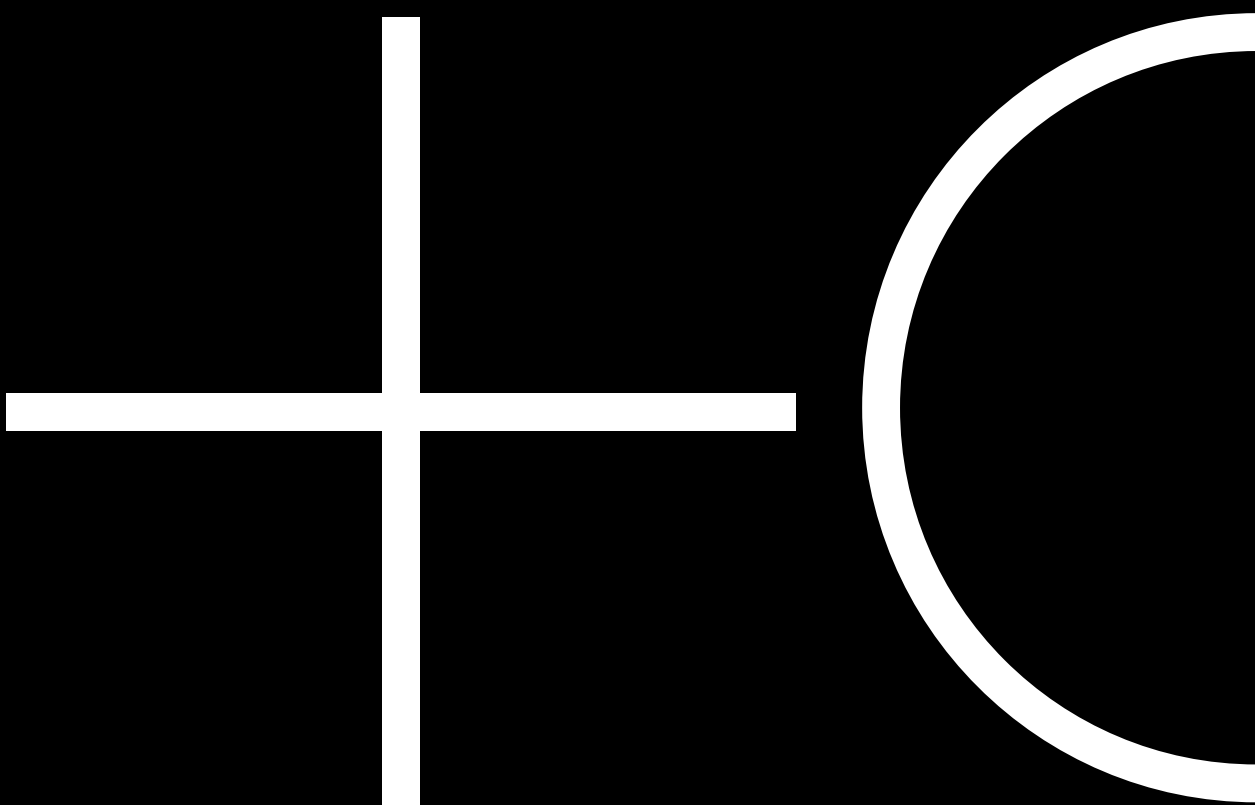
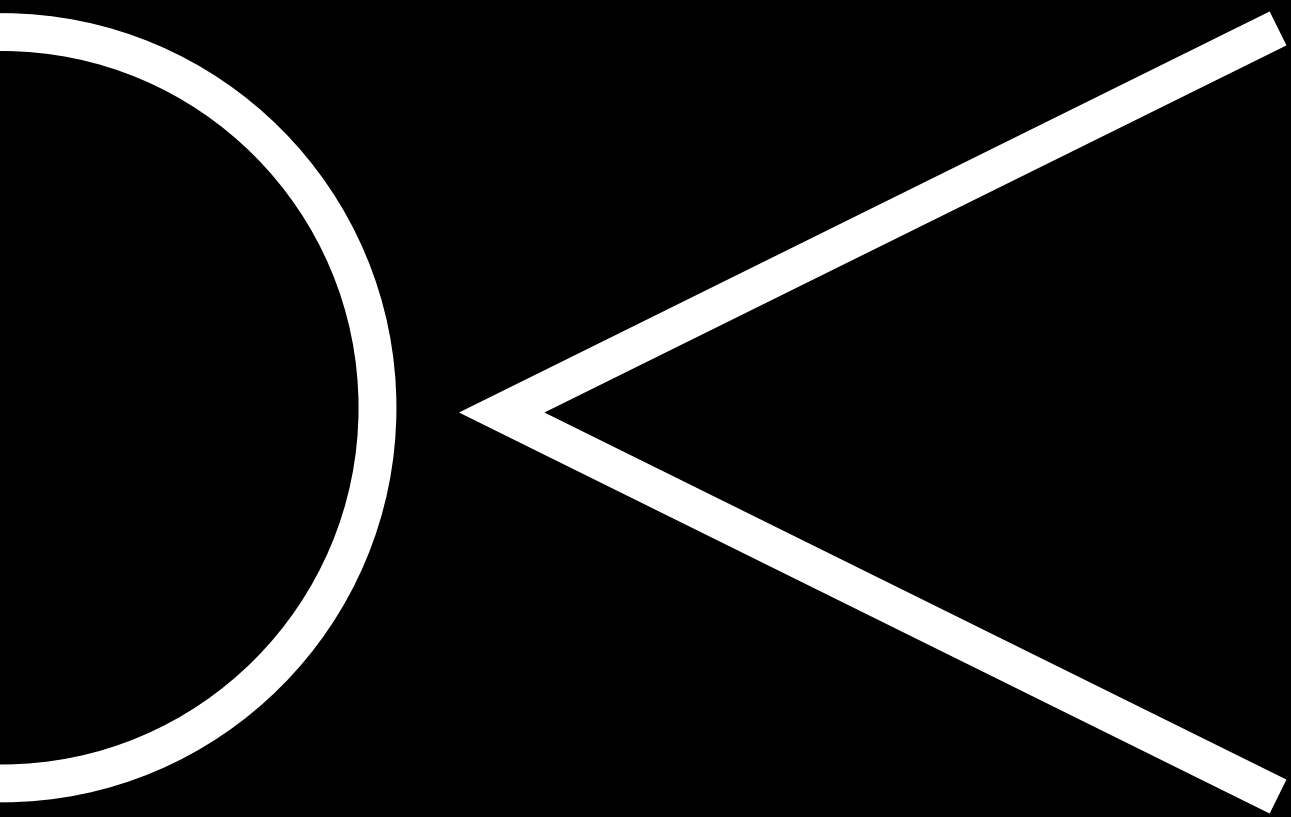


ALUMINCO

TRANSFER
OF
KNOWLEDGE







ALUMINCO

TRANSFER OF KNOWLEDGE





SINCE 1982

Targeting the international community of architects, designers, engineers, construction experts and fabricators, ALUMINCO offers a complete range of architectural aluminium solutions that are innovative, energy efficient and sustainable, embodying top quality, high functionality and contemporary design standards.

At ALUMINCO, one aspect stands above all others: taking responsibility. Under the heading “A planet to love”, we are working on the issue of sustainability along the entire value chain, making a significant contribution to shaping a sustainable future through innovations, environmental performance of products and green production with lower CO₂ footprint and more efficient recycling.

THE TOK STORY



This edition is a monograph about the product ranges of ALUMINCO. Our goal is to become a source of inspiration for the community of architecture and design, so that it can boost imagination and encourage creativity. An Ithaca of our unique systems for our brand.

Spiros Griveas
Marketing & Communications Manager

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ALUMINCO

THE SLIDERS

THE SLIDERS



SLIDING THERMAL INSULATING SYSTEM FOR HYPER PERFORMANCES



OUR NEXT GREAT GENERATION OF SLIDING SYSTEMS
AHEAD OF ITS TIME!

The Aluminco SL2900 is a top performing sliding system with innovative and unique features, offering elegant constructions and satisfying large-scale requirements.

The art of architectural design with first in class performance in terms of thermal insulation, air-and water tightness, and the value-added SOFT CLOSE function, are some of the reference points that dominate and make the SL2900 unique.

Aside from the design, the system combines the ease of operation of lift-slide systems with the tight seal provided by tilt & slide elements. The latter is thanks to a continuous sealing system all around the perimeter, which saves large amounts of energy.

The aesthetics is determined by the narrow face width in the center vertical section and an outer frame concealed in the attachment to the building structure while the fully integrated threshold option allows easy passage and maximizes user comfort.

The open corner configuration, fitted with striking design elements and large panes of glass, ensures the maximum of bright and welcoming ambience in the interior.

This top-ranked system belongs to the new generation of architectural Aluminco systems, which are based on modern architectural trends, incorporating cutting-edge technology whilst offering unrivaled functionality, with unprecedented for its time performances.



SYSTEM IDENTITY



PIONEERING
DESIGN
GRANTS
FREEDOM





CREATE
A LUXURY
SCENE





SL2900

CUTTING EDGE TECHNONOLGY



The use of a concealed mechanism, the SOFT CLOSE damper, turns the system into an exceptionally user friendly and safe system. Thanks to innovative SOFT CLOSE function the system's sash slows down during closing and guided reliably into the end position, minimising the risk of injury and of damage to the window elements.

SOFT CLOSE FUNCTION





Smooth and easy operation of the system, even in demanding dimensions and robust constructions, is achieved through the unique diversion mechanism which guides the sash more gently and harmoniously into the locking position.

DIVERSION MECHANISM





The system follows a complete safety philosophy, which combines multiple perimetric locks for high security standards.

MULTIPLE PERIMETRIC LOCKS





Every part of a top aluminium system needs to be perfectly combined in order to form a well-balanced integrated structure. And the controlled drainage of water is no exception.

