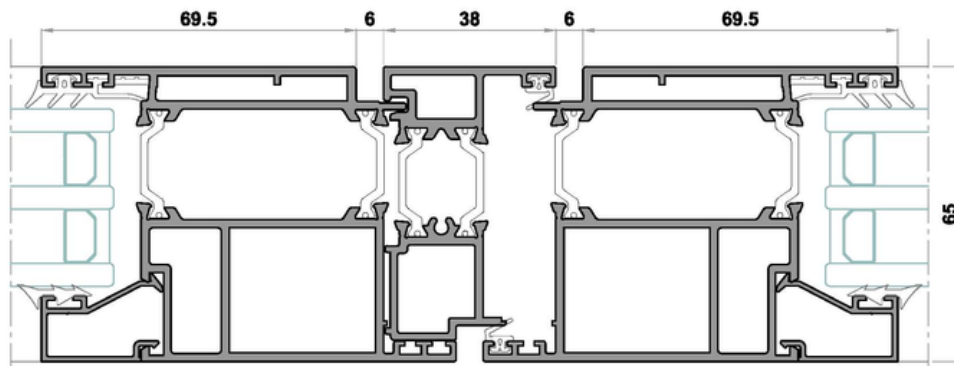
Maximum weight per Leaf:

396.8 lbs (180 kg)

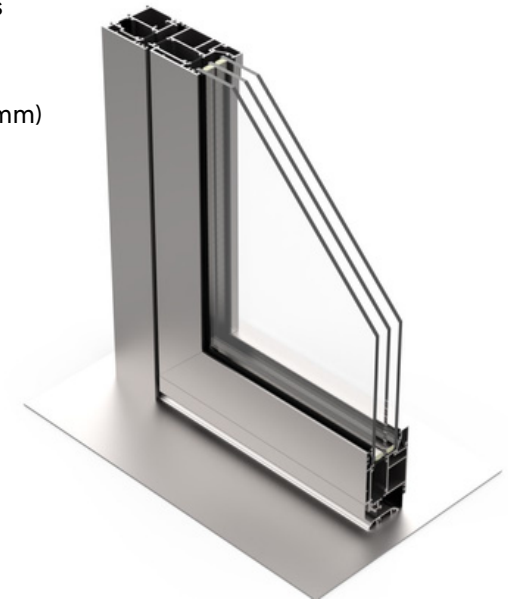
Maximum glazing up to 1.7" (43 mm)



Side Section



Central Section Opening 2 Leaves



Capri System

Products: Glass Entry Doors, Pivot Doors

French channel coplanar pedestrian door without a thermal break but with 53 mm deep profiles on both frame and sash. It supports the construction of single and double sash module in exterior, interior, and swing openings. It allows the incorporation of adjustable hinges on its three axes. The system has different types of locks with a 30 mm entrance and the option of built-in door closers or motorized automatic door closers.

Technical Specifications

Soft Body Impact Resistance: Class 5

Features

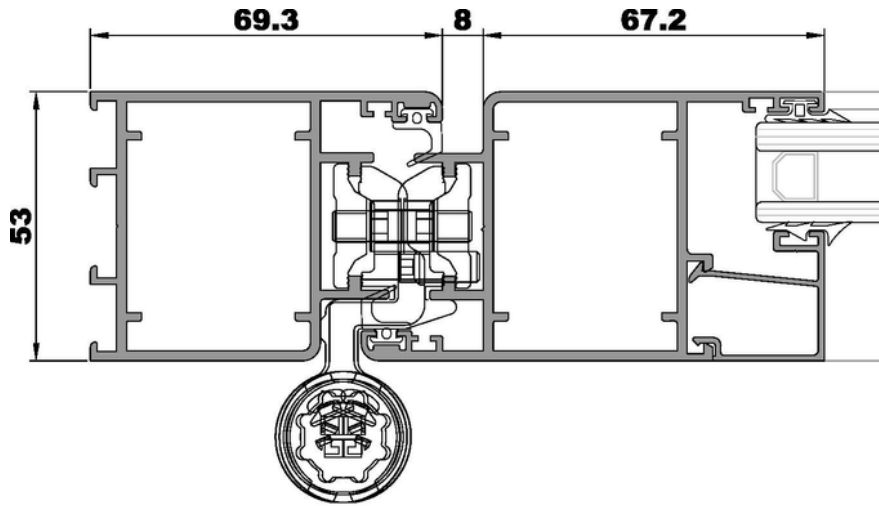
Pedestrian door without thermal bridge breakage

Frame section: 2" (53 mm)

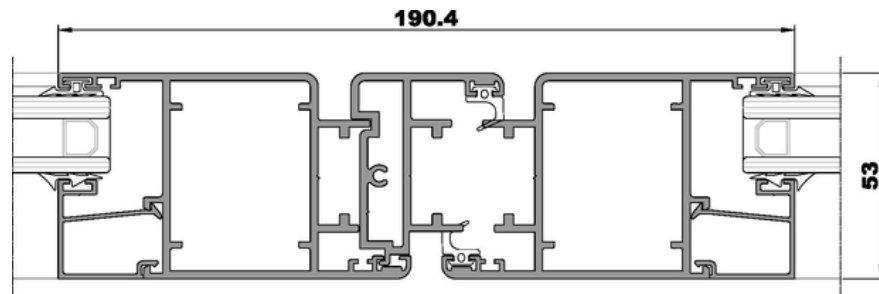
Blade section: 2" (53 mm)

Maximum weight per Leaf: 397 lbs (180 kg)

Maximum glazing up to 1.3" (32 mm)



Internal Opening Side Section



Internal Opening Central Section



Vis System

Products: French Doors, Fixed Windows, Tilt and Turn Windows

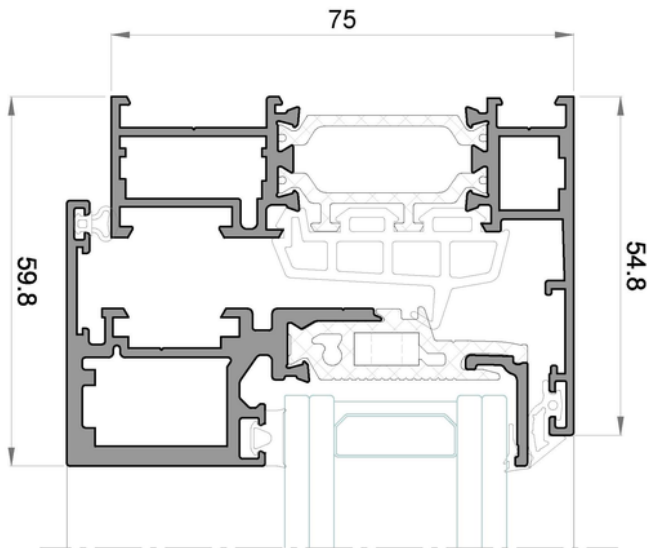
A hidden sash casement system of a 3" (75 mm) frame with a thermal break that offers ultra-thin profiles and improved energy-saving characteristics. Vis System is developed on two concepts: minimum profile seen and maximum performance. With elegant lines, the high thermal insulation that the thermal break offers, in combination with its excellent acoustic qualities, makes it perfect for renovations.

