



GREEN MAINLAND

PRODUCT CATALOG

NEW ARRIVAL



DOORS AND WINDOWS SYSTEM CUSTOMIZATION

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ALUMINUM
WINDOW SERIES





115 Aluminum Casement Window Specification

	U-Value	1.24 W/ m²·K 0.218 BTU/h·ft²·°F
	Air Leakage	Class AW According to AAMA/WDMA/CSA 101
	Water Tightness	Class AW According to AAMA/WDMA/CSA 101
	Wind Resistance	Class AW According to AAMA/WDMA/CSA 101
	Sound Insulation	40dB
	Aluminum Profile & Thickness	6063-T5 Aluminum 1/16" (2.0mm)
	Standard Glass Configuration	3/16" + 13/16" Ar+3/16" (5mm+20Ar+5mm) Clear Glass
	System Basic Depth	Frame: 4 1/2" (115mm) Swing Glass Panel: 2 13/16" (72mm)
	Profile Face Width	Glass Frame: 1 3/16" (30mm) Screen Frame: 1 7/8" (48mm)
	Suggested Size <small>(Swing Panel)</small>	Height: 19 11/16" ~ 59 1/16" (500 - 1500mm) Width: 19 11/16" ~ 29 1/2" (500 - 750mm)
	Security	Multi-point lock
	Colors	PVDF Black / White / Gray or Custom Colors





HIGH STANDARD EQUIPMENT

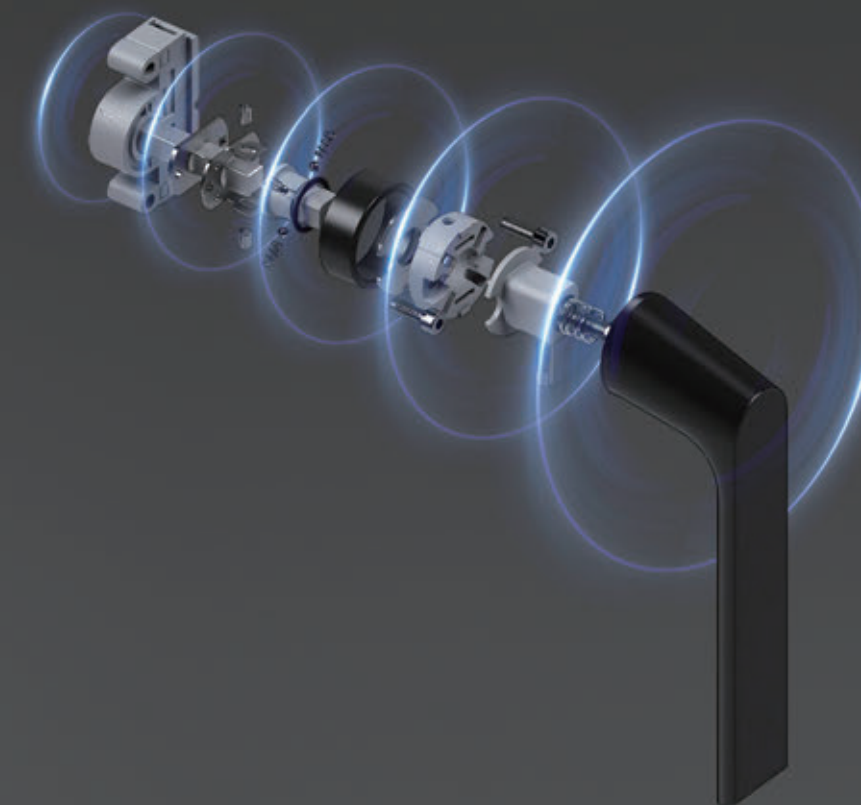
All our aluminum windows offer individual designs, benefitting from high performance, security, and build quality with following standard specification:

- 1** Minimalist design handle convey a polished modern presence in the space.
- 2** EPDM tape utilizes the theory of pressure balance to realize dry-type sealing with excellent performance of heat insulation, winter protection and sound insulation
- 3** Seamless transition from inside to outside is achieved by the unique oblique design.
- 4** Slimline high light transmission screen to prevent insects without blocking the view.
- 5** Multi-point lock system and fall protection system
- 6** Strength bearing hinge. Load capacity up to 150kg.

MINIMALIST HARDWARES

The handle has a unique surface treatment and comes with variety of color options. With so many different colors option it can seamlessly fit into any home with a different design. Providing a more holistic view of the house.

The handle operates smoothly and quietly, without squeaky sounds when opening and closing the door offering an enjoyable living environment of quiet and comfort.

