COMPLETE SOLUTION OF WATER DRAINAGE

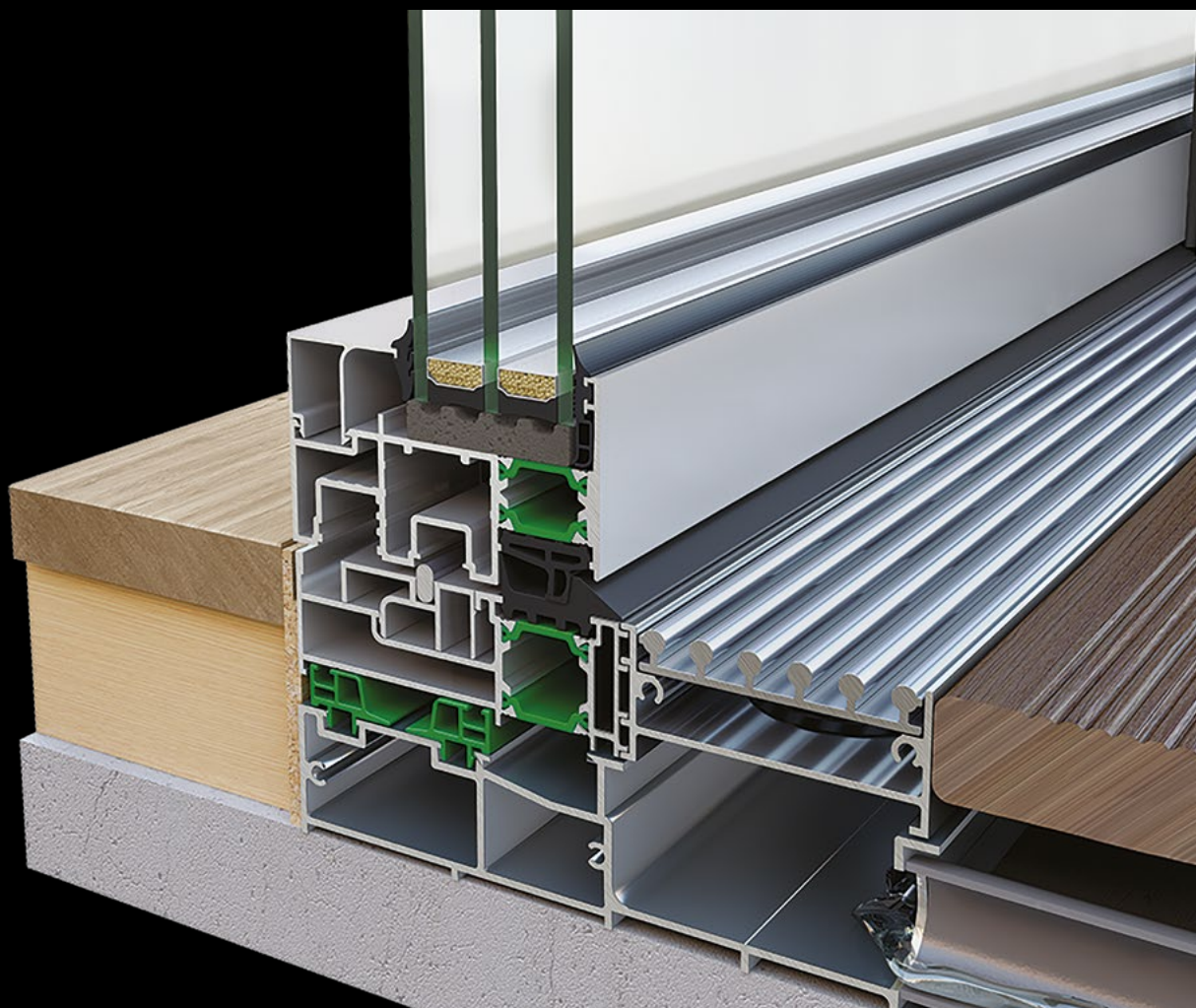


TECHNICAL CHARACTERISTICS



SL2900

OFFERS
IDEAL SOLUTIONS
DEPENDING
ON OPERATIONAL
NEEDS AND
PERFORMANCE
LEVELS



FULLY INTEGRATED THRESHOLD

FULLY INTEGRATED THRESHOLD

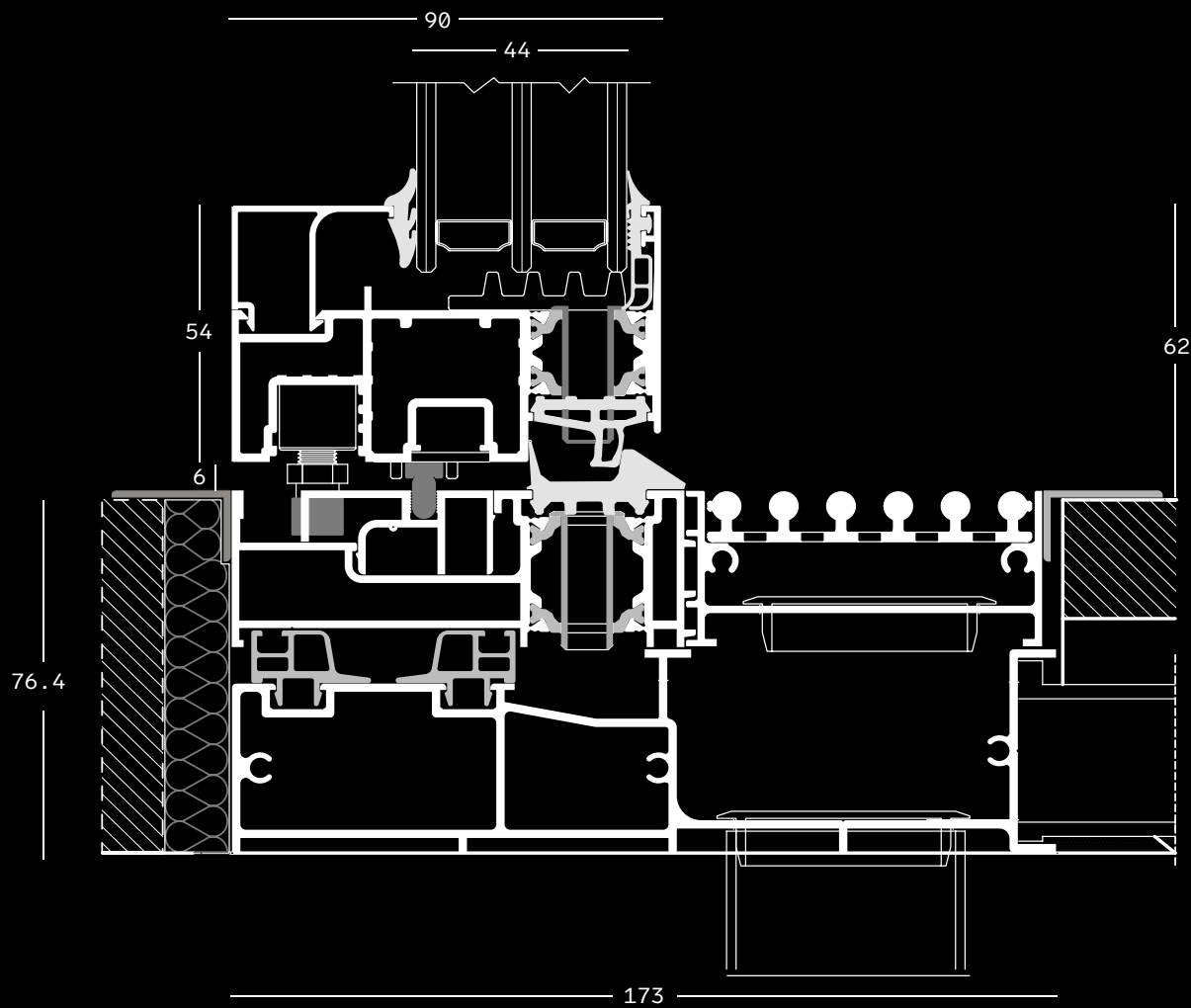
This version allows easy access and maximum comfort and in combination with the beauty of the non-visible frame creates the optimal aesthetic appearance.

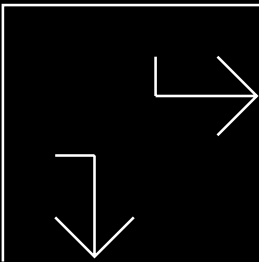
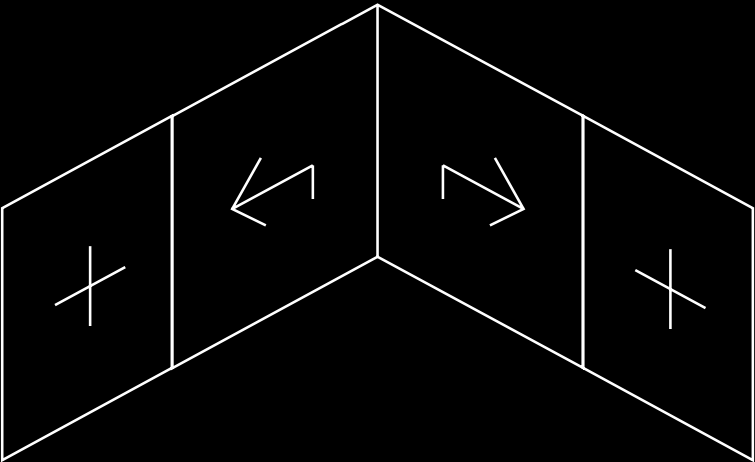
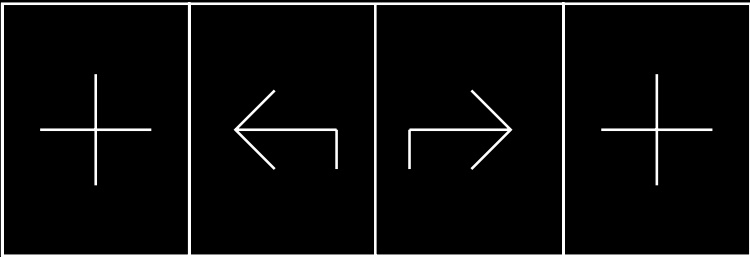
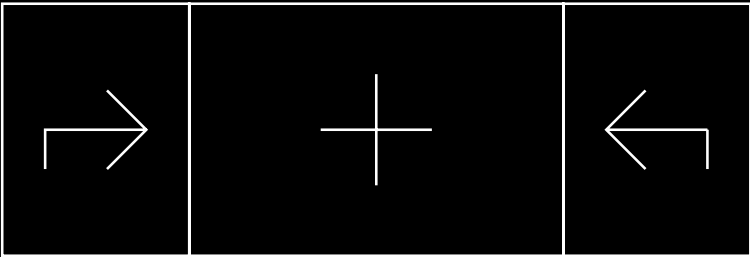
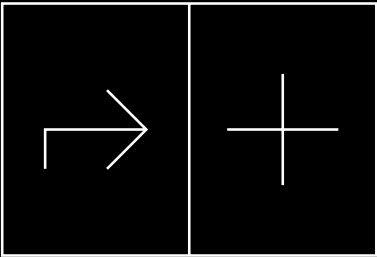
HIGH LEVEL THRESHOLD

The high-level solution offers maximum performance, meeting effectively even the most demanding needs.

UPGRADE THRESHOLD

The version of the upgrade solution is suitable for remodeling projects.





↓	HARDWARE	
	SLIDING WITH DIVERSION	
↓	INSULATION	
	POLYAMIDES mm	24
↓	SYSTEM PROFILE DIMENSIONS	
	MIN. TRACK WIDTH mm	170
	MIN. TRACK HEIGHT mm	76
	MIN. INTERLOCK WIDTH mm	64
	GLASS THICKNESSES mm	44–74
↓	UNIT DIMENSIONS	
	MAX. SASH WIDTH mm	2500
	MAX. SASH HEIGHT mm	2500
	MAX. SASH WEIGHT Kg	250
↓	TESTS AND STANDARDS	
	THERMAL INSULATION EN ISO 10077-2	U _f VALUES FROM 2.0 W/(m²K)

THE SLIDERS



SL2700

THE GREAT WIDE

LIFT & SLIDE
THERMAL
INSULATING
SYSTEM FOR
HIGH-END
STRUCTURES



THE GREAT WIDE!

The Great Wide is one of the greatest lift-and-slide systems in the world, an awe-inspiring feat for contemporary architecture!

Attractive and effective slim-frame-lines, excellent thermal insulation values and high-quality components create an exceptionally uplifting atmosphere.

The architectural aesthetics are depicted on the narrow interlocking face width which permits greater visibility and flow of light, while the ground level threshold offers high comfort and ease of access.

Applying the most accurate performance testing for air, water, wind, sound insulation, structural and forced entry, this next generation system is capable to meet the most extreme performance requirements making it suitable for virtually any location in the world.

From new construction to remodeling projects, the demand for multi configurations and large units with maximum light penetration is what the ALUMINCO SL2700 has been engineered for.

SYSTEM IDENTITY

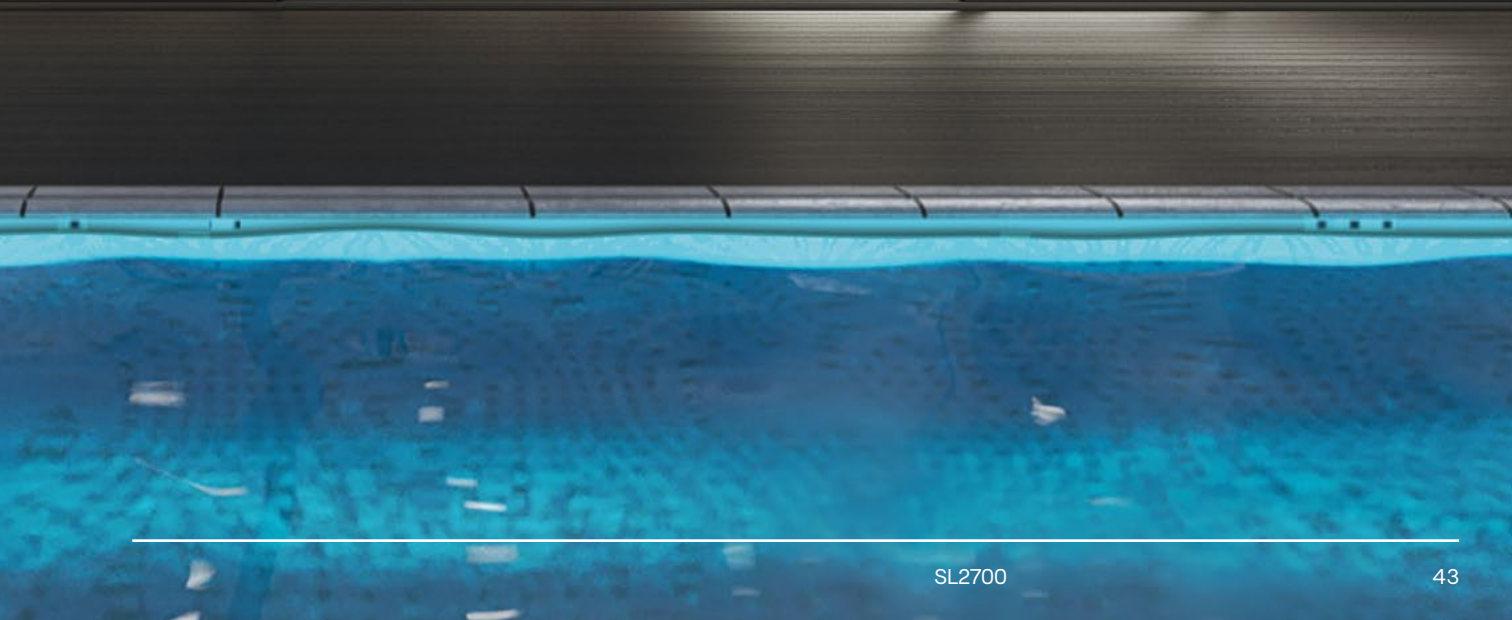


ULTIMATE
HIGH-END
LOOK
GRANTS
FREEDOM





WIDE
OPEN
LIVING
SPACES





SL2700

FEATURES THAT DEFINE EXCELLENCE



As a system-built architectural solution, the hotel edition can accommodate all known configurations, underscoring the multilayer character of the system.

THE HOTEL SOLUTION EXCLUSIVE PACKAGE





For the most architecturally challenging projects, the system offers all-glass corners as well as 90° open corners requiring no structural post.

CORNERLESS AND ALL-GLASS CORNERS





With the new range of fittings, two different options are available. Both ways, the security components are not visible from outside, providing a uniform appearance to the system.

MORE FLEXIBILITY IN LOCKING





Single, double, triple, high performance, low bottom, flat, viewless are options where almost cover every possible configuration in the real construction. All tracks are thermally insulated for optimum energy efficiency and give the option to be installed flush at interior floor where a drainage system is required.