Technical Specifications

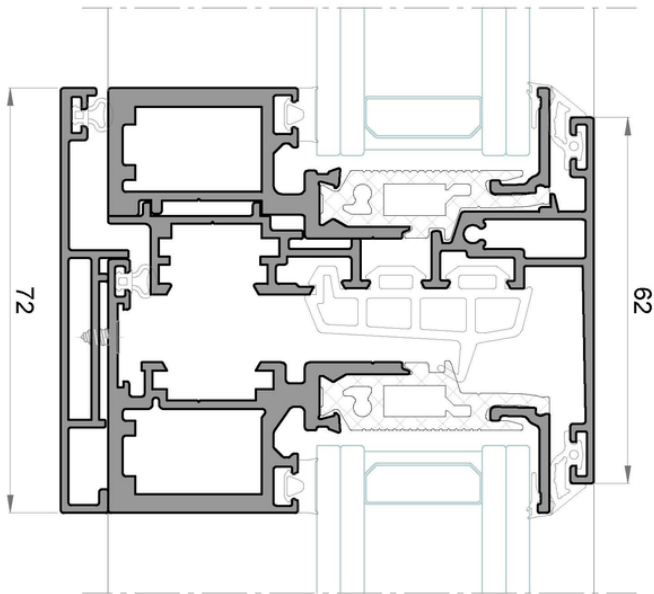
Air Permeability: Class 4
 Water Tightness: Class E1050
 Wind Resistance: Class C5
 Thermal Transmission ("Uw" Window): 1.5 W/m² K
 Thermal Transmission ("Uf" Frame): 1.8 W/m² K
 Acoustic Insulation: 38 (-1; -4) dB

Features

Practical carpentry with European chamber
 Frame section: 3" (75 mm)
 Blade section:
 Thermal bridge break with:
 1.3" (34 mm) polyamide in frames
 1.5" (39 mm) polyamide in sheets
 Maximum weight per leaf: 331 lbs (150 kg)
 Minimum measurements per sheet:
 18.5" (470 mm) in width
 25.6" (650 mm) and height
 Maximum measurements per sheet:
 59.1" (1500 mm) in width
 86.6" (2200 mm) and height
 Maximum glazing up to 2" (52 mm) in frames
 Maximum glazing up to 1.5" (38 mm) in sheets



Window Side Section



Central Section Window With Cover

75 Milos System

Products: French Doors, Fixed Windows, Tilt and Turn Windows, Casement Windows

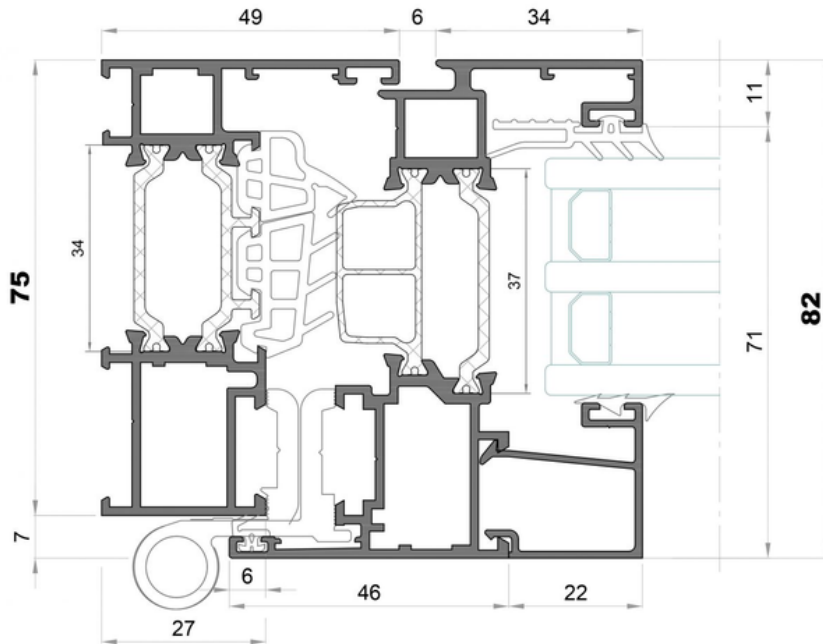
Casement system of a 3" (75 mm) frame with a robust design, great versatility, and high thermal insulation. It permits up to 2" (53 mm) of glass rebate, allowing large windows to be made.

Technical Specifications

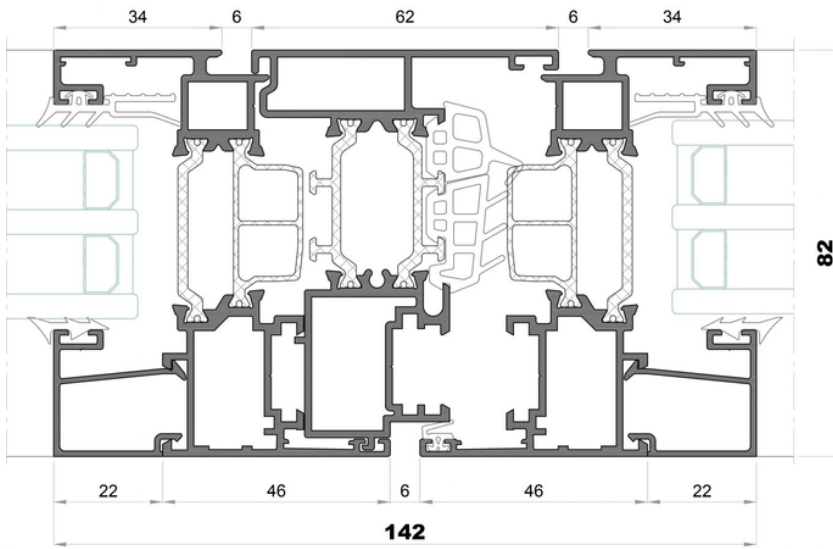
Air Permeability: Class 4
 Water Tightness: Class E3600
 Wind Resistance: Class C5
 Thermal Transmission ("Uw" Window): 0.9 W/m² K
 Thermal Transmission ("Uf" Frame): 1.2 W/m² K
 Acoustic Insulation: 44 (-1; -3) dB
 Burglar Resistance: RC2

Features

Practical carpentry with European chamber
 Frame section: 3" (75 mm)
 Blade section: 3.2" (82 mm)
 Thermal bridge break with:
 1.3" (34 mm) polyamide in frames
 1.5" (37 mm) polyamide in sheets
 Maximum weight per leaf: 265 lbs (120 kg)
 Minimum measurements per sheet:
 17.7" (450 mm) in width
 21.7" (550 mm) and height
 Maximum measurements per sheet:
 66.9" (1700 mm) in width
 98.4" (2500 mm) and height
 Maximum glazing up to 2" (53 mm)



Side Section



Central Cross Section

65 Gozo System

Products: French Doors, Fixed Windows, Tilt and Turn Windows, Casement Windows, Pivot Windows

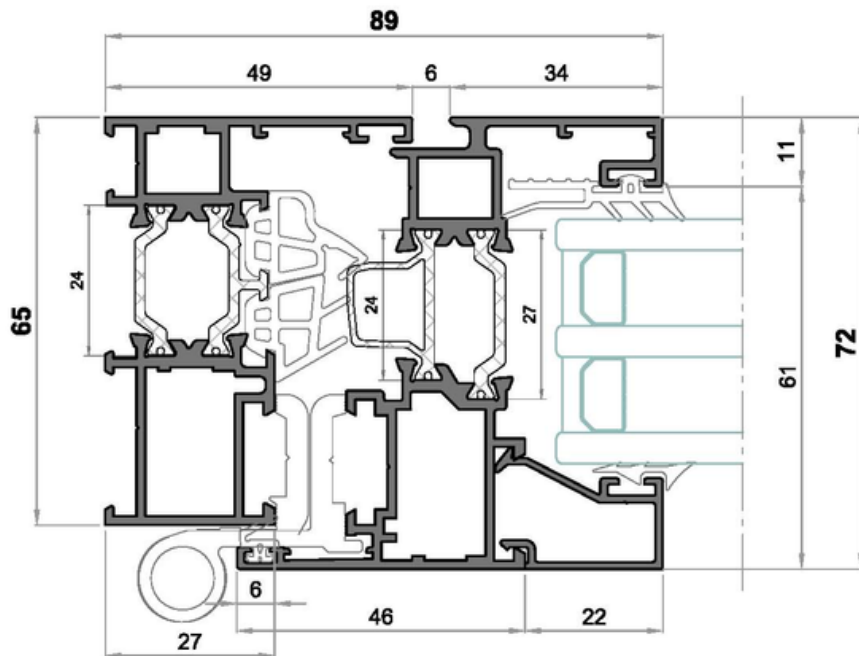
Casement system with a thermal break and a 2.6" (65 mm) frame. High thermal and acoustic insulation performances are combined in a 65 Gozo System, a profile of marked robustness.