90 Aluminum Tilt & Turn Window Specification

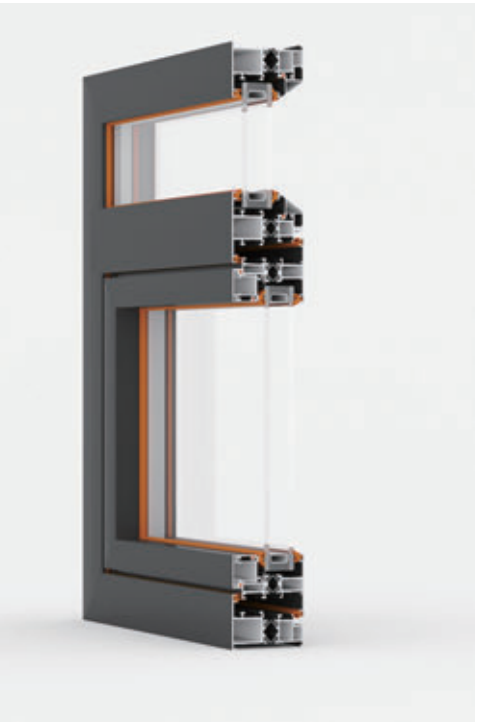
	U-Value	1.24 W/ m²·K 0.218 BTU/h·ft²·°F
	Air Leakage	Class AW According to AAMA/WDMA/CSA 101
	Water Tightness	Class AW According to AAMA/WDMA/CSA 101
	Wind Resistance	Class AW According to AAMA/WDMA/CSA 101
	Sound Insulation	40dB
	Aluminum Profile & Thickness	6063-T5 Aluminum 1/16" (2.0mm)
	Standard Glass Configuration	3/16"+ 13/16"Ar+3/16" (5mm+20Ar+5mm) Clear Glass
	System Basic Depth	Frame: 3 9/16" (90mm) Swing Glass Panel: 3 9/16" (90mm)
	Profile Face Width	Frame: 2 1/4" (58mm) Swing Frame: 2 3/8" (60mm)
	Suggested Size <small>(Swing Panel)</small>	Height: 19 11/16" - 78 3/4" (500 - 2000mm) Width: 19 11/16" - 29 1/2" (500 - 750mm)
	Security	Multi-point lock
	Colors	PVDF Black / White / Gray or Custom Colors





72 Aluminum Casement Window Specification

	U-Value	1.4 W/ m²·K 0.246 BTU/h·ft²·°F
	Air Leakage	Class AW According to AAMA/WDMA/CSA 101
	Water Tightness	Class AW According to AAMA/WDMA/CSA 101
	Wind Resistance	Class AW According to AAMA/WDMA/CSA 101
	Sound Insulation	40dB
	Aluminum Profile & Thickness	6063-T5 Aluminum 1/16" (2.0mm)
	Standard Glass Configuration	3/16"+ 13/16"Ar+3/16" (5mm+20Ar+5mm) Clear Glass
	System Basic Depth	Frame: 2 13/16" (72mm) Swing Panel: 2 13/16" (72mm)
	Profile Face Width	Frame: 2" (50mm) Swing Frame: 1 3/16" (30mm)
	Suggested Size (Swing Panel)	Height: 19 11/16" ~ 59 1/16" (500 - 1500mm) Width: 19 11/16" ~ 29 1/2" (500 - 750mm)
	Security	Multi-point lock
	Colors	PVDF Black / White / Gray or Custom Colors



ARGON & LOW-E GLASS

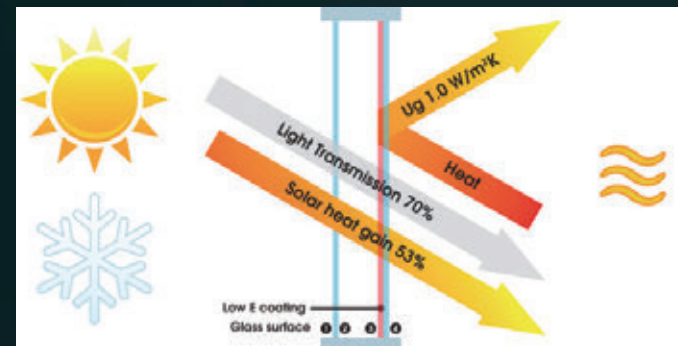
Argon Gas

Argon gas is a naturally occurring, non-harmful gas. When Argon gas is inserted between the panes of glass it increases the insulating performance of your double glazing.

Argon gas is denser than air, so adding it to the air between the two panes improves thermal insulation efficiency. When a glazing unit features Low E glass and Argon Gas it brings the temperature of the window closer to room temperature. This combination eliminates air currents and drafts that occur when differing temperatures meet

Low Emissivity (Low-E) Glass

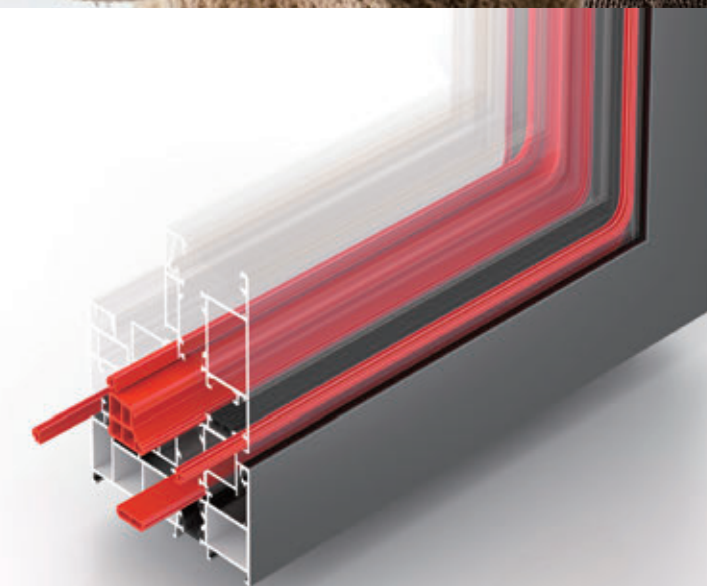
A Low E glass coating reduces the amount of heat transfer through a pane of glass. Low E coatings can reflect radiant heat - either from outside or inside, therefore reducing the heating and cooling costs of your home.