COMPLETE RANGE OF TRACKS



TECHNICAL CHARACTERISTICS



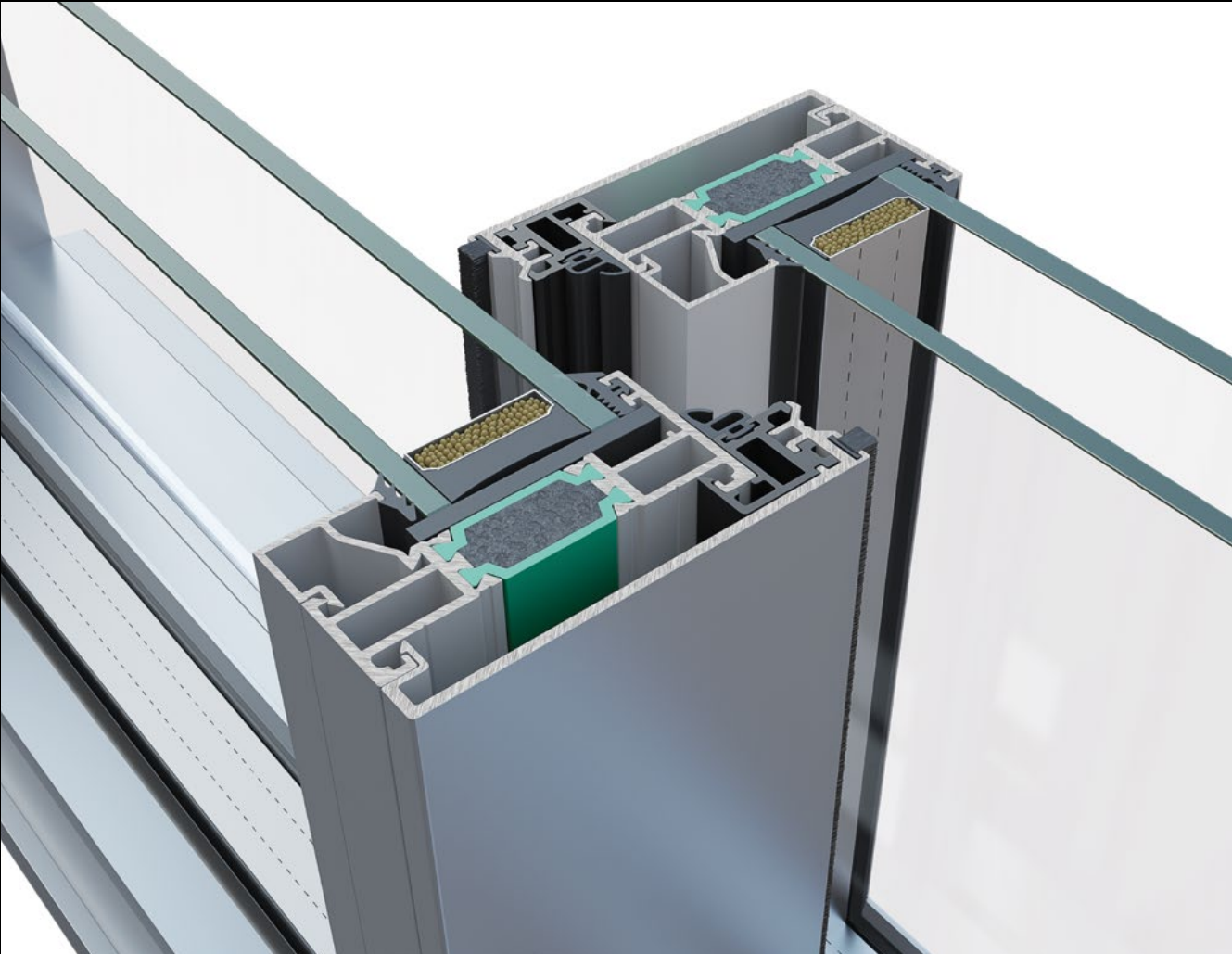
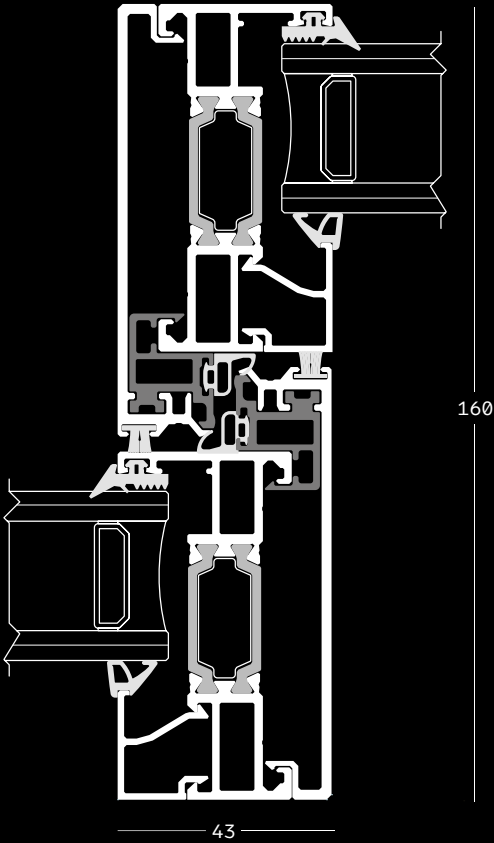
SL2700

NARROW
INTERLOCK
& VIEWLESS
TRACK



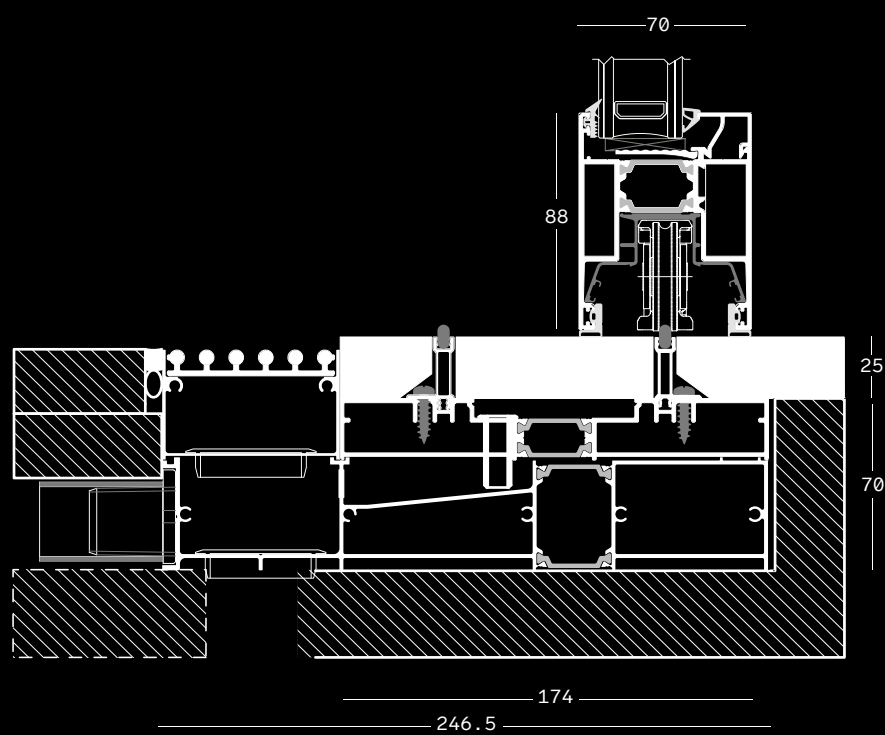
The narrow interlocking face width of only 43 mm permits greater visibility and flow of light.

NARROW INTERLOCK





The «viewless» track, totally concealed into the floor and covered with the floor finish, offers the most 'visual impact' solution with outstanding user comfort-ideal for use as a high-end solution in premium commercial projects and luxury residential properties. Top-class water tightness is achieved thanks to the effectiveness of the concealed water drainage system.

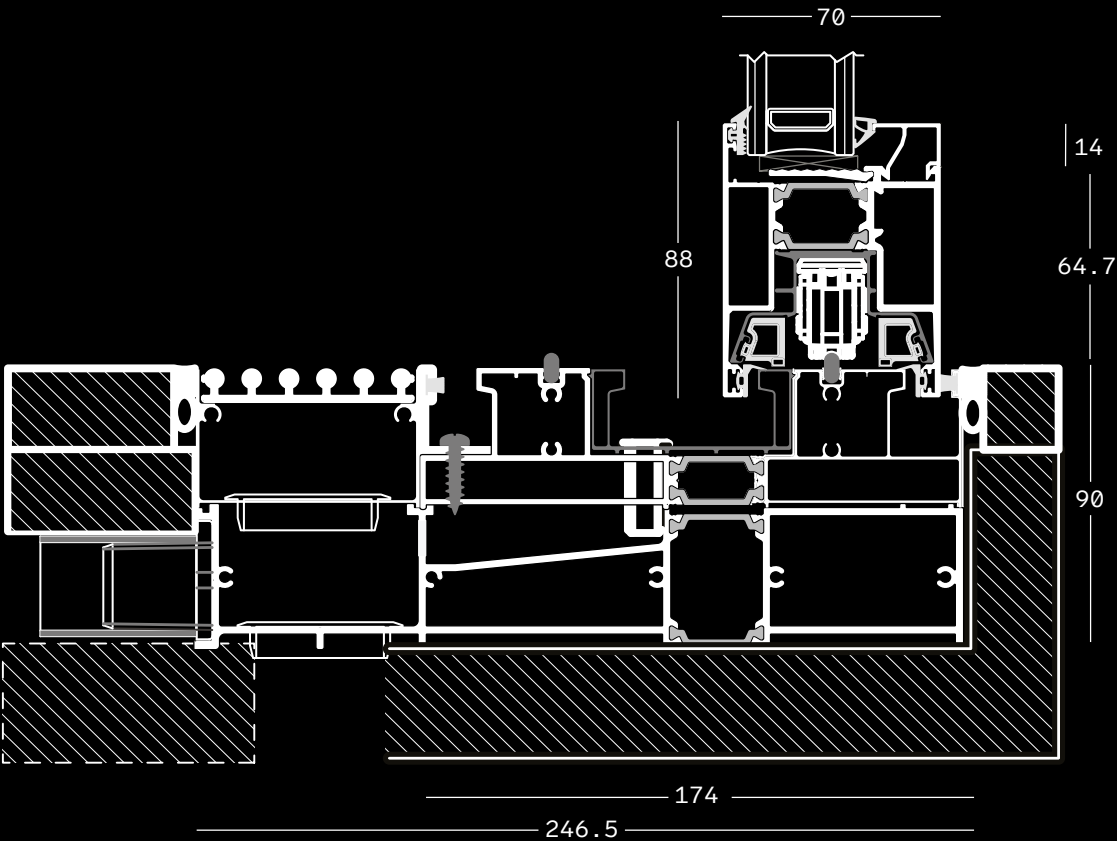


VIEWLESS TRACK

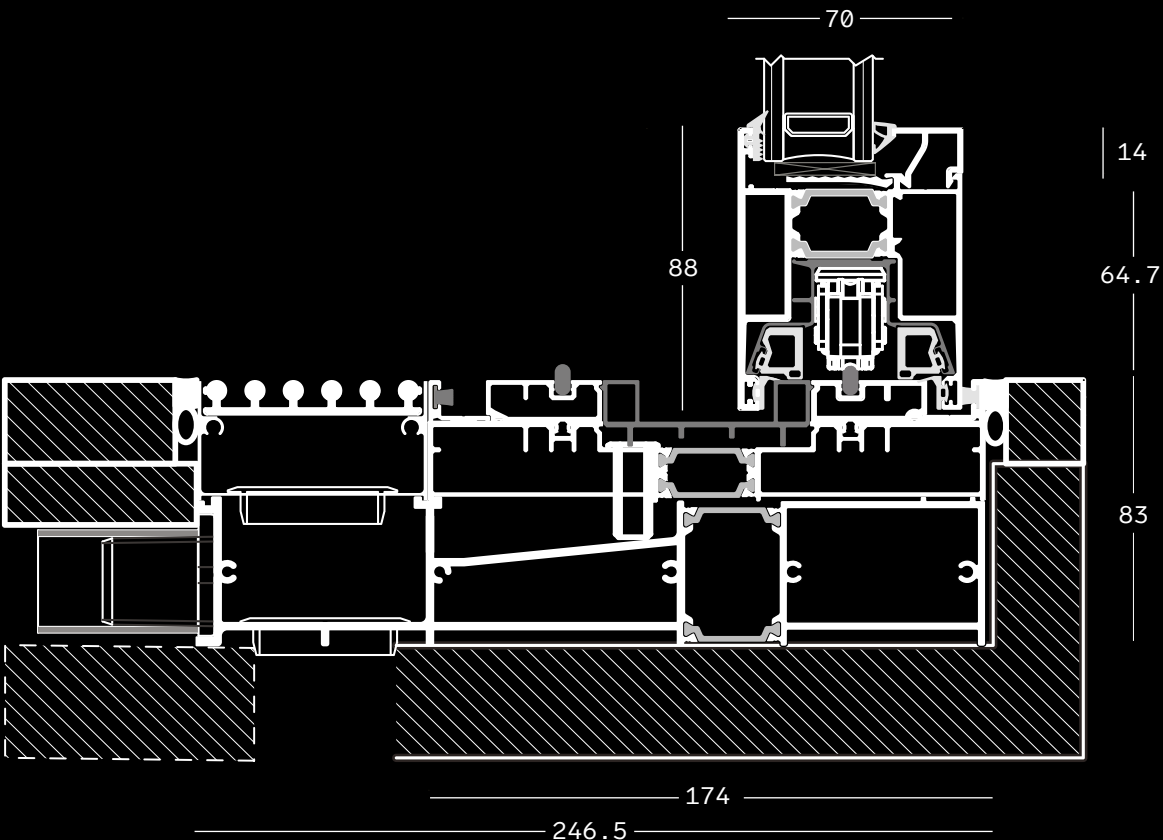


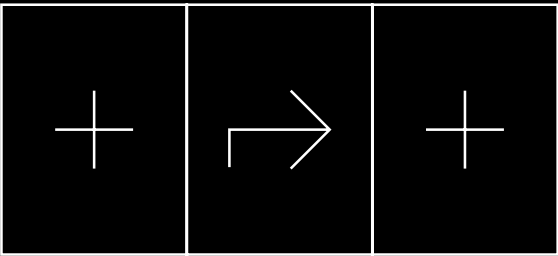
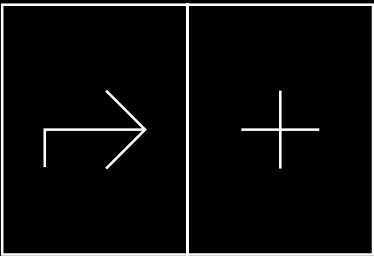
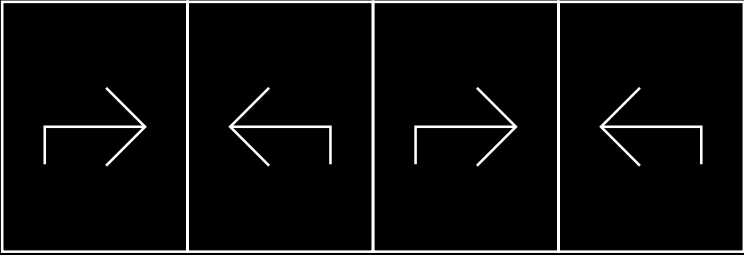
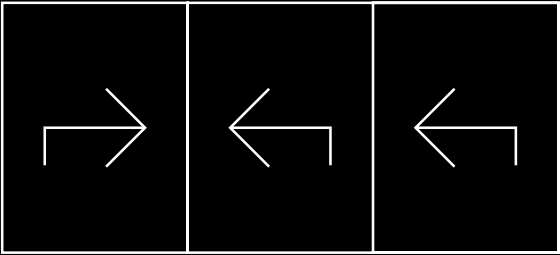
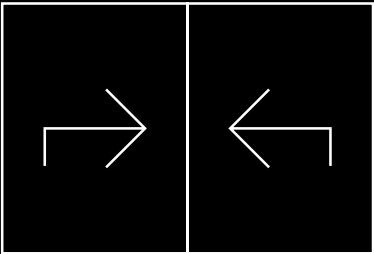