Technical Specifications

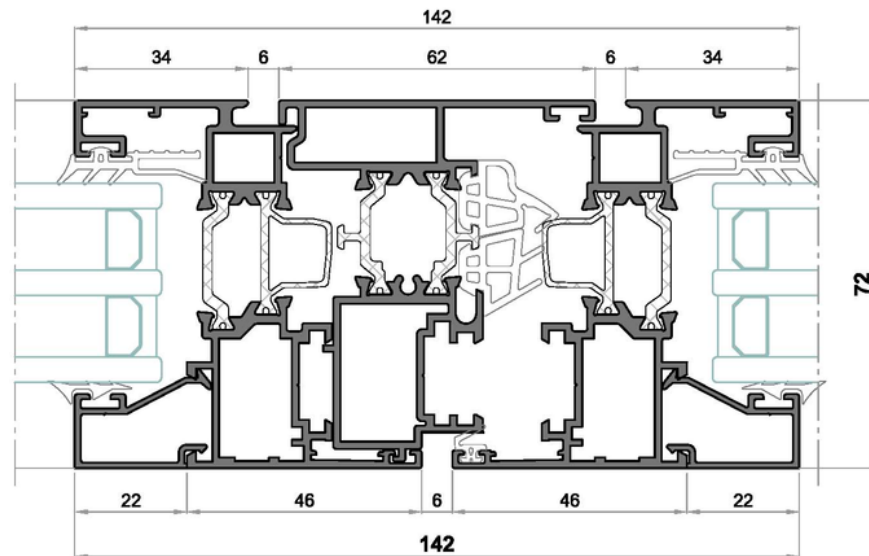
- Air Permeability: Class 4
- Water Tightness: Class E3300
- Wind Resistance: Class C5
- Thermal Transmission ("Uw" Window): 1.2 W/m² K
- Thermal Transmission ("Uf" Frame): 1.8 W/m² K
- Acoustic Insulation: 47 (-1; -4) dB
- Burglar Resistance: RC3

Features

- Practical carpentry with European chamber
- Frame section: 2.6" (65 mm)
- Blade section: 2.8" (72 mm)
- Thermal bridge break with:
 - 0.9" (24 mm) polyamide in frames
 - 1" (27 mm) polyamide in sheets
- Maximum weight per leaf: 265 lbs (120 kg)
- Minimum measurements per sheet:
 - 17.7" (450 mm) in width
 - 21.7" (550 mm) and alto
- Maximum measurements per sheet:
 - 66.9" (1700 mm) in width
 - 98.4" (2500 mm) and alto
- Maximum glazing up to 1.7" (43 mm)



Side Window Section



Central Window Section



83 Patmos System

Products: French Doors, Fixed Windows, Tilt and Turn Windows, Casement Windows

Practicable casement system manufactured with a 3" (85 mm) frame and a window sash (4" (92 mm) front view), thus reducing the visual impact of aluminum. This allows a cleaner and more expansive view with excellent technical sealing and thermal characteristics that are ideal for low energy consumption buildings. 83 Patmos System is certified by Passive House Institute.

Technical Specifications

Air Permeability: Class 4

Water Tightness: Class E2700

Wind Resistance: Class C5

Thermal Transmission ("Uw" Window): 0.8 W/m² K

Thermal Transmission ("Uf" Frame): 1 W/m² K

Acoustic Insulation: 46 (-1; -4) dB

Features

Practical carpentry with European chamber

Frame section: 3.3" (83 mm)

Blade section: 3.5" (90 mm)

Thermal bridge break with:

1.7" (42 mm) polyamide in frames

1.8" (45 mm) polyamide in sheets

Maximum weight per leaf: 265 lbs (120 kg)

Minimum measurements per sheet:

17.7" (450 mm) in width

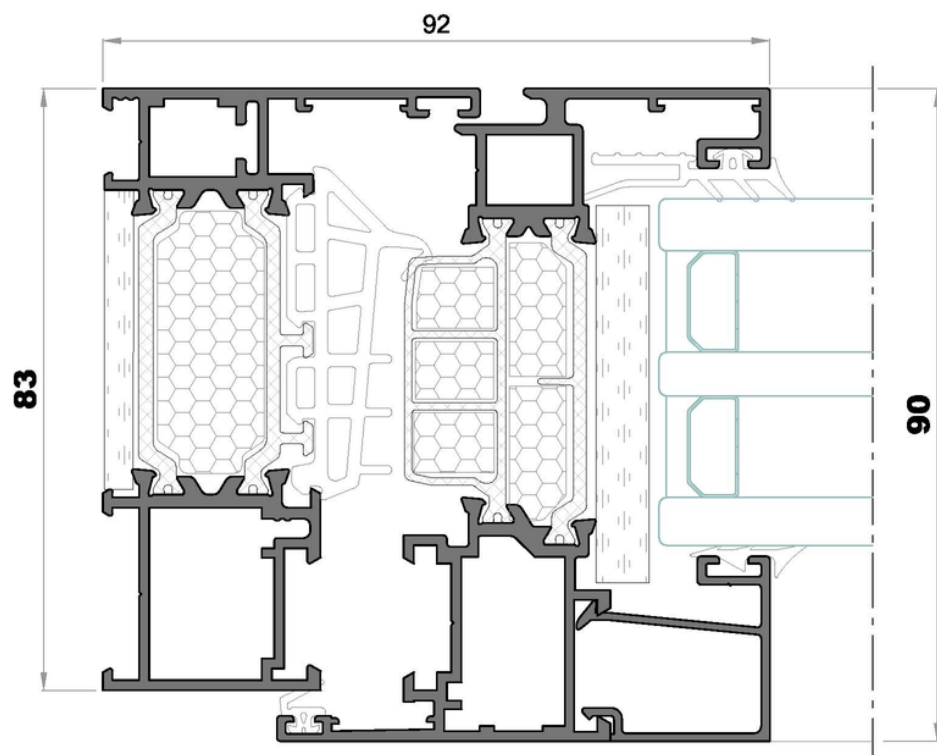
21.7" (550 mm) and height

Maximum measurements per sheet:

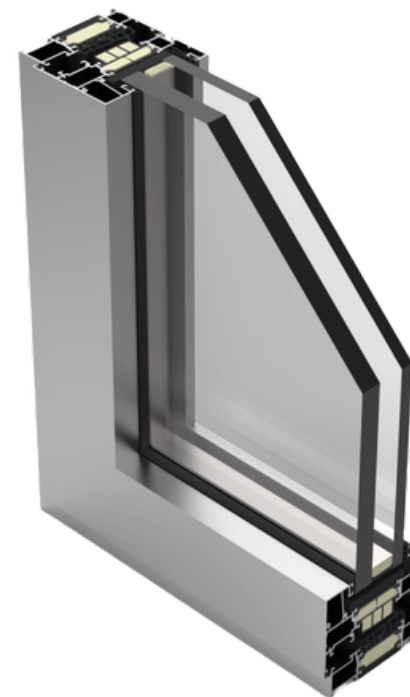
66.9" (1700 mm) in width

98.4" (2500 mm) and height

Maximum glazing up to 2.4" (61 mm)



Lateral Cross Section



55 Sicily System

Products: French Doors, Fixed Windows, Tilt and Turn Windows, Casement Windows

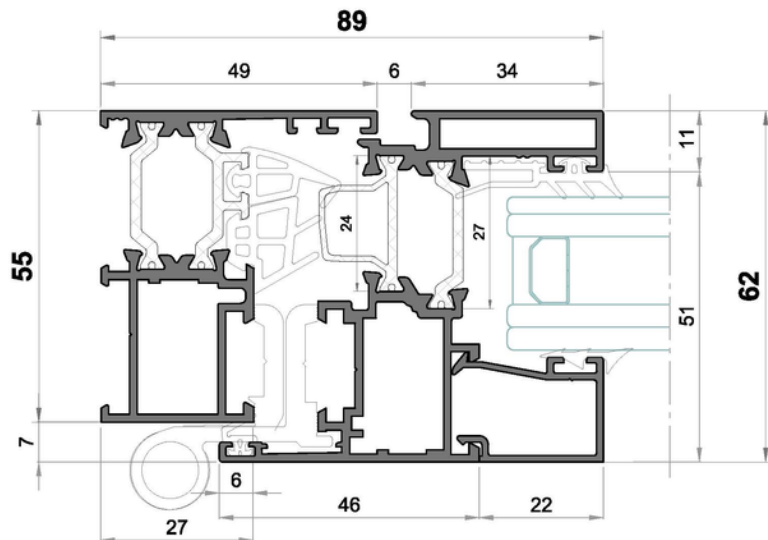
Hidden hinge casement system of a 55 mm frame with a thermal break. Micrometric adjustments can be made, guaranteeing a maximum load capacity per tilt-and-turn sash of 331 lbs (150 kg).