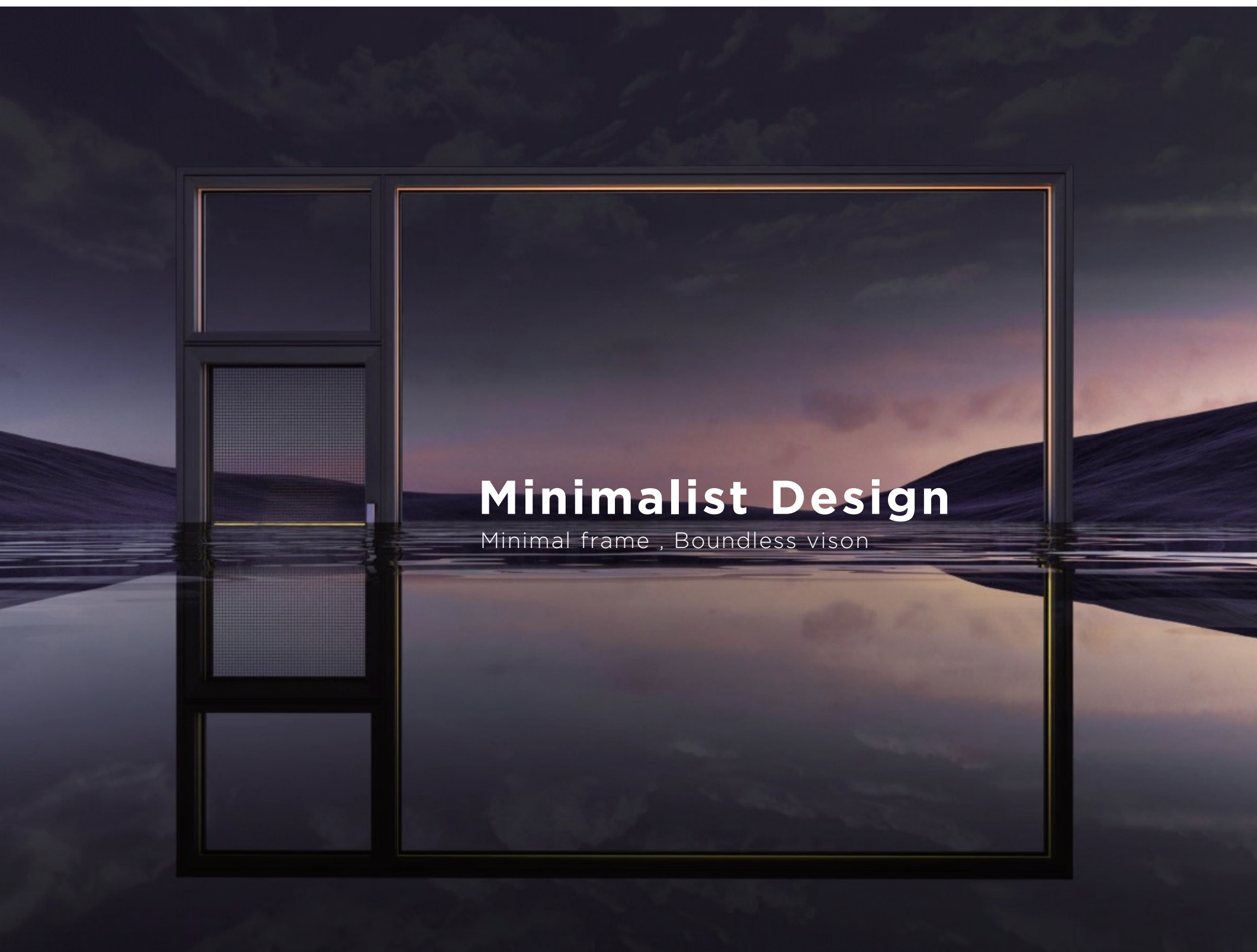


THERMAL INSULATED PROFILE & SEALING STRUCTURE

Thermal break window profile consist of extruded aluminum. Where a “channel” is cut through the aluminum and polyurethane is poured into this channel to separate the interior from exterior extrusion. This process is done to reduce thermal transfer and improve energy efficiency.

A unique profile structure design, combined with four layers of sealing strips, making a three-way sealing system in reality.