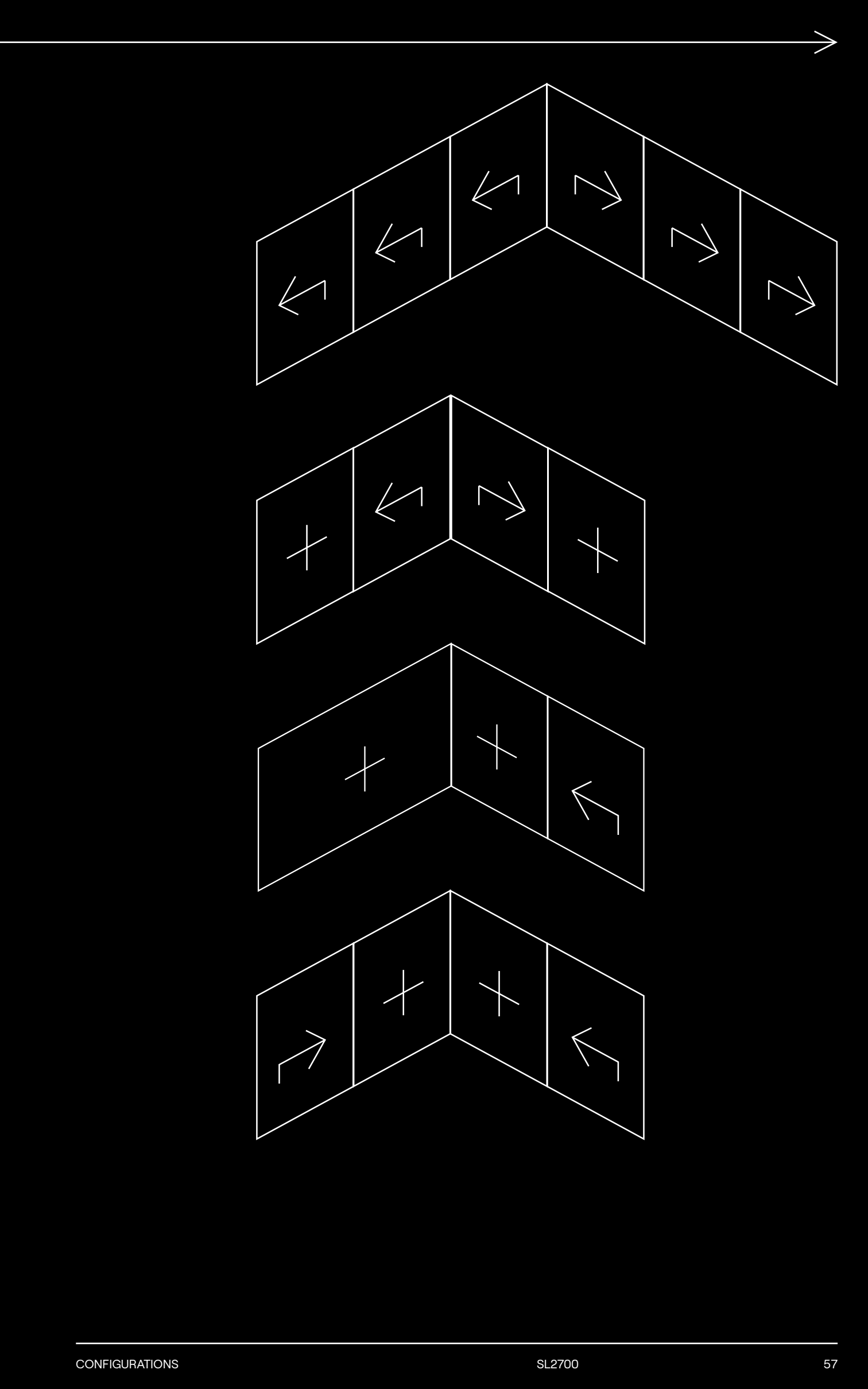
LOWER SECTION OF LIFT AND SLIDE OVERLAPPING RAIL



LOWER SECTION OF LIFT AND SLIDE OVERLAPPING RAIL







↓

HARDWARE

LIFT & SLIDE

↓

INSULATION

POLYAMIDES mm30

↓

SYSTEM PROFILE DIMENSIONS

TRACK WIDTH mm174

MIN. TRACK HEIGHT mm25

MIN. INTERLOCK WIDTH mm43

GLASS THICKNESSES mm24–52

↓

UNIT DIMENSIONS

MAX. SASH WIDTH mm3000

MAX. SASH HEIGHT mm3000

MAX. SASH WEIGHT Kg400

↓

TESTS AND STANDARDS

THERMAL INSULATION EN ISO 10077-2U_f VALUES FROM 1.7 W/(m²K)

THE SLIDERS



SL2450

LIFT & SLIDE
THERMAL
INSULATING
SYSTEM
WITH MINIMAL
FACE WIDTHS



The SL2450 represents the new evolution of ALUMINCO’s advanced systems, offering unlimited enhanced features and unrivaled characteristics.

It harmoniously combines all the functional benefits of a minimal lift and slide system and at the same time offers impressive thermal insulation, water tightness and resistance to wind pressure.

The system combines up to date architectural aesthetics and exceptional functionality along with top durability and performance.

The architectural aesthetics are depicted on the 30 mm interlocking face width which permits greater visibility and flow of light, while the low threshold offers extra comfort and easier access.

SYSTEM IDENTITY





SLIDING
SENSE OF
FREEDOM
DOORS





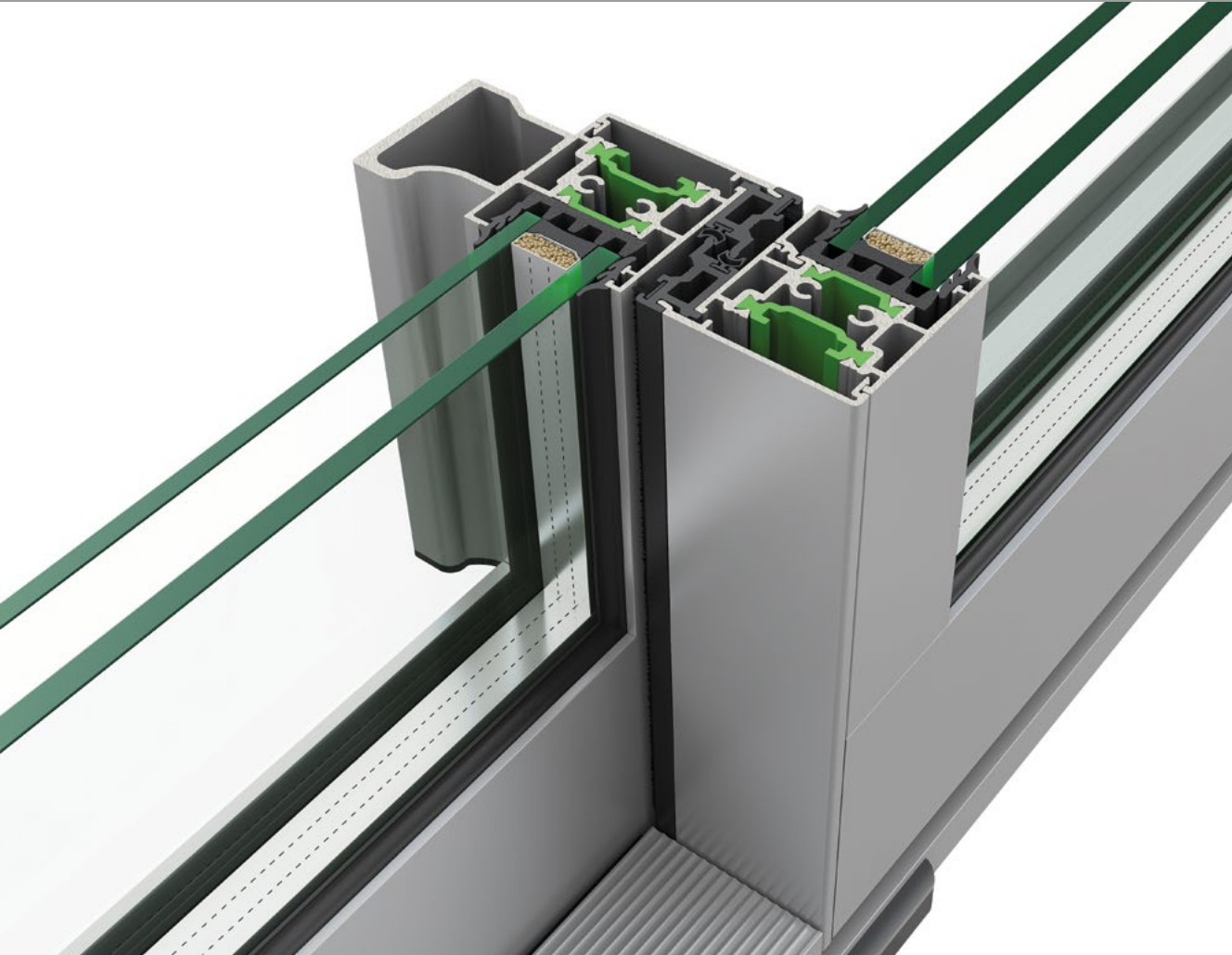
SL2450

SUPERIOR
FEATURES
CARRIED
TO STANDARD
EDITIONS



The integrated handle at the interlocking profile point offers high robustness to the construction and increased resistance to wind pressure.

INTEGRATED HANDLE





Possibility to implement different typologies, perfectly adapting to large scale constructions. Ideal for hotel units, offering the ability to implement extensive lifting-sliding solutions with fixed panel.

EXTREMELY ADAPTABLE



TECHNICAL CHARACTERISTICS

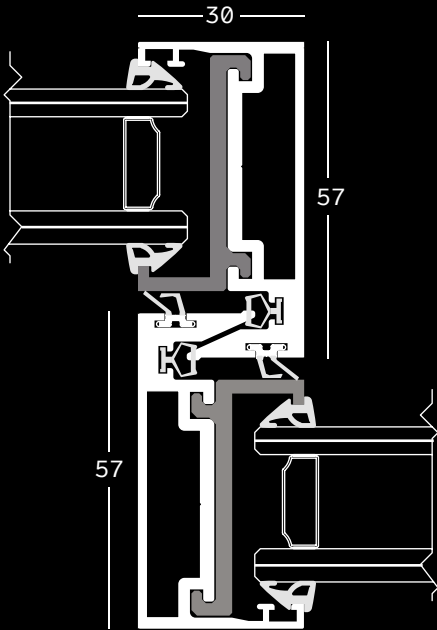


SL2450

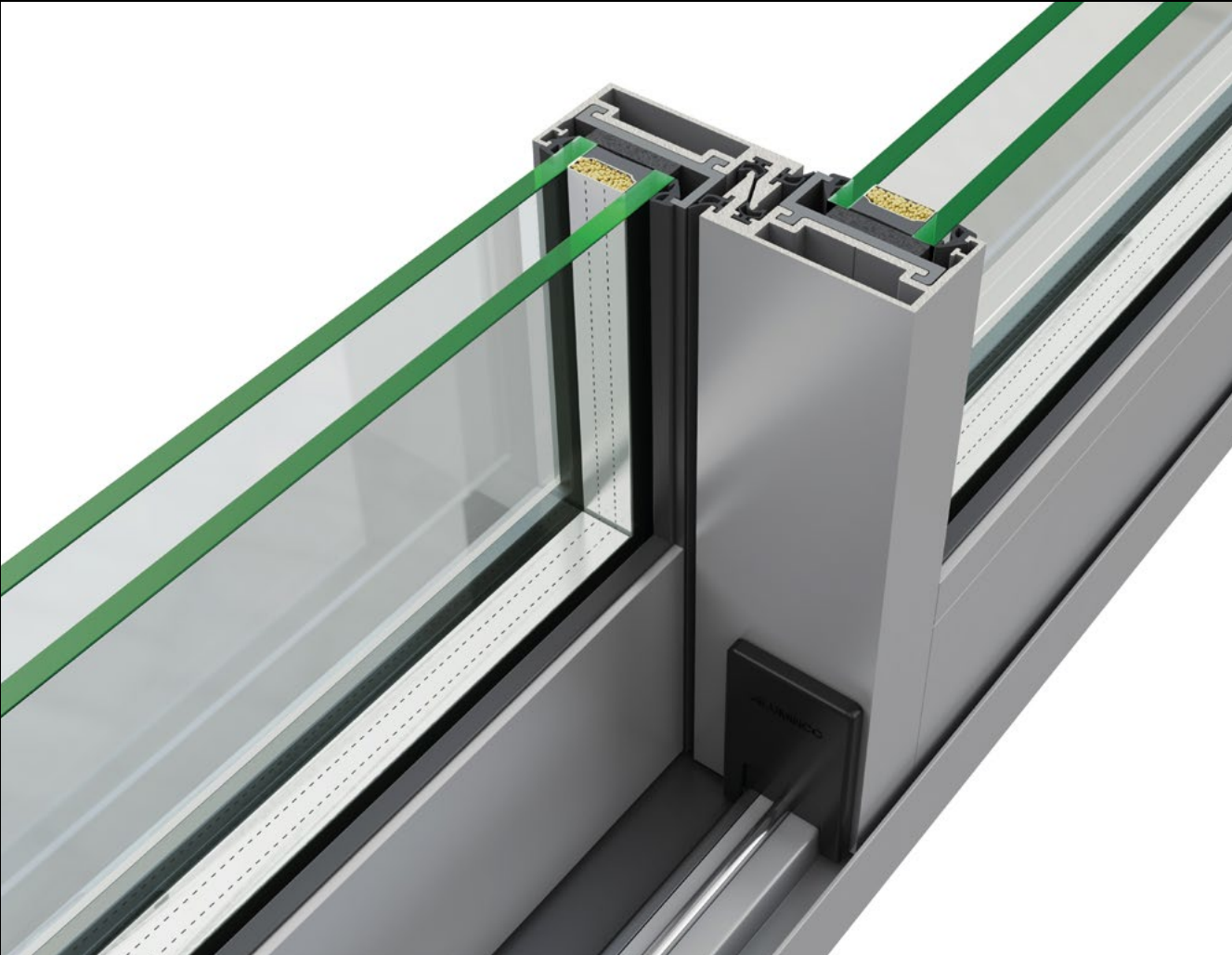
ALL
DESIGN ELEMENTS
PERFECTLY TUNED
TO ONE ANOTHER

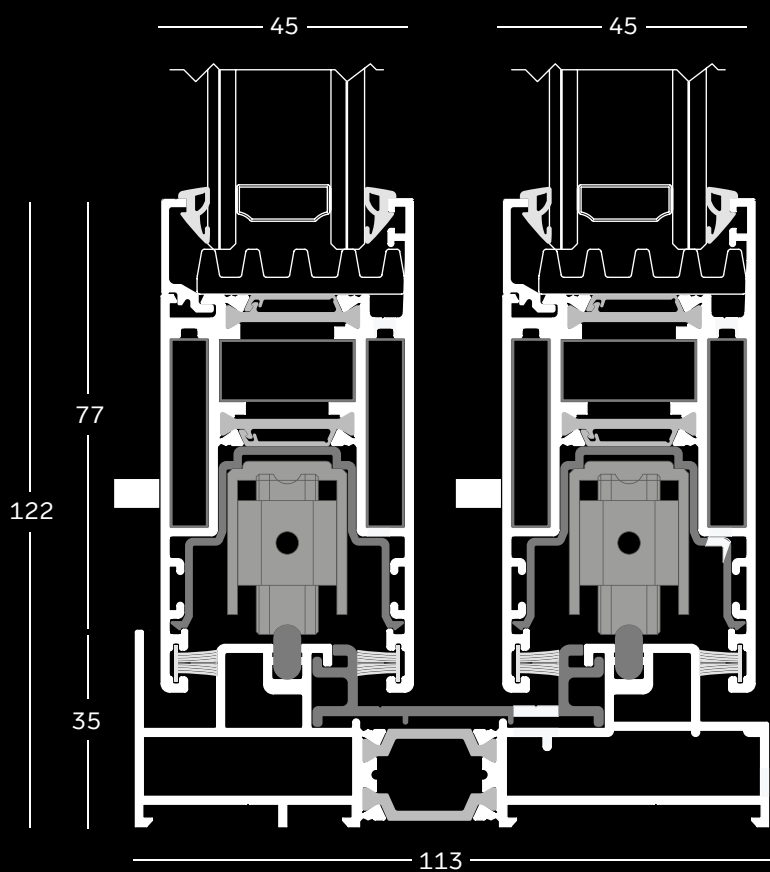


The architectural aesthetics are depicted on the 30 mm interlocking face width which permits greater visibility and flow of light, while the low threshold offers extra comfort and easier access.