Technical Specifications

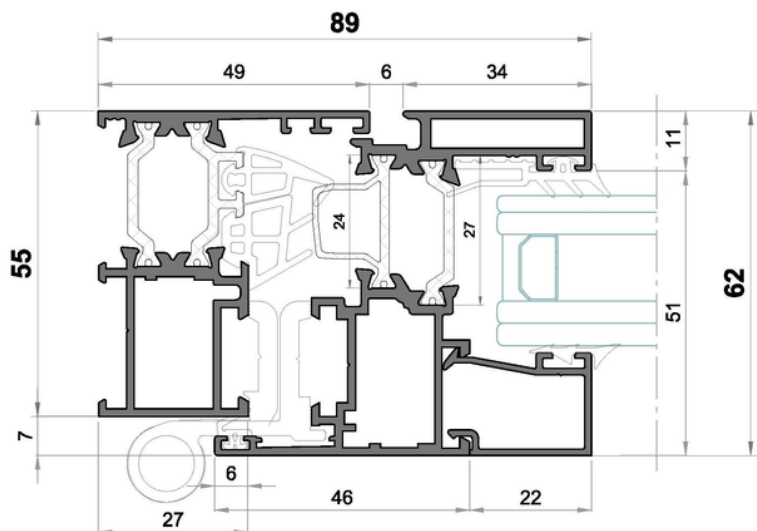
Air Permeability: Class 4
 Water Tightness: Class E2100
 Wind Resistance: Class C5
 Thermal Transmission ("Uw" Window): 1.3 W/m² K
 Thermal Transmission ("Uf" Frame): 1.8 W/m² K
 Acoustic Insulation: 45 (-1; -4) dB

Features

Practical carpentry with European chamber
 Frame section: 2.2" (55 mm)
 Blade section: 2.4" (62 mm)
 Thermal bridge break with:
 1" (26 mm) polyamide in frames
 0.9" (24 mm) and 1" (26 mm) polyamide in sheets
 Maximum weight per leaf: 265 lbs (120 kg)
 Minimum measurements per sheet:
 17.7" (450 mm) in width
 21.7" (550 mm) and alto
 Maximum measurements per sheet:
 66.9" (1700 mm) in width
 98.4" (2500 mm) and alto
 Maximum glazing up to 1.3" (33 mm)



Window Side Section



Side Section

Santorini 50 RPT System

Products: Glass Entry Doors

Crete Glass System introduces a seamless "all-glass appearance." The offset of the glass allows the sash profiles to be visually hidden from exterior. The maximum guaranteed weight for the sash is 485 lbs. The frame, sash, and glazing joints are made with EPDM, a material that guarantees non-deformation due to the effect of ultraviolet rays. It allows a maximum glazing of 2" (50 mm).

Technical Specifications

Vertical Load Resistance and Static Torque: Class 4 (350N)

Features

Practical carpentry with European chamber

Frame section: 1.7" (43 mm)

Blade section: 2" (50 mm)

Thermal bridge break with:

0.6" (14.8 mm) polyamide in frames

0.6" (14.8 mm) polyamide in sheets

Maximum weight per leaf: 265 lbs (120 kg)

Minimum measurements per sheet:

17.7" (450 mm) in width

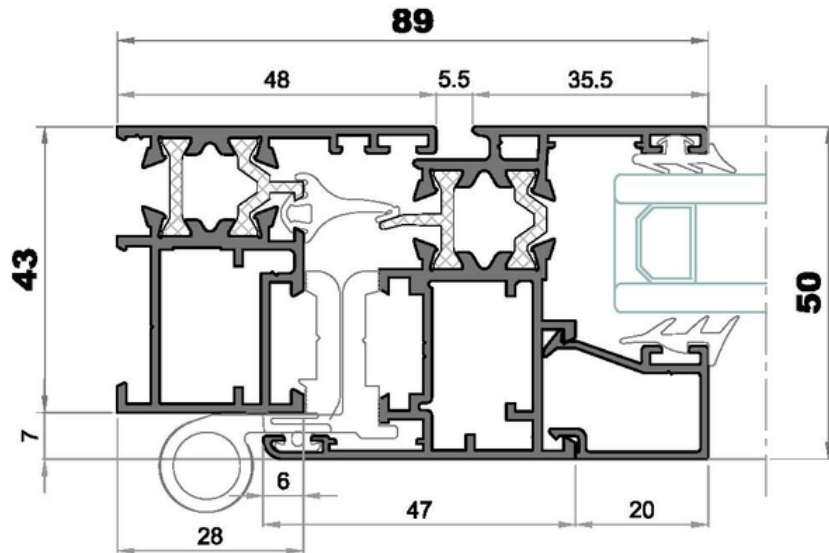
21.7" (550 mm) in height

Maximum measurements per sheet:

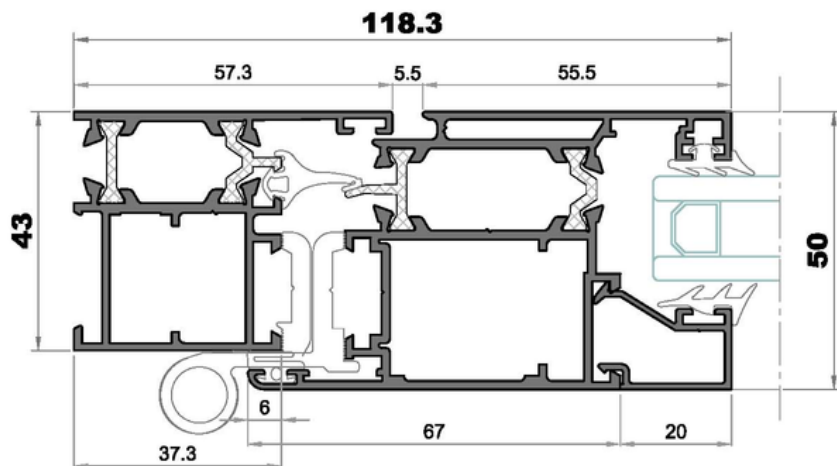
66.9" (2800 mm) in height

Maximum glazing up to 1.1" (29 mm) in frames

Maximum glazing up to 1.4" (36 mm) in sheets



Side Window Section



Balcony Side Section



Ibiza System

Products: Sliding Doors, Sliding Windows

A high-end aluminum system with a thermal break and innate rolling system with multiple bearings integrated in the lower frame, allowing the smooth movement of heavy sashes. Its minimal design stands out with a central sash profile of just 1" (29 mm). The frame allows one to install 1-3 or more sashes. The sashes can take a weight of up to 882 lbs, which can be extended up to 1,764 lbs if motorized.