Minimalist Design

Minimal frame , Boundless vision



Open Living Concepts

For Maximum Natural Light



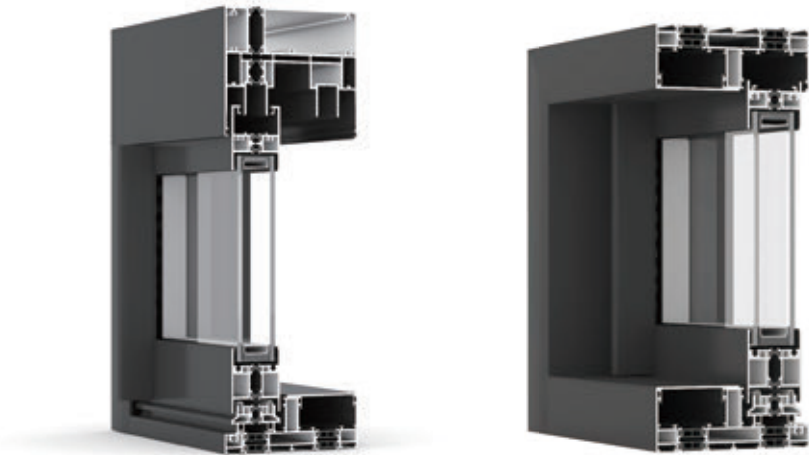
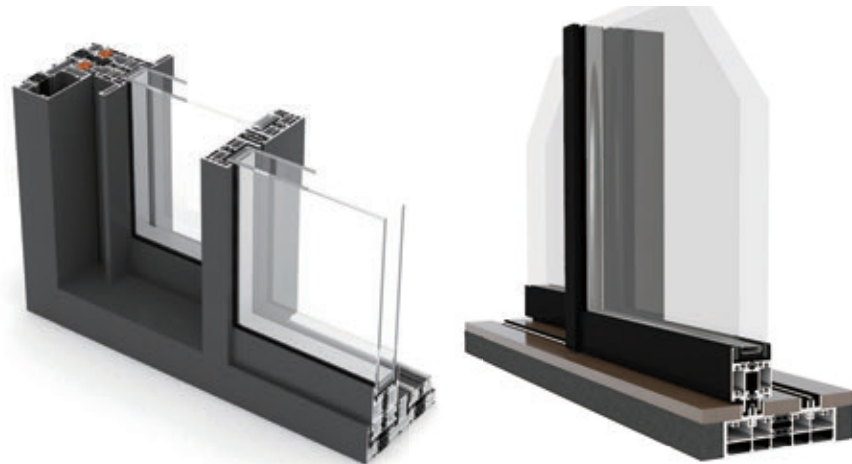
ALUMINUM

PATIO DOORS



138 Minimalist Sliding Aluminum Door Specification

	U-Value	1.79 W/ m²·K 0.316 BTU/h·ft²·°F
	Air Leakage	Class LC According to AAMA/WDMA/CSA 101
	Water Tightness	Class LC According to AAMA/WDMA/CSA 101
	Wind Resistance	Class LC According to AAMA/WDMA/CSA 101
	Sound Insulation	36dB
	Aluminum Profile & Thickness	6063-T5 Aluminum 1/16" (2.0mm)
	Standard Glass Configuration	1/4"+ 1 1/16"Ar+1/4" (6mm+27Ar+6mm) Clear Glass
	System Basic Depth	Frame:5 7/16" (138mm) Sliding Glass Panel: 2" (50mm)
	Profile Face Width	Frame:2" (50mm) Sliding Frame: 1 3/8" (35mm)
	Suggested Size (Sliding Panel)	Height: 76"- 157 1/2" (1930 - 4000mm) Width: 19 11/16" - 78 3/4" (500 - 2000mm)
	Security	Multi-point lock
	Colors	PVDF Black / White / Gray or Custom Colors