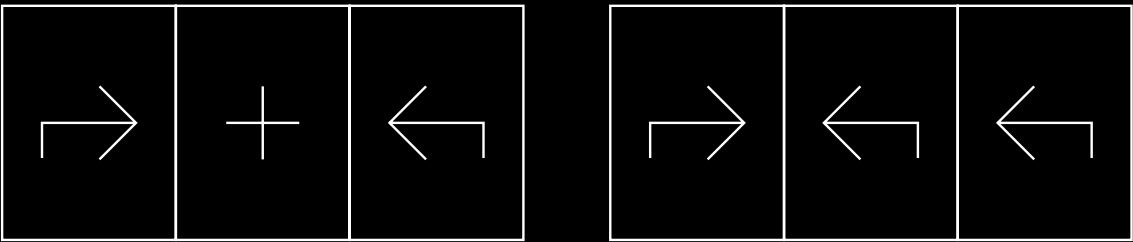
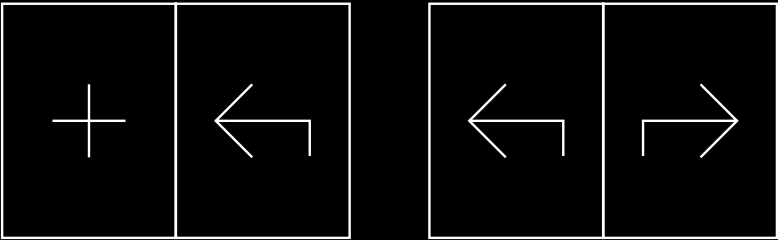
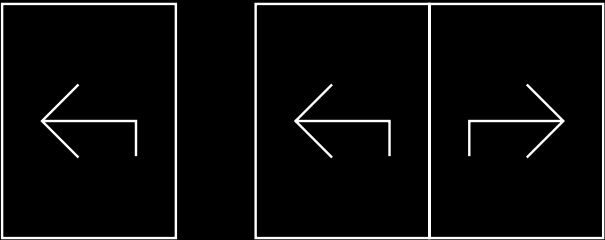
STYLISH CLEAN DESIGN

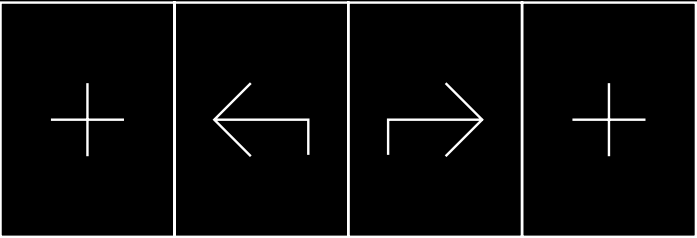
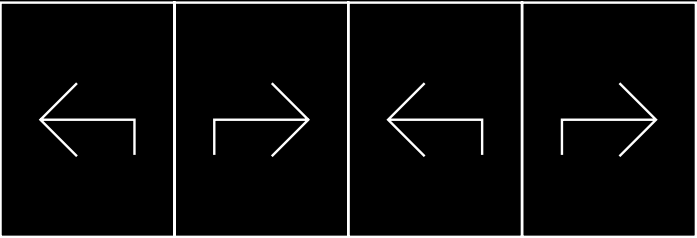
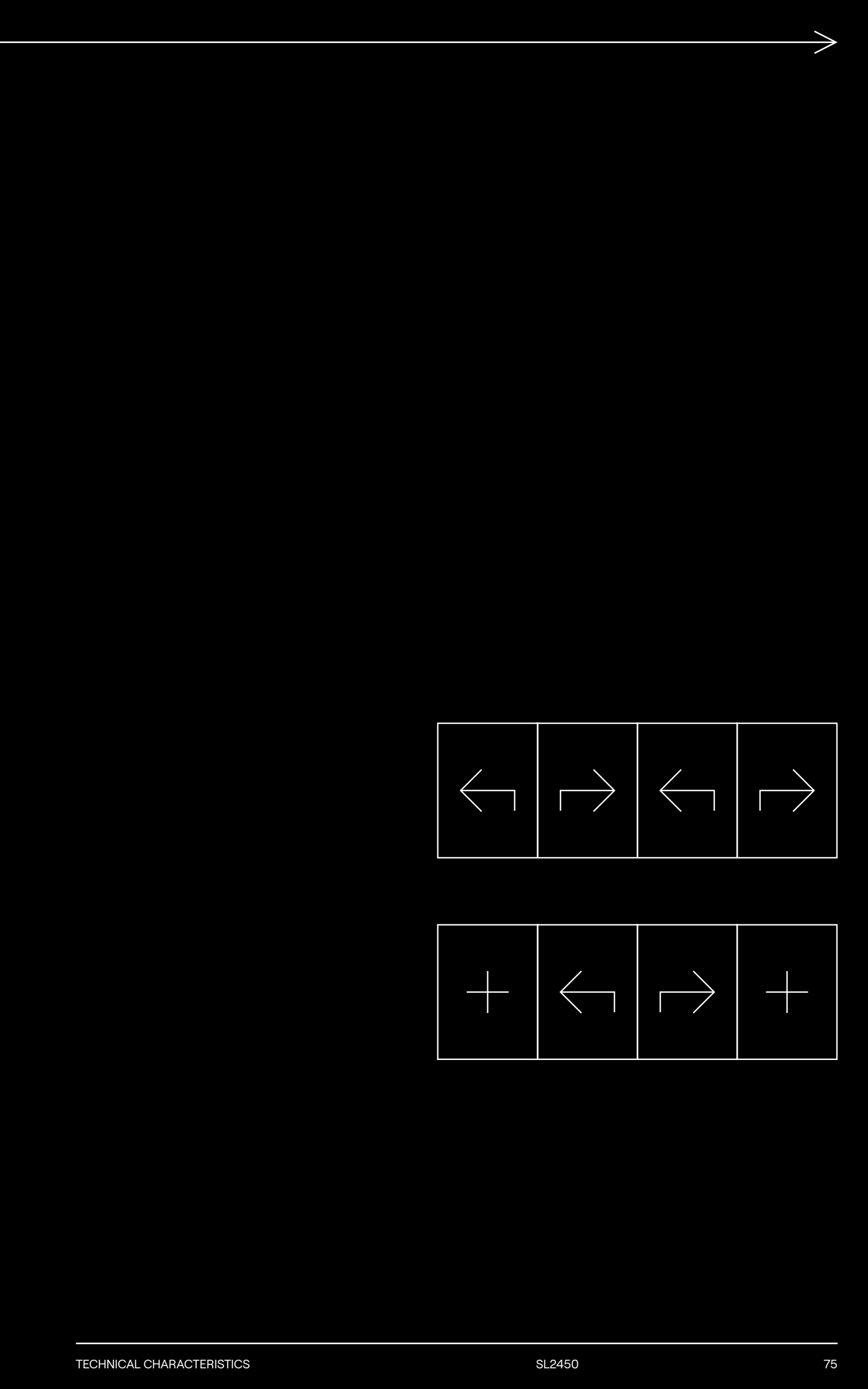




EASY ACCESS THRESHOLD









↓ HARDWARE

SLIDING

LIFT & SLIDE

↓ INSULATION

POLYAMIDES mm 32

↓ SYSTEM PROFILE DIMENSIONS

FRAME LIFT & SLIDE WIDTH mm 113

MIN. TRACK HEIGHT mm	35
----------------------	----

MIN. INTERLOCK WIDTH mm	30
-------------------------	----

GLASS THICKNESSES mm 24-28

↓ UNIT DIMENSIONS

MAX. SASH WIDTH mm 2000

MAX. SASH HEIGHT mm 2700

MAX. SASH WEIGHT Kg	250
---------------------	-----



↓ TESTS AND STANDARDS

OPERATING FORCES EN 13115	CLASS 1
AIR PERMEABILITY EN 12207	CLASS 4
WATERTIGHTNESS EN 12208	CLASS 3A
WIND LOAD RESISTANCE EN 12210	CLASS C4/B4
SOUND REDUCTION EN 717	R _w VALUES TO 40 dB
THERMAL INSULATION EN ISO 10077-2	U _f VALUES FROM 1.9 W/(m²K)

THE SLIDERS



FD4600

FOLDING
THERMAL
INSULATING
DOOR SYSTEM



FD4600 is a top-class insulating system for folding doors, offering extremely high performance and impressive, out of competition, properties.

The desire to create living spaces filled with daylight was never so feasible. This high-performance system offers this advantage, as well as a minimal design, high insulation and functionality with hardware that have specifically been designed for folding systems.

Suitable for many different typologies, having the greatest advantage of corner opening without any column. This unique feature ensures maximum transparency and easy opening, whilst another practical feature is that one leaf can act as an opening door without interrupting the other folding leaves.

FD4600 is available in multiple threshold options to perfectly match all comfort and aesthetic requirements. The low threshold option offers a rise of only 24 mm (ramp) giving easy access to people with special needs and allowing maximum convenience for high-traffic areas. Specially designed rolling hinges, sliding smoothly on the bottom rail, ensure quietly and easily operation of the system.

SYSTEM IDENTITY





DINING SPACE
AND TERRACE
BECOME ONE





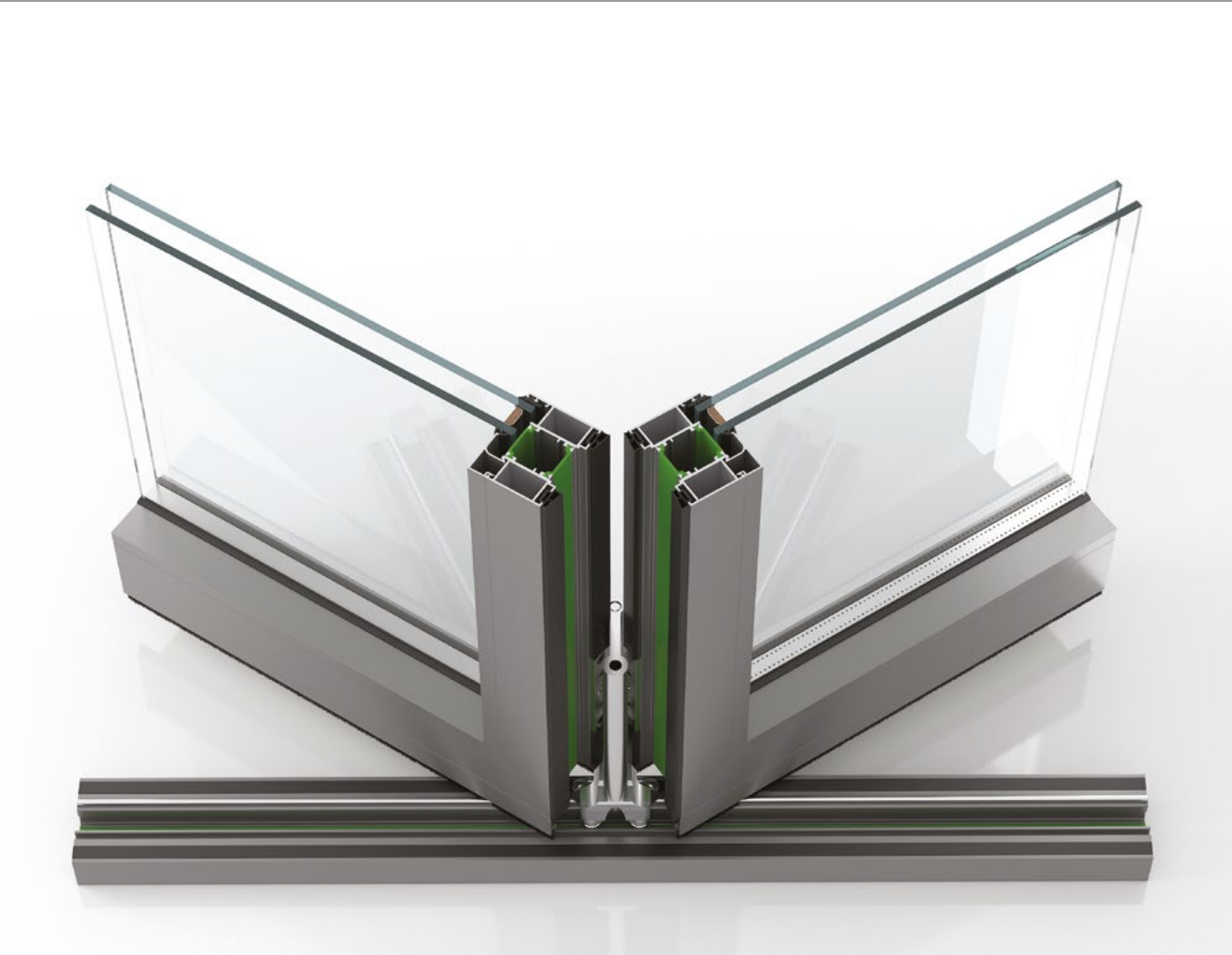
FD4600

OPERATING
AT THE HIGHEST
LEVELS OF
APPEARANCE
& PERFORMANCE



Visible aluminium sash to sash 124 mm.