Technical Specifications

Air Permeability: Class 3

Water Tightness: Class 7A

Wind Resistance: Class C5

Thermal Transmission ("Uw" Window): 1.5 W/m² K

Thermal Transmission ("Uf" Frame): 3.6 W/m² K

Features

Minimalist sliding carpentry

Frame section: 6.1" (156 mm)

Side sheet section: 2.3" (59 mm) x 2" (52 mm)

Thermal bridge break with:

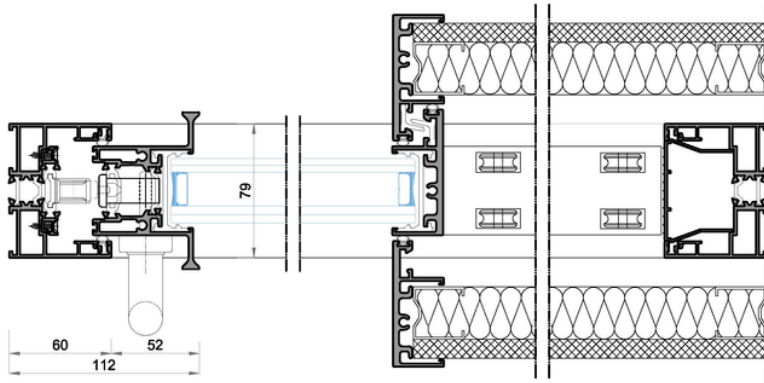
0.7" (18 mm) polyamide in frames

1.1" (28 mm) polyamide in sheets

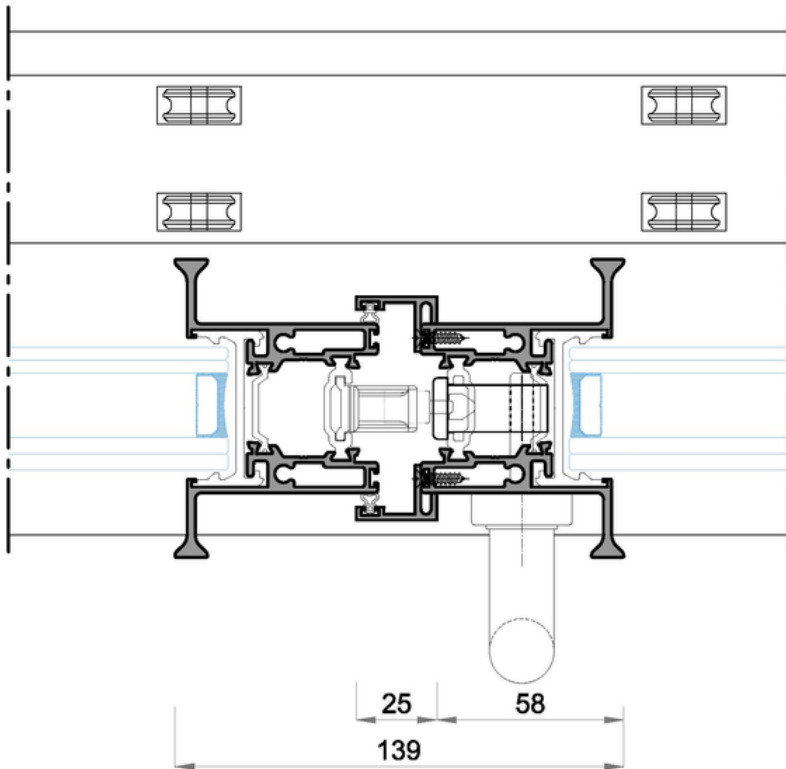
Manual opening with a recommended weight per leaf up to 882 lbs (400 kg)

Motorized opening with a maximum weight per leaf up to 1,764 lbs (800 kg)

Maximum glazing up to 1.5" (38 mm)



Built-In Monorail



Central Cross Section 4 Leaves



Ithaca System

Products: Sliding Doors, Sliding Windows

Minimal sliding system of 65/75 mm frame with a thermal break. Enclosure with a sliding opening in which the aluminum profiles are developed to reduce the front side measurements, making the glass more prominent. A much cleaner exterior view is achieved without compromising the technical characteristics of the enclosure.

Technical Specifications

Air Permeability: Class 3

Water Tightness: Class 5A

Wind Resistance: Class C3

Thermal Transmission ("Uw" Window): 1.6 W/m² K

Thermal Transmission ("Uf" Frame (Q-Ion)): 2.8 W/m² K

Thermal Transmission ("Uf" Frame (Tri-Fim)): 2.9 W/m² K

Acoustic Insulation: 34 dB

Features

Sliding carpentry

Frame section 2 rails:

2.6" (65 mm) or 3" (75 mm)

Perimeter sheet section:

1.4" (35 mm) x 2.8" (70 mm)

Minimalist blade section:

1.2" (29.5mm) x 1.9" (48 mm)

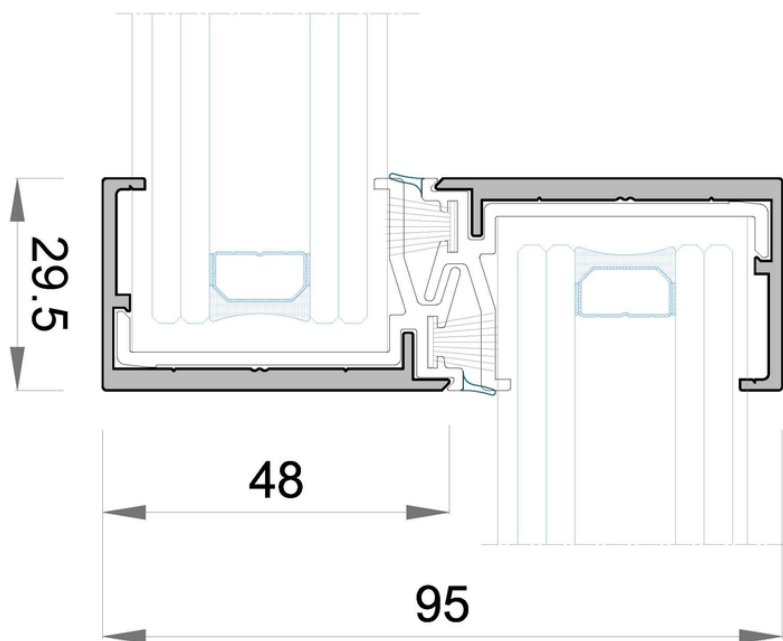
Thermal bridge break with:

1.2" (30 mm) polyamide in frames

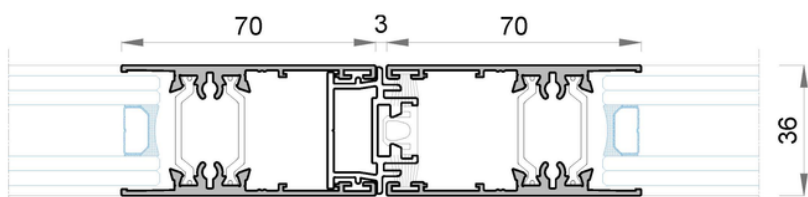
1.2" (30 mm) polyamide in sheets

Maximum weight per Leaf: 441 lbs (200 kg)

Maximum glazing up to 1.1" (28 mm)