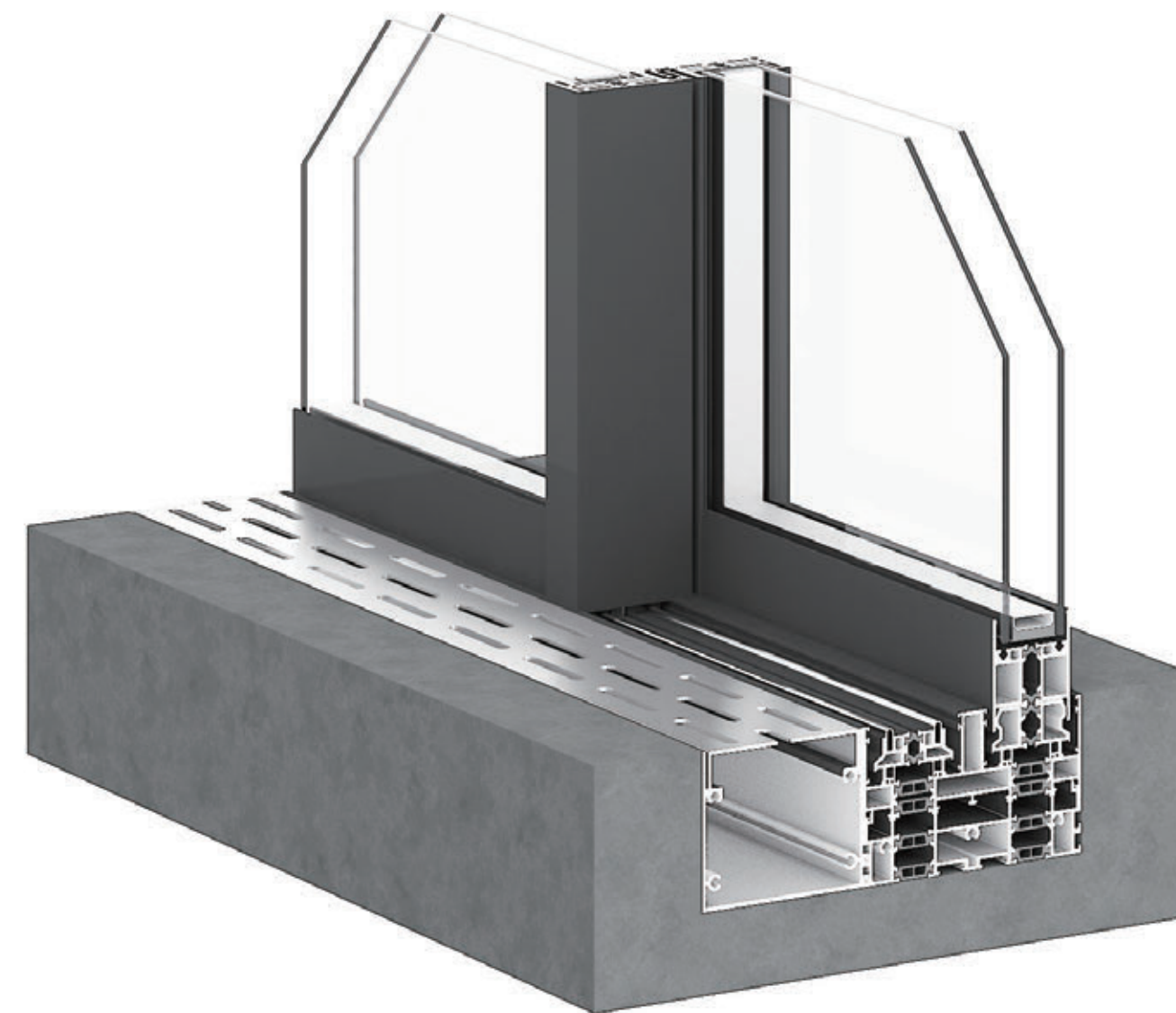


MINIMALIST SLIM 1 3/8" (35MM) SIGHTLINE

Specially Designed To Reach 1" (25mm)

Our double-glazed minimal sliding door system is a virtually frameless, easy-to-operate aluminum sliding system, with 1 3/8" sightline leaf profile. The oversized sliding sections, up to 196 7/8" (5M) in height, are set in virtually invisible frame profiles, allowing you to enjoy unobstructed views.

Elevate your spirit with breath-taking sea views, twinkling city nights capes, or natural landscapes and gardens.

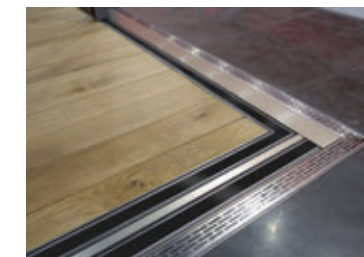


FITTED FLUSH- TO-FLOOR

The entire perimeter of the outer frame can be recessed into walls, ceilings and floors. When open, a no-threshold transition for interiors to the exteriors is created.













CONCEALED DRAINAGE

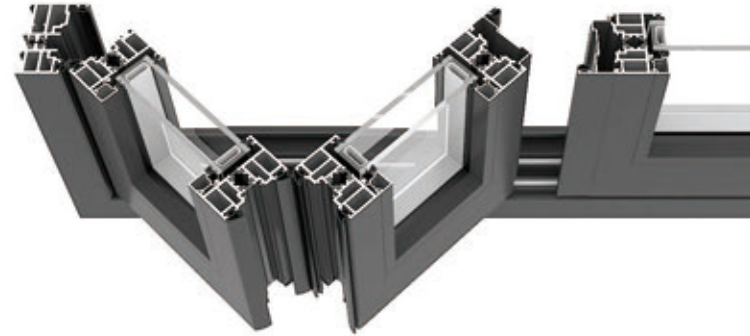
Effective drainage is achieved a specially designed, integrated aluminum hollow chamber. And concealed drainage gutter with a stainless-steel covers.





75 Minimalist Bifold Door Specification

	U-Value	1.86 W/ m²·K 0.321 BTU/h·ft²·°F
	Air Leakage	Class CW According to AAMA/WDMA/CSA 101
	Water Tightness	Class CW According to AAMA/WDMA/CSA 101
	Wind Resistance	Class CW According to AAMA/WDMA/CSA 101
	Sound Insulation	36dB
	Aluminum Profile & Thickness	6063-T5 Aluminum 1/16" (2.0mm)
	Standard Glass Configuration	3/16"+ 13/16"Ar+3/16" (5mm+20Ar+5mm) Clear Glass
	System Basic Depth	Frame: 2 15/16" (75mm) Swing Panel: 2 9/16" (72mm)
	Profile Face Width	Threshold: 1 3/8" (35mm) Mullion: 1 3/4" (45mm)
	Suggested Size (Swing Panel)	Height: 76" - 110 1/4" (1930 - 2800mm) Width: 19 11/16" - 33 7/16" (500 - 850mm)
	Security	Multi-point lock
	Colors	PVDF Black / White / Gray or Custom Colors



AUTOMATIC REBOUND LATCH

- > The patented automatic rebound latch enables the door leaf to be effortlessly inserted into the track and automatically secured, enhancing the convenience of opening and closing operations.



EXCELLENT CAPABILITIES

- > This high performance system offers enhanced features, as well as a minimal design, high insulation and functionality with hardware that have specifically been designed for folding systems.
- > Able to open inward or outward door with locking system.
- > Possibility of even number of openings(2, 4 etc.)
- > In and outward opening using the same profiles.