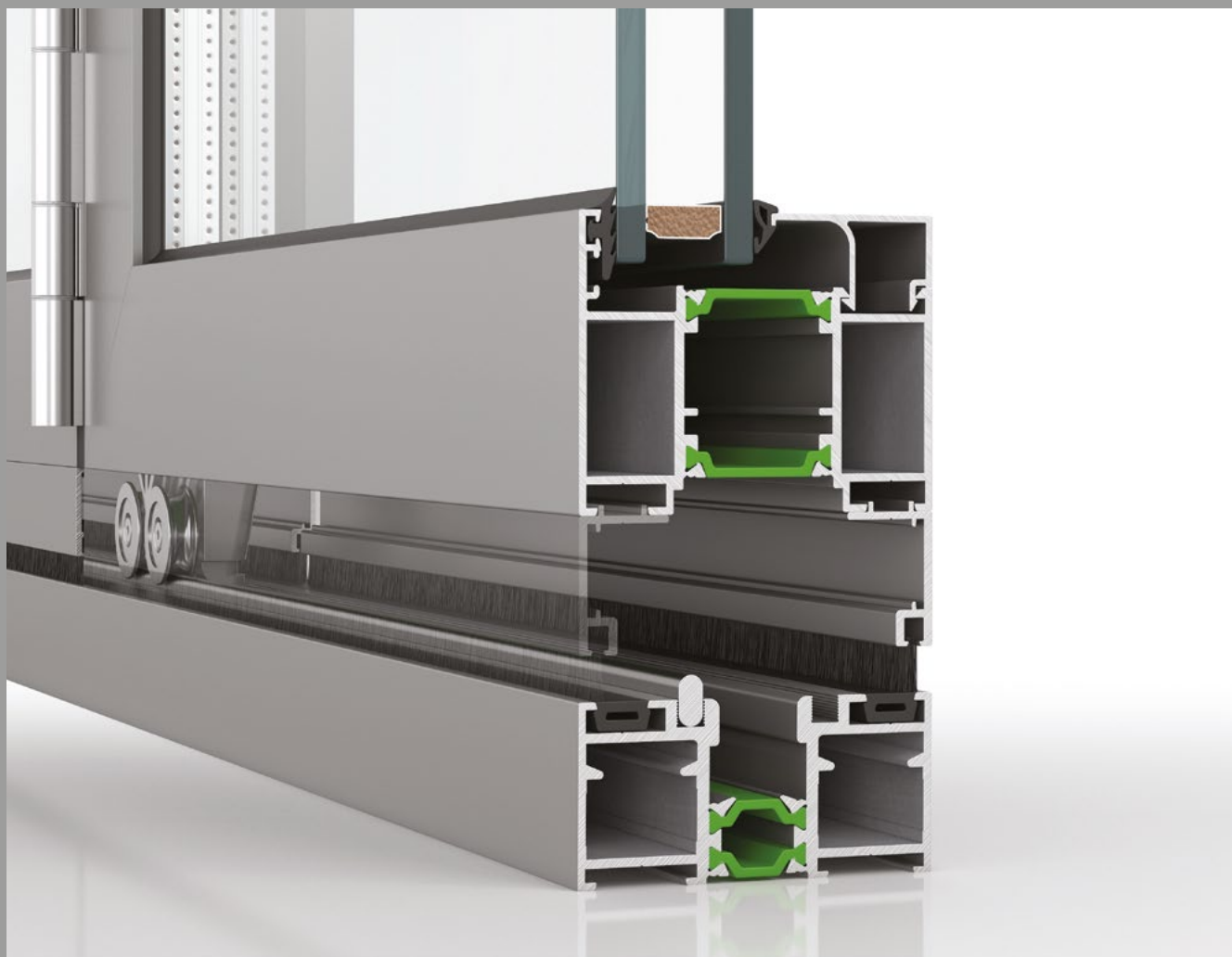
LOW SIGHT LINES





Ultra-smooth, bottom running operation by using specially designed roller hardware carrying maximum weight of 120 Kg per leaf.

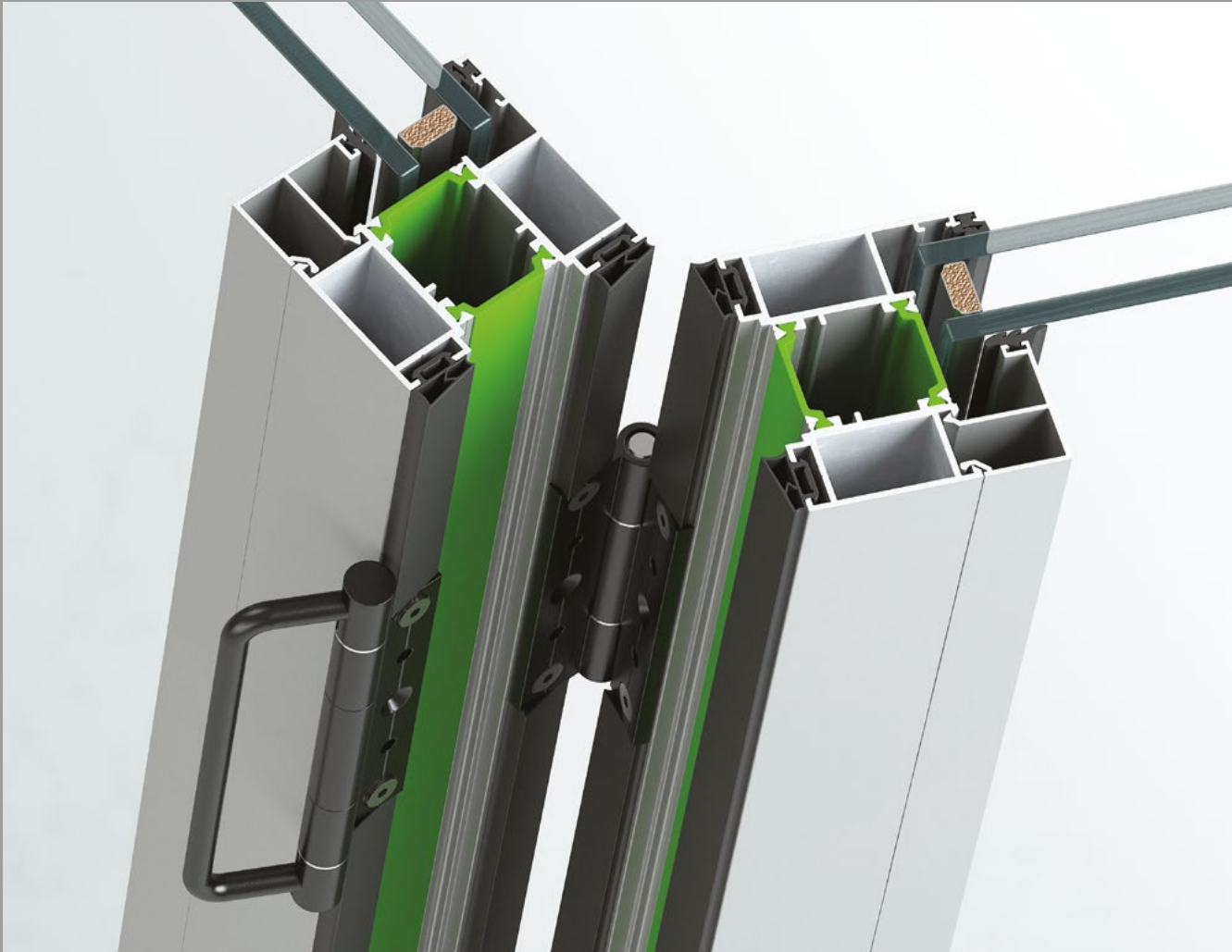
BOTTOM-SLIDE OPERATION





Special hinge with integrated built-in handle for easy locking.

SPECIAL HINGE





Possibility of open corners without any post. Perfect choice for private homes, offices, restaurants, and recreational areas.

OPEN CORNERS



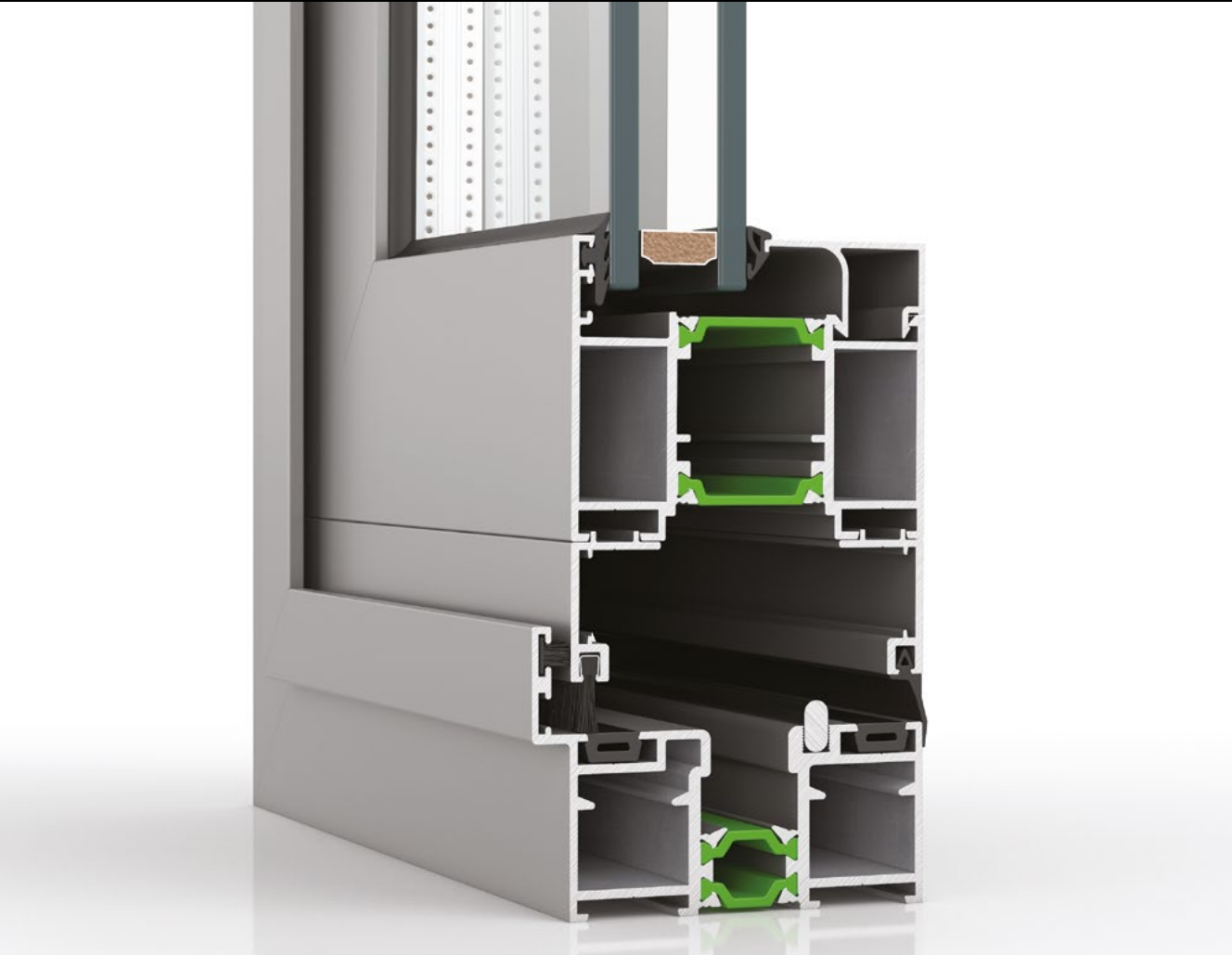
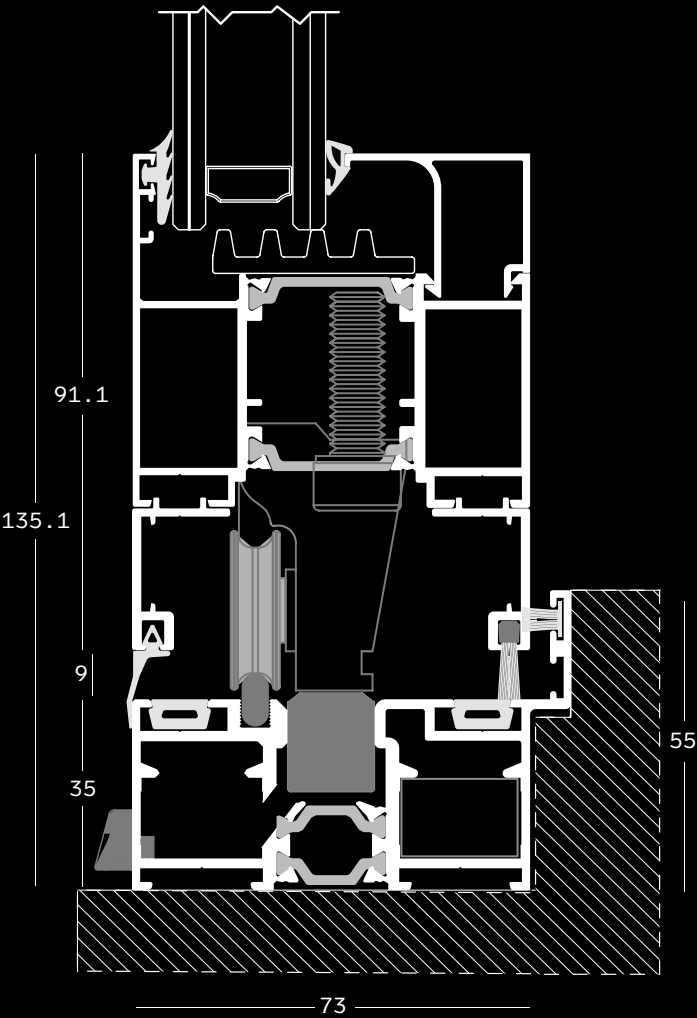
TECHNICAL CHARACTERISTICS