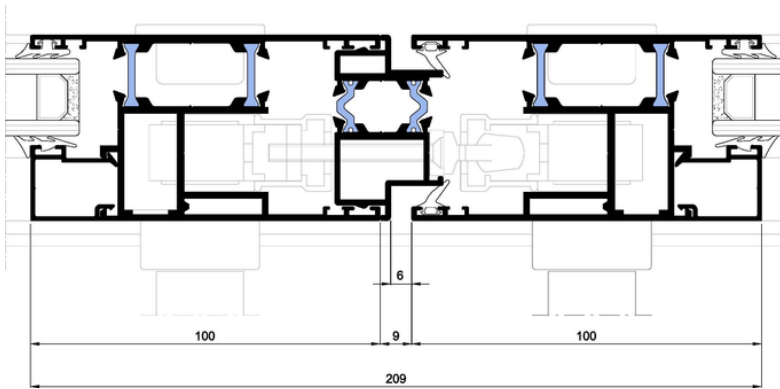
Cross Section



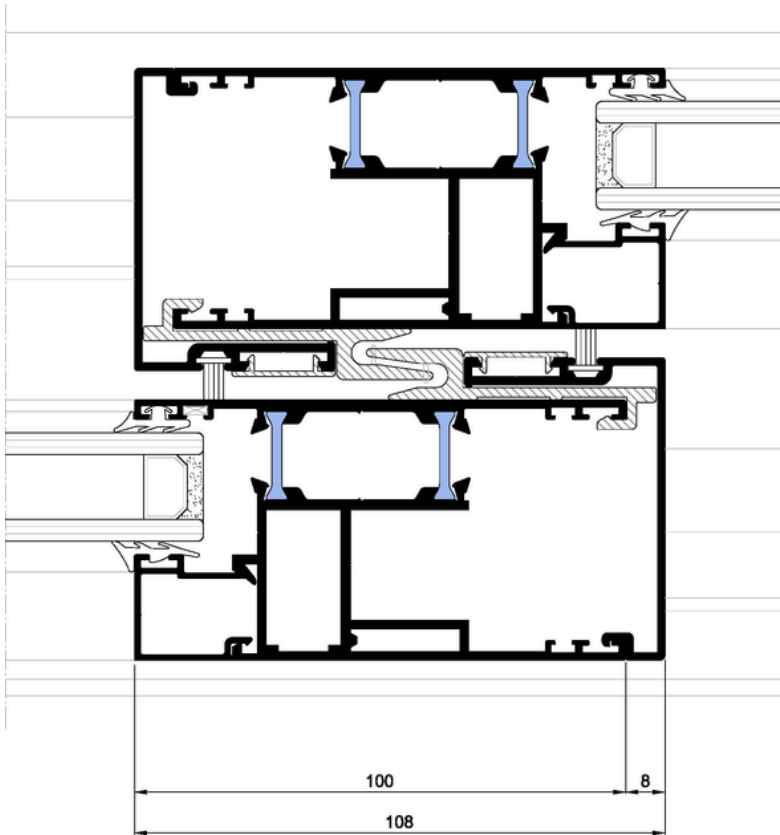
Central Cross Section 4 Leaves



Malta 135 RPT System



Central Cross Section 4 Leaves



Cross Section of Leaves

Products: Sliding Doors, Sliding Windows

Minimal tilt and slide system of 135 mm frame with a thermal break. Specially designed to cover large dimensions. The system allows dimensions of more than 9' 84" (3 meters) of sash. Thanks to its special fittings, it achieves a hermetic perimeter gasket on sash through sealing joints.

Technical Specifications

Air Permeability: Class 4

Water Tightness: Class 7A

Wind Resistance: Class C5

Thermal Transmission: $1.8 \text{ W/m}^2 \text{ K}$

Thermal Transmission: $5.3 \text{ W/m}^2 \text{ K}$

Acoustic Insulation: 32 dB

Features

Elevating sliding carpentry

Frame section: 5.3" (135 mm)

Side sheet section: 2" (53 mm) x 3.9" (100 mm)

Thermal bridge break with:

0.8" (20 mm) and 0.98" (24.8 mm)

polyamide in frames

0.7" (18 mm) polyamide in sheets

Maximum weight per

in-line sliding leaf: 441 lbs (200 kg)

Maximum weight per

lifting leaf: 882 lbs (400 kg)

Maximum glazing up to 1.6" (40 mm)



Menorca System

Products: Bifold Doors

A folding door system made up of profiles with a thermal break 3" (77 mm) deep in both frame and sash. It allows maximum versatility in the creation of any folding enclosure solution thanks to a system of hinges between sashes and wheels that circulate along the axis of the lower rail, allowing configuration of 2 to 10 sashes.

Wide range of profiles, which facilitate the composition of different designs as well as multiple possibilities in their implementation. Solution for the underpass with a built-in frame with a projection of only 3.5 mm, facilitating accessibility and transit between communicating rooms. The different closing options and key locks guarantee total security of the enclosure.

Technical Specifications

Air Permeability: 1.2 W/m² K

Thermal Transmission (Lateral "Uf" Frame): 2.8 W/m² K

Thermal Transmission (Central "Uf" Frame): 2.6 W/m² K

Features

Folding carpentry with Thermal Bridge Break

Frame section: 3" (77 mm)

Blade section: 3" (77 mm)

Thermal bridge break with:

0.8" (22 mm) and 0.94" (24 mm) polyamide in frames

1.3" (32 mm) polyamide in sheets

Double EPDM gasket system between sheets

Maximum weight per leaf:

265 lbs (120 kg)

Minimum measurements per sheet:

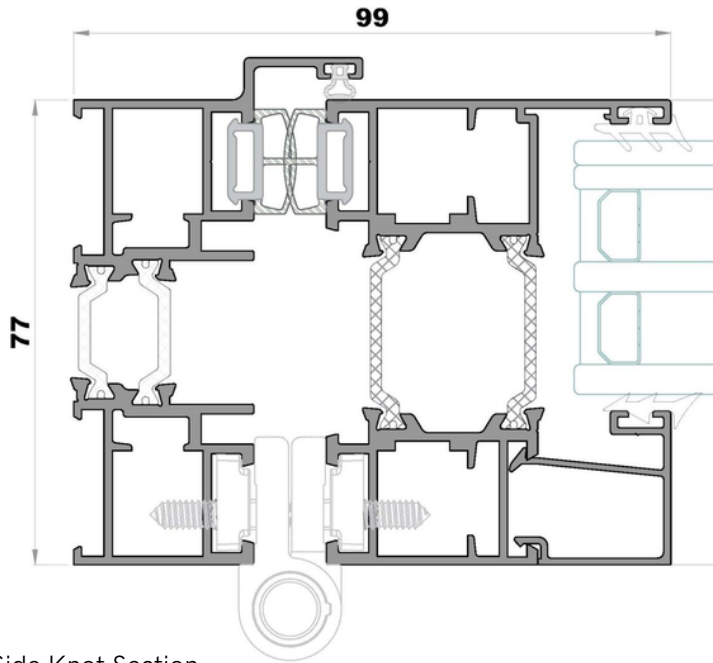
23.6" (600 mm) in width

Maximum measurements per sheet:

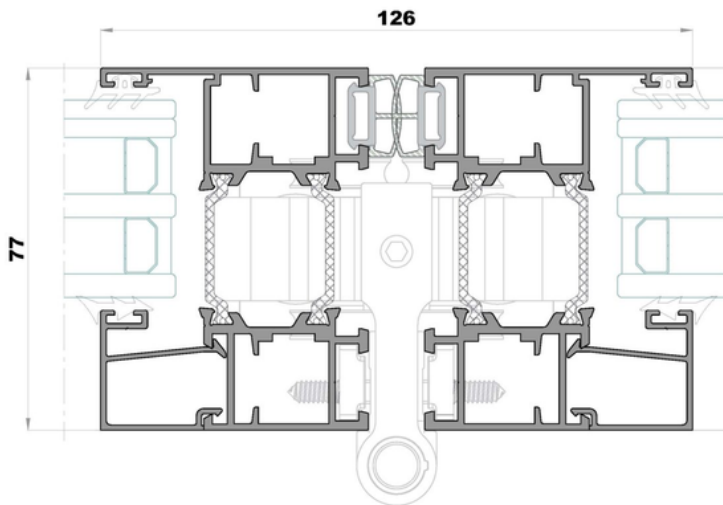
47.2" (1200 mm) in width

137.8" (3500 mm) in height

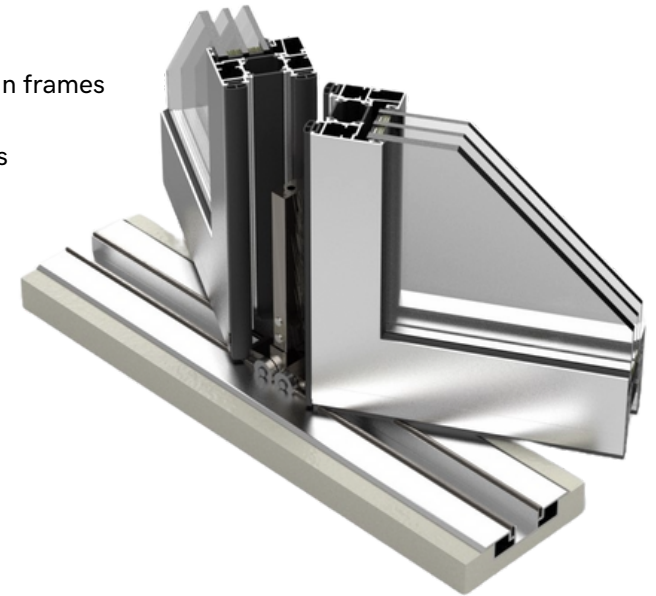
Maximum glazing up to 2.2" (56 mm)