150 Lift and Sliding Door Specification

	U-Value	1.74 W/ m²·K 0.306 BTU/h·ft²·°F
	Air Leakage	Class CW According to AAMA/WDMA/CSA 101
	Water Tightness	Class CW According to AAMA/WDMA/CSA 101
	Wind Resistance	Class CW According to AAMA/WDMA/CSA 101
	Sound Insulation	36dB
	Aluminum Profile & Thickness	6063-T5 Aluminum 1/8" (2.5mm)
	Standard Glass Configuration	1/4"+ 1 1/16"Ar+1/4" (6mm+27Ar+6mm) Clear Glass
	System Basic Depth	Frame: 5 15/16" (150mm) Sliding Panel: 2 1/4" (57mm)
	Profile Face Width	Threshold: 1 5/16" (33mm) Sliding Frame: 3 1/4" (82mm)
	Suggested Size <small>(Sliding Panel)</small>	Height: 76" - 118 1/8" (1930 - 3000mm) Width: 19 11/16" - 78 3/4" (500 - 2000mm)
	Security	Multi-point lock
	Colors	PVDF Black / White / Gray or Custom Colors





AAMA CW CLASS LIFT & SLIDING DOORS



GREEN MAINLAND






Our 150 heavy-duty aluminum alloy patio sliding door that has passed the AAMA CW CLASS test, which means it has excellent water resistance of more than 720pa.

This makes it more suitable for outdoor use, as it can withstand harsh weather conditions and provide a smooth and effortless sliding experience. Our patio sliding door also features a sleek and modern design that can enhance the beauty and value of your home. Whether you want to enjoy the natural light, fresh air, or scenic views, our patio sliding door can offer you the best of both worlds. Contact us today to find out more about our product and how we can help you create your dream outdoor space.

AAMA CW CLASS SLIDING DOOR TEST



Doors to make the **best impression**

-  Fully flush profile internally and externally
-  Pivot entrance doors available in any of our door designs
-  Vast range of colors and finishes including aluminum, stone and specialist glass options
-  Laminated security glass as standard in triple and quadruple units
-  Custom design service available to create a door unique to you










ALUMINUM ENTRANCE
PIVOT DOORS



EXCELLENT RANGE
LIMITLESS POSSIBILITIES

120 Ultra Aluminum Pivot Doors Specification

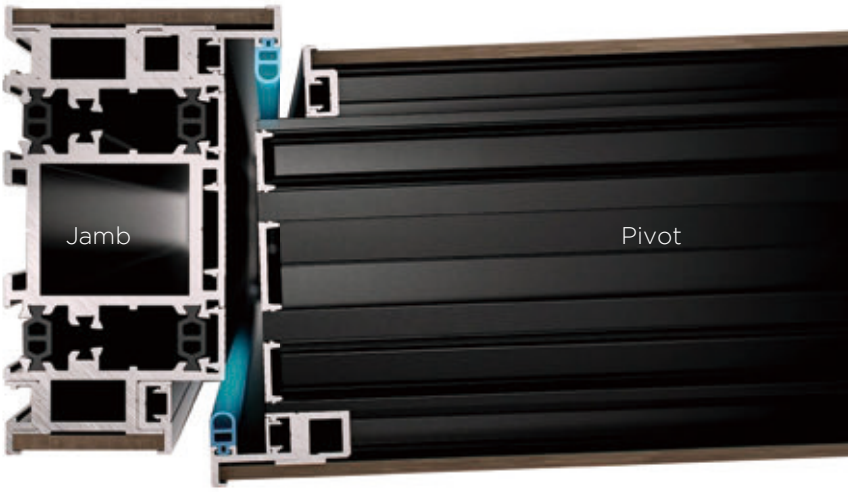
	U-Value	1.68 W/ m²·K 0.295 BTU/h·ft²·°F
	Aluminum Profile & Thickness	6063-T5 Aluminum 1/8" (3.5mm)
	System Basic Depth	3 3/8" (85mm)
	Standard Glass Configuration	1/4"+ 1 1/16"Ar+1/4"+ 1 1/16"Ar+1/4" (5+27Ar+5+27Ar+5mm) Clear Glass
	Optional Configuration	Multi-function Smart Lock
	Suggested Size (Swing Panel)	Height: 118 1/8" - 295 1/4" (3000 - 7500mm) Width: 47 1/4" - 78 3/4" (1200 - 2000mm)
	Standard Hardware	FritsJurgens Pivot Hinge Multi-point lock