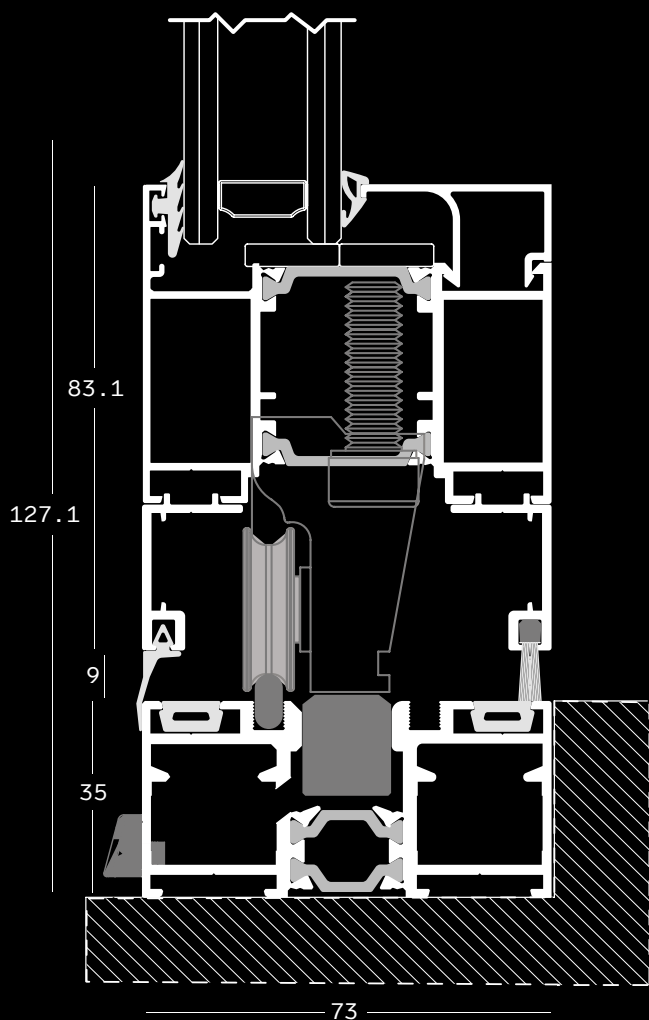


FD4600

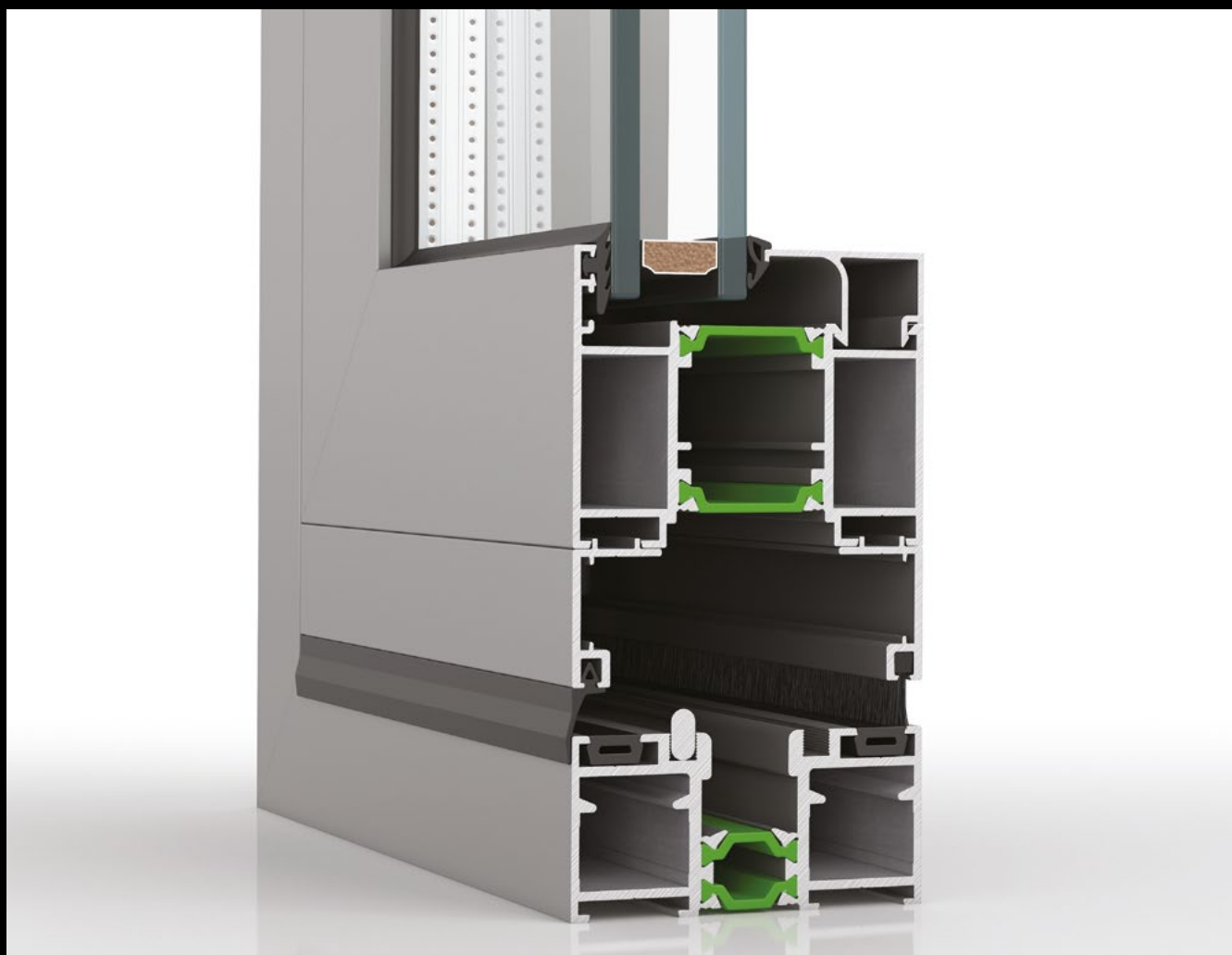
MULTIPLE
THRESHOLD
OPTIONS
FOR BOTH
COMMERCIAL
& RESIDENTIAL
APPLICATIONS

HIGH
PERFORMANCE
THRESHOLD

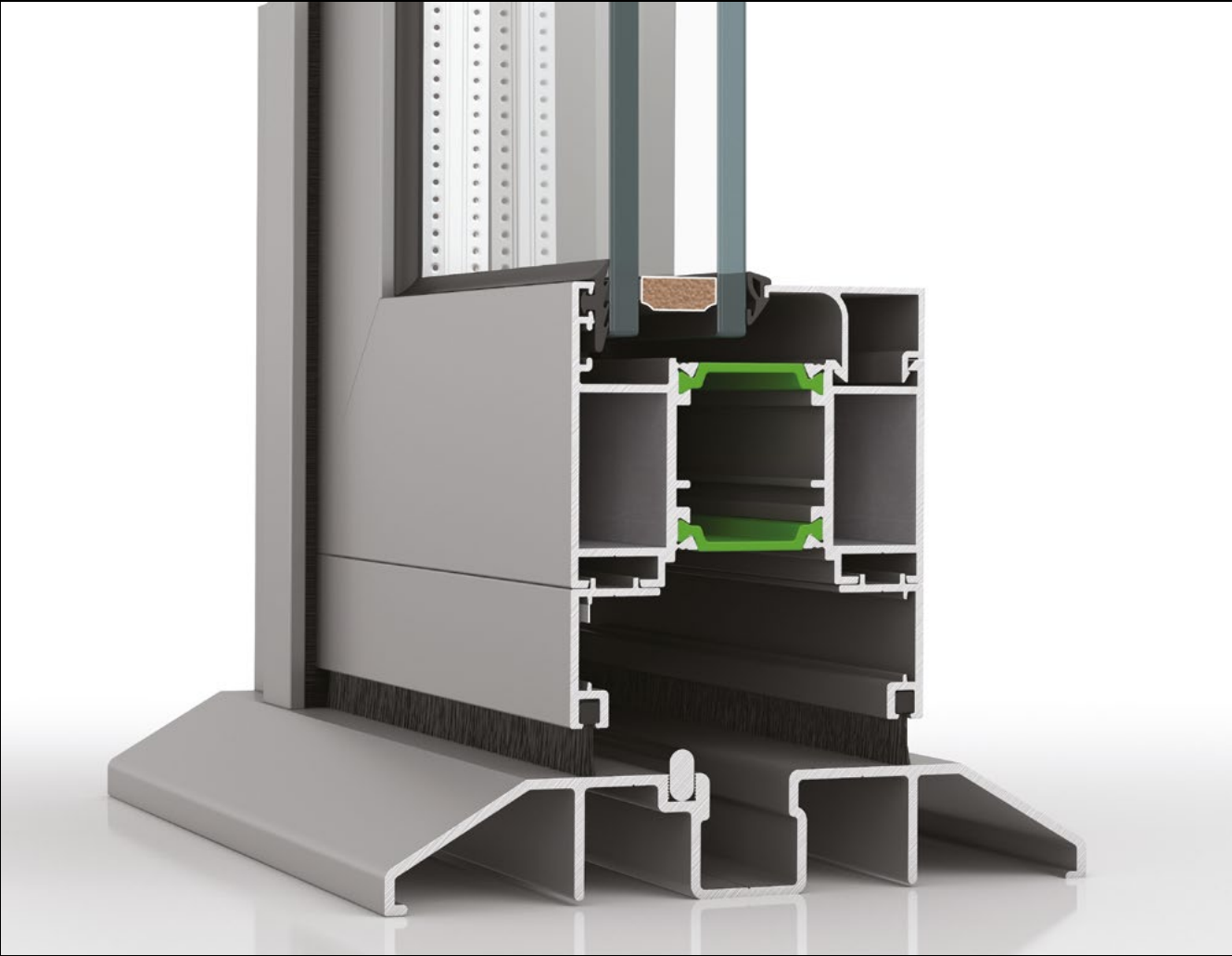


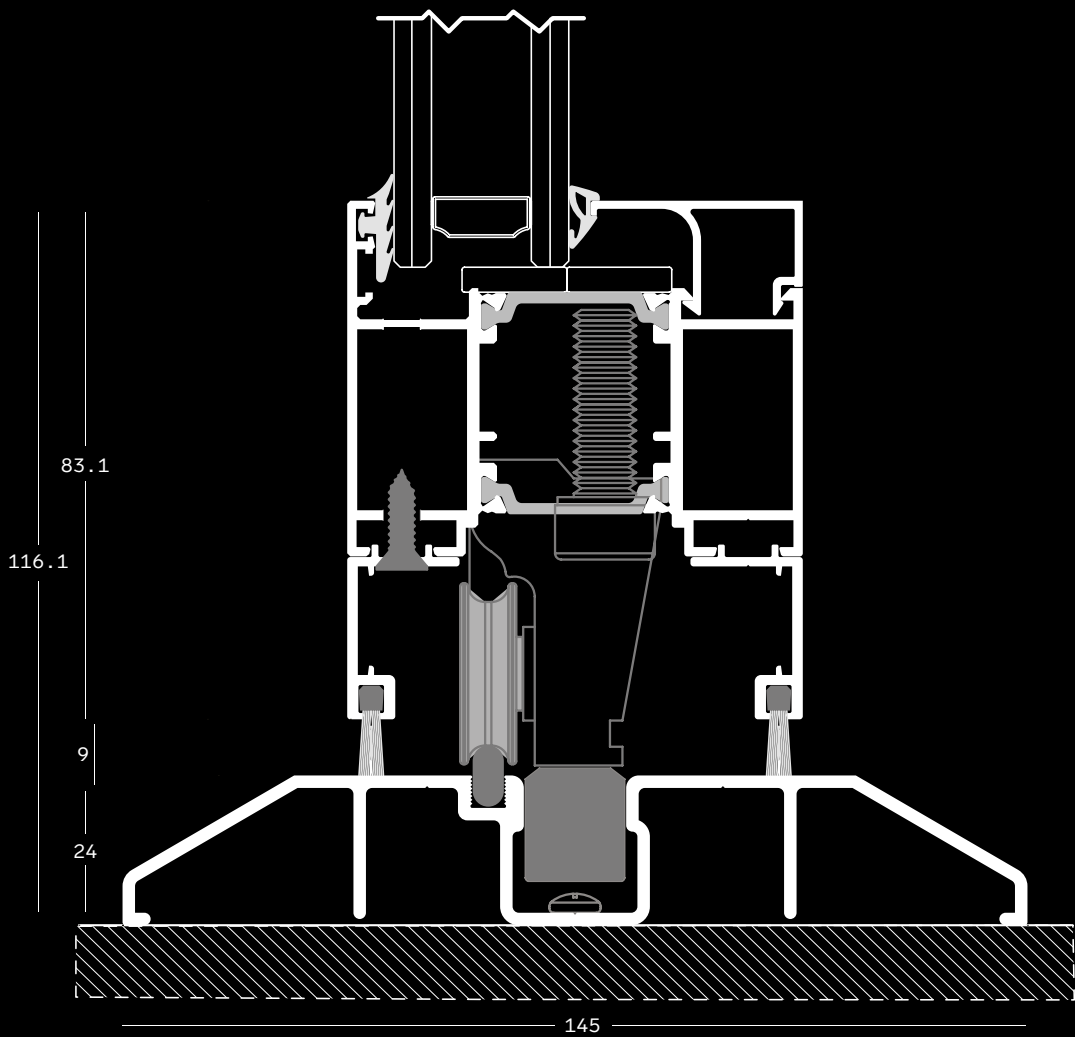


LOW THRESHOLD

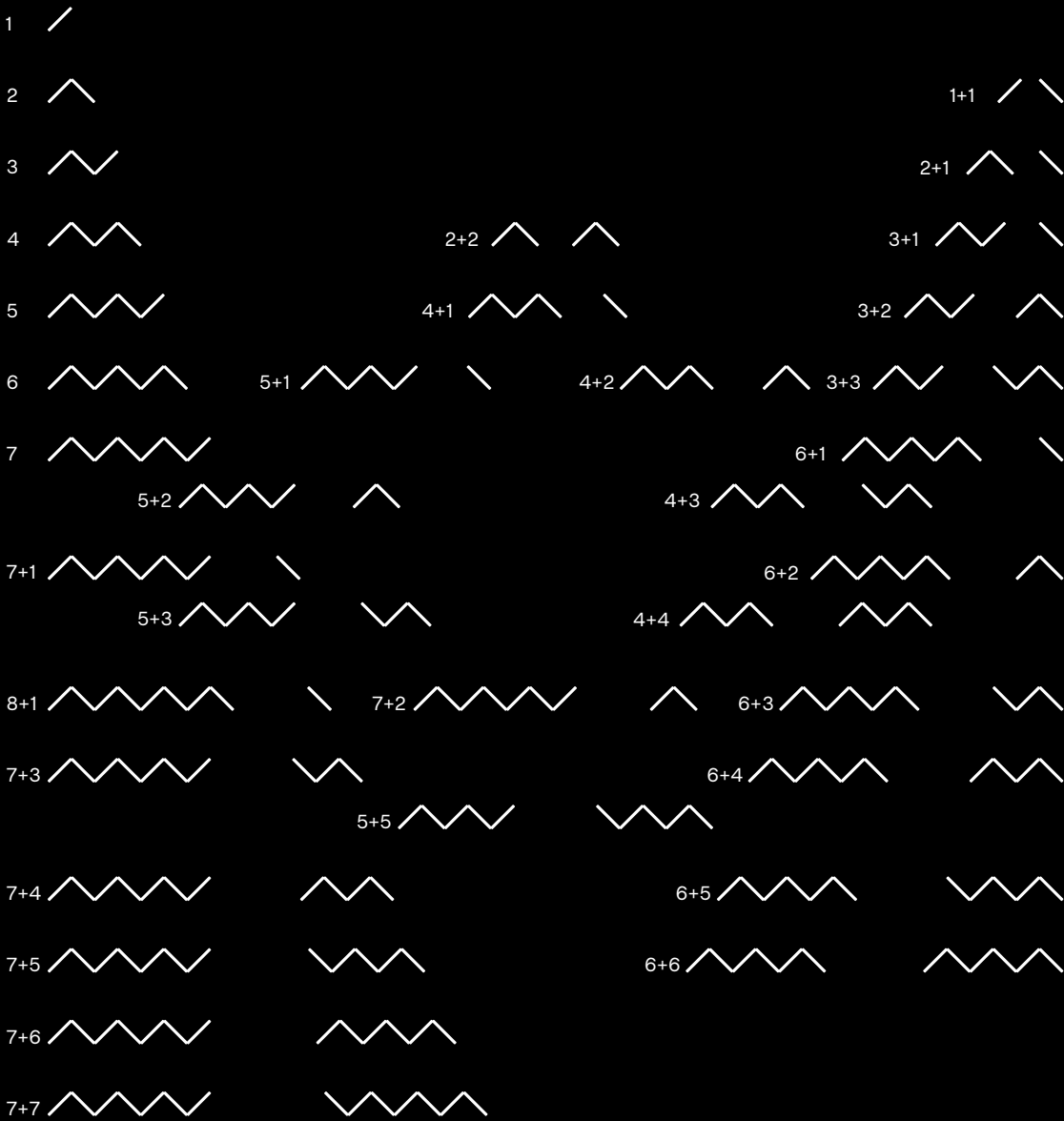


EASY ACCESS THRESHOLD





LINEAR





CORNER

2+2



3+2



3+3



↓

HARDWARE

BI-FOLDING

↓

INSULATION

POLYAMIDES mm30

↓

SYSTEM PROFILE DIMENSIONS

MIN. TRACK HEIGHT mm73

MIN. TRACK WIDTH mm24

MIN. VENT-VENT WIDTH mm124

GLASS THICKNESSES mm27–57

↓

UNIT DIMENSIONS

MAX. SASH WIDTH mm1200

MAX. SASH HEIGHT mm3000

MAX. SASH WEIGHT Kg120

↓

TESTS AND STANDARDS

AIR PERMEABILITY EN 12207CLASS 3

WATERTIGHTNESS EN 12208CLASS 2A

WIND LOAD RESISTANCE EN 12210CLASS C3/B4

THERMAL INSULATION EN ISO 10077-2U_f VALUES FROM 2.1 W/(m²K)



ALUMINCO

THE WINDOWS

THE WINDOWS



W4900

PASSIVE HOUSE
WINDOW SYSTEM
FOR SUSTAINABLE
ARCHITECTURE



The Aluminco W4900 aluminium window system has been certified by the Passive House Institute (PHI) in order to meet the high requirements of passive houses.

It incorporates all the well-known benefits of aluminium windows such as stability and high structural requirements with a superior level of thermal insulation value of $U_w=0.78 \text{ W/m}^2\text{K}$ and the greatest possible degree of architectural design freedom.

SYSTEM IDENTITY