Side Knot Section



Upper Carriage Knot Section



Elba System

Products: French Doors, Fixed Windows, Tilt and Turn Windows, Casement Windows

With millions of units already installed, Elba System impresses with incredible, tried-and-tested stability and a wide range of designs.

Technical Specifications

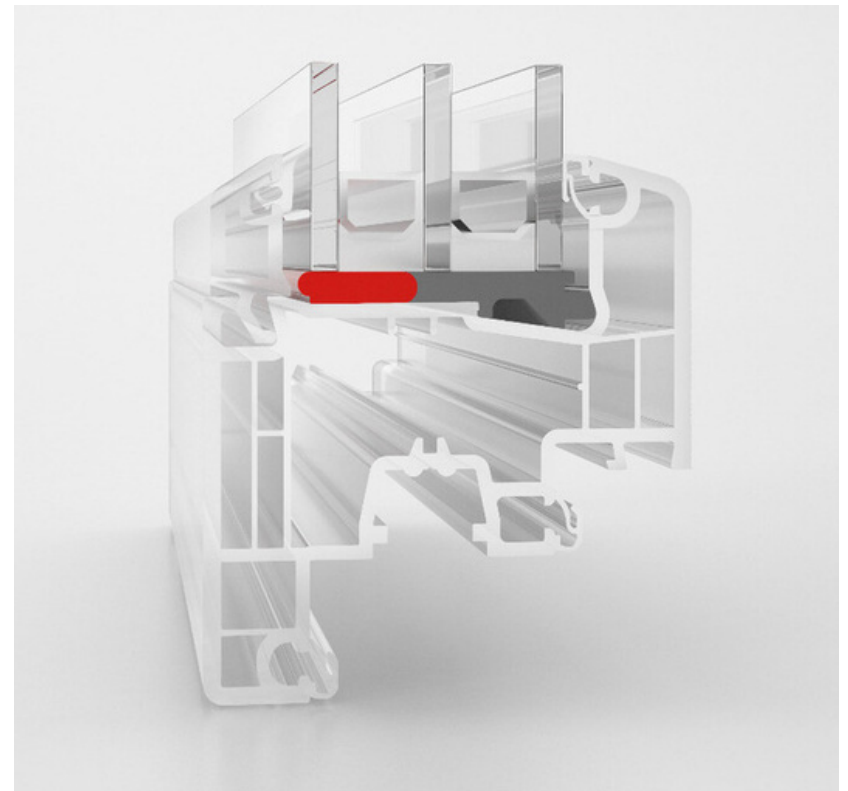
70 mm Construction Depth

Thermal Transmission (Uf): 1.3 W/m² K

Thermal Transmission (Uw): 0.99 W/m² K

Acoustic Insulation: 45 dB

Burglary Protection: RC2



Rhodes System

Products: French Doors, Fixed Windows, Tilt and Turn Windows, Casement Windows

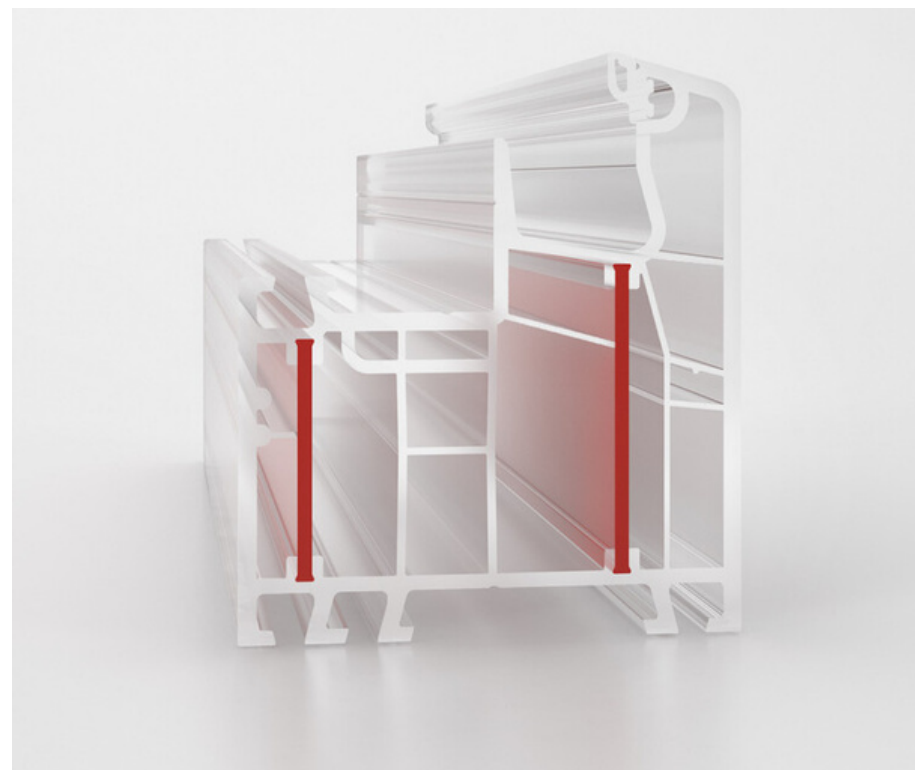
Backstop gasket system with 70 mm construction depth. Rhodes System impresses with outstanding heat insulation and slim profile views that let more light into your room. All versions and construction depths in this range record impressive insulation figures, helping actively reduce carbon dioxide, cut heating costs, and, as a result, protect the environment. It's recyclable and can be fed back completely into the material cycle.

Technical Specifications

Thermal Transmission ("Uf" Frame): 1.2 W/m² K

Acoustic Insulation: 45 dB

Burglar Resistance: RC2



Categories Received at the Test Center

The following test results have been extracted from the tests and numerical calculations carried out by official laboratories and/or by our technical department, respecting current regulations. The thermal transmittance values shown in the "Thermal transmittance" column have been calculated with different glasses, depending on the gap allowed by each specific series.

Ibiza System				
Thermal Transmittance	Acoustic Insulation	Air Permeability	Water Tightness	Wind Resistance
Ithaca System				
Thermal Transmittance	Acoustic Insulation	Air Permeability	Water Tightness	Wind Resistance
Malta System				
Thermal Transmittance	Acoustic Insulation	Air Permeability	Water Tightness	Wind Resistance
Patmos System				
Thermal Transmittance	Acoustic Insulation	Air Permeability	Water Tightness	Wind Resistance
Milos System				
Thermal Transmittance	Acoustic Insulation	Air Permeability	Water Tightness	Wind Resistance
Gozo System				
Thermal Transmittance	Acoustic Insulation	Air Permeability	Water Tightness	Wind Resistance
Sicily System				
Thermal Transmittance	Acoustic Insulation	Air Permeability	Water Tightness	Wind Resistance

Features

Energy Efficiency

Our aluminum windows and doors are designed with advanced thermal insulation properties, ensuring superior energy efficiency in all seasons. The durable construction and weather-resistant features of aluminum frames help to minimize heat transfer, reducing the need for excessive heating or cooling and ultimately lowering energy bills.