Pivot System



Thermal Broken Aluminum Profile



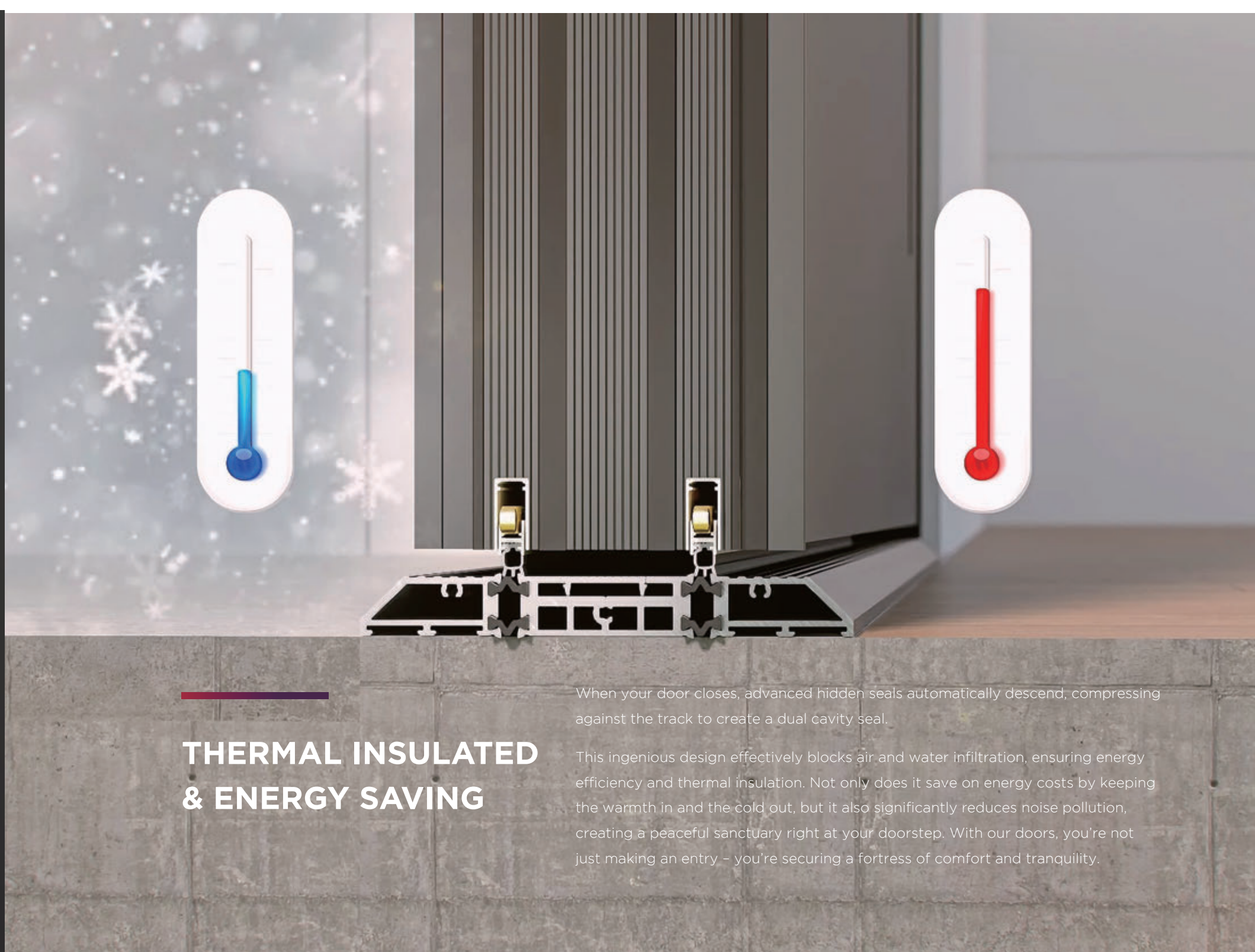
Perfect Pivot Sealing



AUTOMATIC REBOUND DROP SEALING

As your door gracefully closes, our innovative sealing strip descends effortlessly, forming a dual barrier against the elements.

With each opening, it ascends just as smoothly, ensuring unobstructed entry and exit while maintaining the integrity of your home's security and energy efficiency. Experience the future of home protection with our automatic sealing technology today.



THERMAL INSULATED & ENERGY SAVING








When your door closes, advanced hidden seals automatically descend, compressing against the track to create a dual cavity seal.

This ingenious design effectively blocks air and water infiltration, ensuring energy efficiency and thermal insulation. Not only does it save on energy costs by keeping the warmth in and the cold out, but it also significantly reduces noise pollution, creating a peaceful sanctuary right at your doorstep. With our doors, you're not just making an entry – you're securing a fortress of comfort and tranquility.



85 Aluminum Entrance Pivot Doors








Specification

	U-Value	1.93 W/ m ² ·K 0.339 BTU/h·ft ² ·°F
	System Basic Depth	3 3/8" (85mm)
	Aluminum Profile & Thickness	6063-T5 Aluminum 1/16" (2.2mm)
	Standard Glass Configuration	1/4"+ 1 1/16"Ar+1/4"+ 1 1/16"Ar+1/4" (5+27Ar+5+27Ar+5mm) Clear Glass
	Optional Configuration	Multi-function Smart Lock
	Suggested Size (Swing Panel)	Height: 76"- 157 1/2" (1930 - 4000mm) Width: 40" - 78 3/4" (1020 - 2000mm)
	Standard Hardware	Dorma Pivot Hinge Multi-point lock



75 Glass Pivot Doors

Specification

	U-Value	1.96 W/ m ² ·K Level 7 0.345 BTU/h·ft ² ·°F Level 7
	System Basic Depth	2 15/16" (75mm)
	Aluminum Profile & Thickness	6063-T5 Aluminum 1/16" (2.0mm)
	Standard Glass Configuration	3/16"+ 13/16"Ar+3/16" (5mm+20Ar+5mm) Clear Glass
	Optional Configuration	Fingerprint Cipher Lock
	Suggested Size (Swing Panel)	Height: 76"- 157 1/2" (1930 - 4000mm) Width: 40" - 78 3/4" (1020 - 2000mm)
	Standard Hardware	Dorma Pivot Hinge Multi-point lock





High Standard Equipment

Entrance Hinged Doors

All our aluminum doors offer individual designs, benefitting from high performance, security, and build quality with following standard specification

- High performance insulated core with laminated safety and heat protection triple glazing
- 3 point automatic stainless steel lock with integrated and adjustable lock receiver.
- Stainless steel handrail 47 1/4"(1200mm) long with straight or angled fixings.
- Three-piece hinge(Standard, Modern)
- Security cylinder with keys included
- Standard dimensions up to 39 3/8" (1000mm) x 149 5/8"(3800mm).Larger sizes available.