Security

With robust frames and high-quality locking mechanisms, our aluminum windows and doors offer exceptional security for your home. Engineered for strength and durability, they provide peace of mind against intruders, safeguarding your family and belongings.

Soundproofing

Experience tranquility and comfort with our soundproof aluminum windows and doors. Engineered to reduce noise transmission, they create a quiet and peaceful indoor environment, shielding you from external disturbances and ensuring a restful living space.



Customization Options

Explore our wide range of customization options to personalize your windows and doors according to your unique style and preferences. Choose from a spectrum of vibrant colors to complement your home's aesthetic, from classic neutrals to bold statement hues.

Please note that while we showcase a selection of colors in our catalog, the possibilities extend far beyond. Our comprehensive range includes an array of shades and finishes, ensuring there's a perfect match for every vision and style.

What sets our customization apart is the opportunity to choose not just one, but two distinct colors – one for the interior and another for the exterior portions of your windows and doors. This dual-color feature allows you to tailor the aesthetic both inside and out, ensuring a cohesive look that enhances the beauty of your home from every angle.

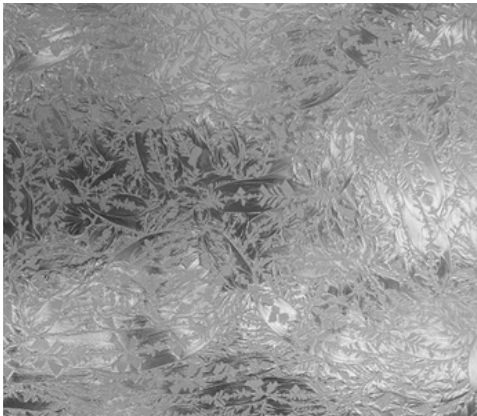
RAL 1000	RAL 1001	RAL 1002	RAL 1003	RAL 1004	RAL 1005	RAL 1006	RAL 1007	RAL 1011	RAL 1012	RAL 1013	RAL 1014	RAL 1015	RAL 1016	RAL 1017	RAL 1018
RAL 1019	RAL 1020	RAL 1021	RAL 1023	RAL 1024	RAL 1027	RAL 1028	RAL 1032	RAL 1033	RAL 1034	RAL 1037	RAL 2000	RAL 2001	RAL 2002	RAL 2003	RAL 2004
RAL 2008	RAL 2009	RAL 2010	RAL 2011	RAL 2012	RAL 3000	RAL 3001	RAL 3002	RAL 3003	RAL 3004	RAL 3005	RAL 3007	RAL 3009	RAL 3011	RAL 3012	RAL 3013
RAL 3014	RAL 3015	RAL 3016	RAL 3017	RAL 3018	RAL 3020	RAL 3022	RAL 3027	RAL 3031	RAL 4001	RAL 4002	RAL 4003	RAL 4004	RAL 4005	RAL 4006	RAL 4007
RAL 4008	RAL 4009	RAL 4010	RAL 5000	RAL 5001	RAL 5002	RAL 5003	RAL 5004	RAL 5005	RAL 5007	RAL 5008	RAL 5009	RAL 5010	RAL 5011	RAL 5012	RAL 5013
RAL 5014	RAL 5015	RAL 5017	RAL 5018	RAL 5019	RAL 5020	RAL 5021	RAL 5022	RAL 5023	RAL 5024	RAL 6000	RAL 6001	RAL 6002	RAL 6003	RAL 6004	RAL 6005
RAL 6006	RAL 6007	RAL 6008	RAL 6009	RAL 6010	RAL 6011	RAL 6012	RAL 6013	RAL 6014	RAL 6015	RAL 6016	RAL 6017	RAL 6018	RAL 6019	RAL 6020	RAL 6021
RAL 6022	RAL 6024	RAL 6025	RAL 6026	RAL 6027	RAL 6028	RAL 6029	RAL 6032	RAL 6033	RAL 6034	RAL 7000	RAL 7001	RAL 7002	RAL 7003	RAL 7004	RAL 7005
RAL 7006	RAL 7008	RAL 7009	RAL 7010	RAL 7011	RAL 7012	RAL 7013	RAL 7015	RAL 7016	RAL 7021	RAL 7022	RAL 7023	RAL 7024	RAL 7026	RAL 7030	RAL 7031
RAL 7032	RAL 7033	RAL 7034	RAL 7035	RAL 7036	RAL 7037	RAL 7038	RAL 7039	RAL 7040	RAL 7042	RAL 7043	RAL 7044	RAL 7045	RAL 7046	RAL 7047	RAL 8000
RAL 8001	RAL 8002	RAL 8003	RAL 8004	RAL 8007	RAL 8008	RAL 8011	RAL 8012	RAL 8014	RAL 8015	RAL 8016	RAL 8017	RAL 8019	RAL 8022	RAL 8023	RAL 8024

Whether you prefer sleek and modern or timeless and traditional, we have the perfect handle options to suit your taste.

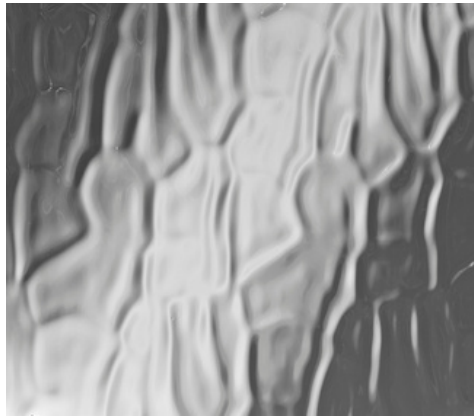


Patterned Glass

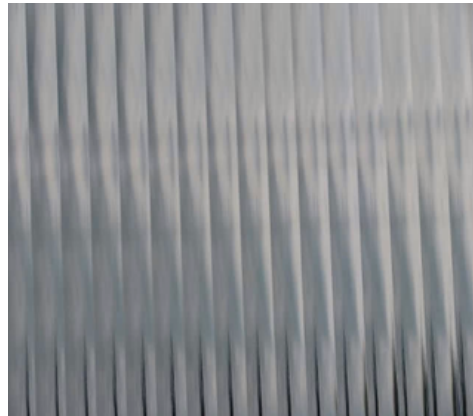
Glue Chip



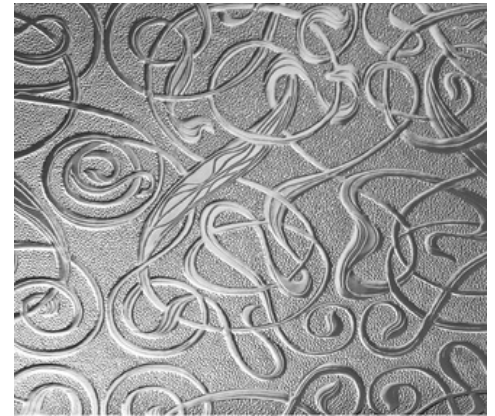
Flemish



Reeded



Everglade



Sycamore



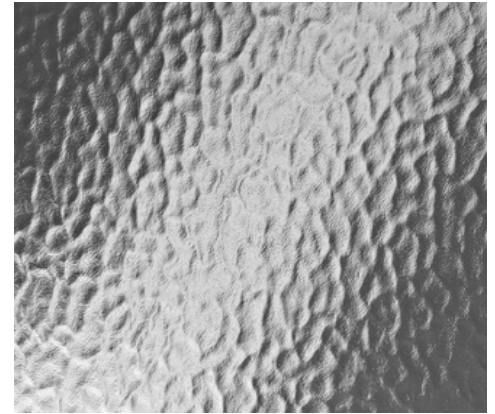
Stippolyte



Taffeta



Minster





Green Mainland
Signature Windows and Doors

903 776 4663
@greenmainland
contact@greenmainland.com
www.greenmainland.com

2158 W Northwest Hwy Suite 407, Dallas, TX 7522