Door handle with lock



Smart lock option



Handrail with straight fixing



Concealed Hinges



Security 3 point lock



The heart of the door

All our aluminum doors offer individual designs, benefitting from high performance, security, and build quality with following standard specification

- 1** Fully flush frame and sash
- 2** Low level thermally broken access threshold.Easy access for everyone.
- 3** High performance weather seal and connector
- 4** Frame edge profile designed for concealed fixing strap system
- 5** High performance insulated core
- 6** 1/8"or 1/4"or 5/16" (3/6/8mm) thickness aluminum outer face to chose
- 7** Optional Triple glass safety and low energy insulated glazing
- 8** High performance insulated thermal break



75 Glass French Doors

Specification

	U-Value	1.74 W/ m²·K 0.306 BTU/h·ft²·°F
	System Basic Depth	2 15/16" (75mm)
	Aluminum Profile & Thickness	6063-T5 Aluminum 1/16" (2.0mm)
	Standard Glass Configuration	3/16"+ 13/16"Ar+3/16" (5mm+20Ar+5mm) Clear Glass
	Suggested Size (Swing Panel)	Height: 76"- 149 5/8" (1930 - 3800mm) Width: 29 1/2" - 39 3/4" (750 - 1010mm)
	Optional Configuration	Fingerprint Cipher Lock
	Standard Hardware	Oaosm Hinges Multi-point lock



85 Aluminum Entry Doors

Specification

	U-Value	1.71W/ m²·K 0.301 BTU/h·ft²·°F
	System Basic Depth	3 3/8" (85mm)
	Aluminum Profile & Thickness	6063-T5 Aluminum 1/16" (2.2mm)
	Standard Glass Configuration	1/4"+ 1 1/16"Ar+1/4"+ 1 1/16"Ar+1/4" (5+27Ar+5+27Ar+5mm) Clear Glass
	Suggested Size (Swing Panel)	Height: 76"- 157 1/2" (1930 - 4000mm) Width: 29 1/2" - 47 1/4" (750 - 1200mm)
	Optional Configuration	Multi-function Smart Lock
	Standard Hardware	Concealed Stainless Steel Hinges Multi-point lock




Create Your Exclusive & Impressive Entrance


series

Glass


Entrance door




G-001




G-002



G-003



G-004



G-005

series

Aluminum

Entrance door



A-001



A-002




A-003




A-004




A-005




A-006




A-007




A-008




A-009




A-010




A-011




A-012




A-013




A-014




A-015




A-016




A-017




A-018




A-019




A-020




A-021




A-022




A-023




A-024




A-025




A-026



A-027



A-028



A-029

Create Your Exclusive & Impressive Entrance

WOODEN
Entrance door



W-001



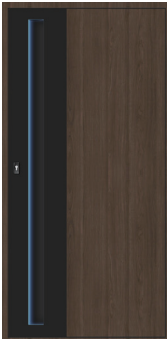
W-002



W-003



W-004



W-005



W-006



W-007



W-008



W-009



W-010



W-011



W-012



W-013



W-014



W-015

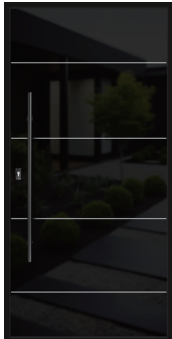


W-016



W-017

ART
Entrance door



AR-001



AR-002



AR-003



AR-004



AR-005

STONE
Entrance door

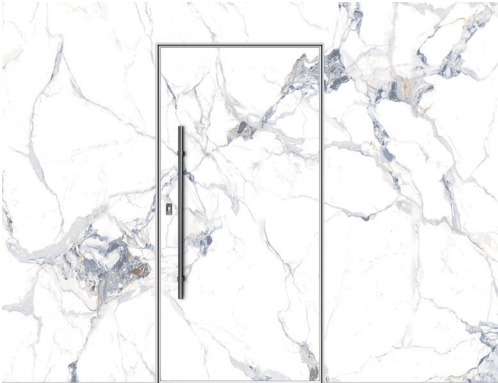


ST-001



ST-002

Concealed
Entrance door



CST-002



CST-001

Design your door

We can customize and develop products according to customer needs requirement.

DIGITAL SMART ENTRY SYSTEM

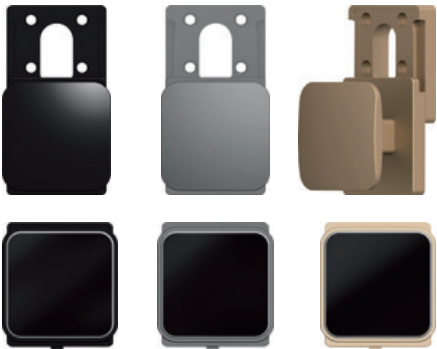
Face recognition, password recognition, fingerprint recognition, NFC function, app control,doorbell, video call you have it all in one system.



HANDLE COMBINATION



CONCEALED SQUARE HAND



SAFETY CYLINDER



LINKAGE LOCK



COLOR FINISHES

Nothing limits you



GREEN MAINLAND

APPLICATIONS GROOVES



3/16" (5mm) stainless steel bar 3/8" (10mm) stainless steel bar 3/16" (5mm) Grooves 3/8" (10mm) Grooves

GLASS OPTION



Clear glass Frosted glass Coated glass Mirror glass