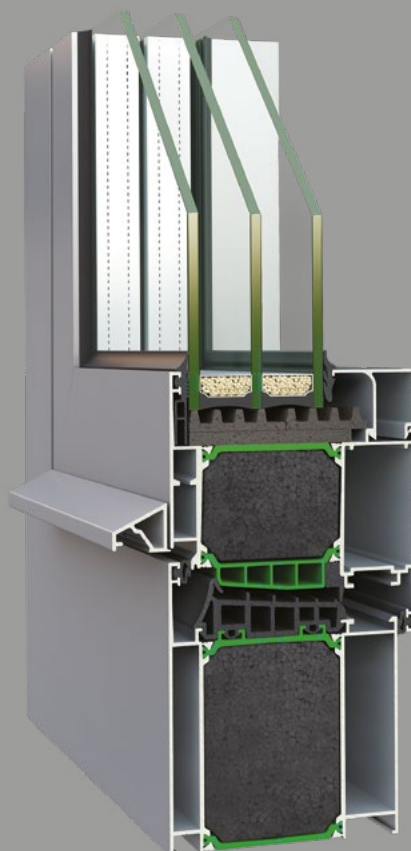
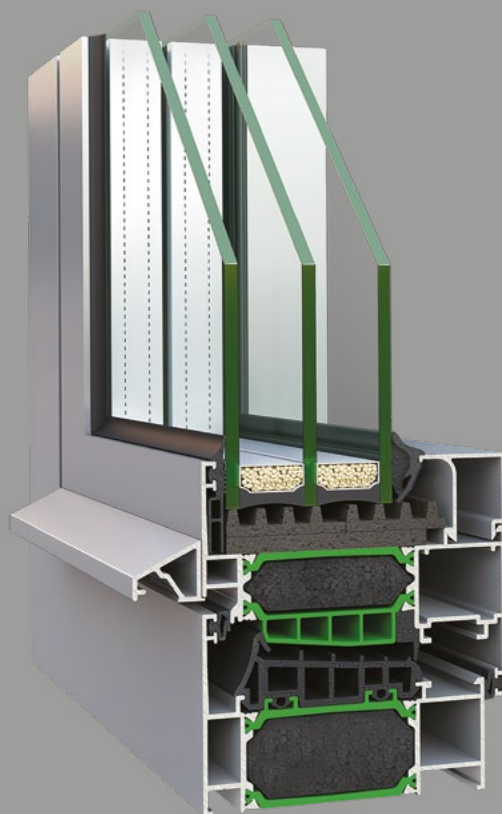
LIVING SPACES
WITH ENERGY
TO SPARE





W4900

ENERGY & DESIGN

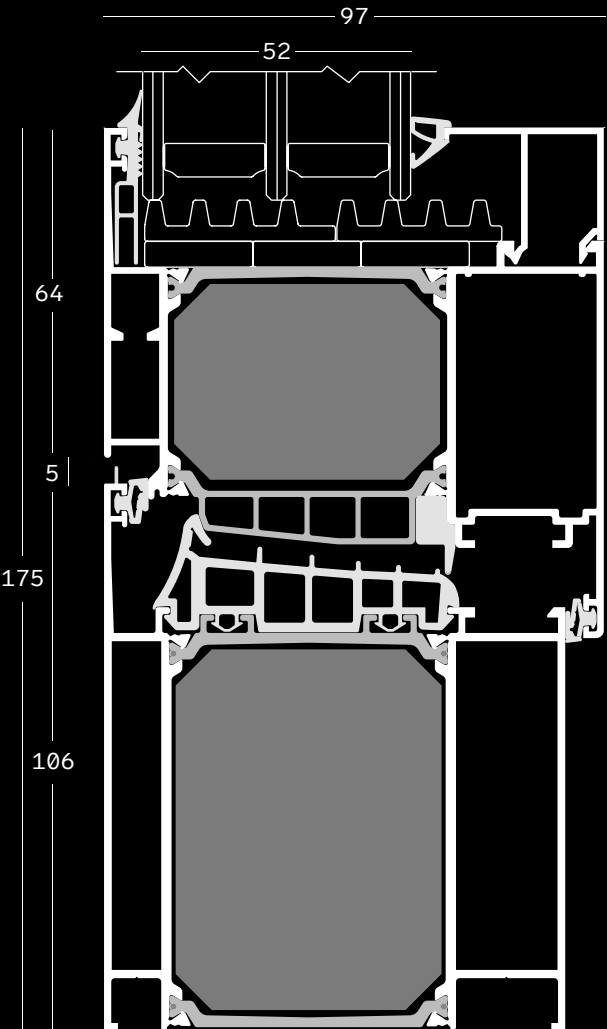
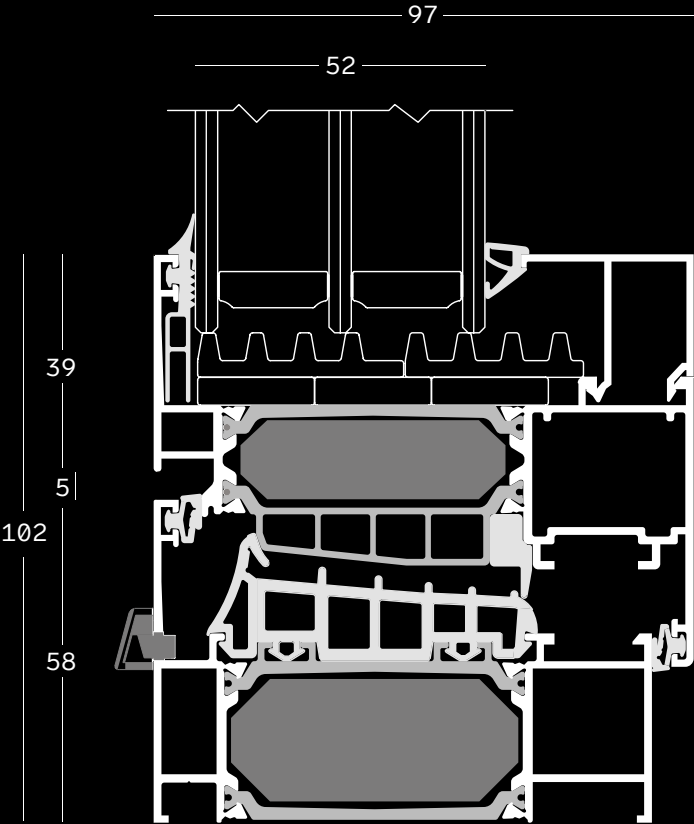


TECHNICAL CHARACTERISTICS



W4900

ENERGY
EFFICIENCY
& SUSTAINABILITY



↓

HARDWARE

CASEMENT

TILT & TURN

↓

INSULATION

POLYAMIDES mm54

FOAM

↓

SYSTEM PROFILE DIMENSIONS

MIN. FRAME DEPTH mm89.5

MIN. FACE HEIGHT mm102

GLASS THICKNESSES mm48–80

MAX. SASH WEIGHT Kg200

↓

TESTS AND STANDARDS

THERMAL INSULATION EN ISO 10077-2U_f VALUES TO
0.76 W/(m²K)

THE WINDOWS



W4750

TILT & TURN
THERMAL
INSULATING
SYSTEM
FOR THE MOST
DEMANDING
REQUIREMENTS



The Aluminco W4750 is a new advanced aluminium system that combines the proven benefits of hinged windows and doors – elegant design and maximum safety - with the highest thermal insulation requirements.

Three incomparable advantages, the use of 39 mm reinforced polyamides, the EPDM central gasket and the advanced perimeter locking mechanism, all in one system offer an outstanding Thermal Insulation Index $U_f \geq 1.2 \text{ W/m}^2\text{K}$.

It constitutes an ideal solution for high-end residential and commercial projects that require high energy efficient performance with a high degree of design along with top functionality.

SYSTEM IDENTITY





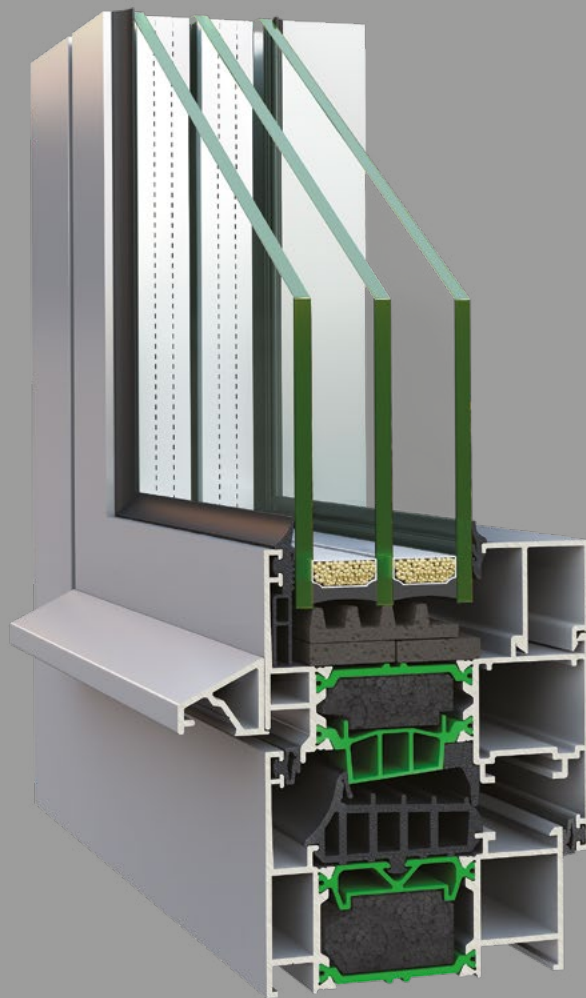
SUPERIOR
PERFORMANCE
ANYWHERE





W4750

ENERGY & DESIGN

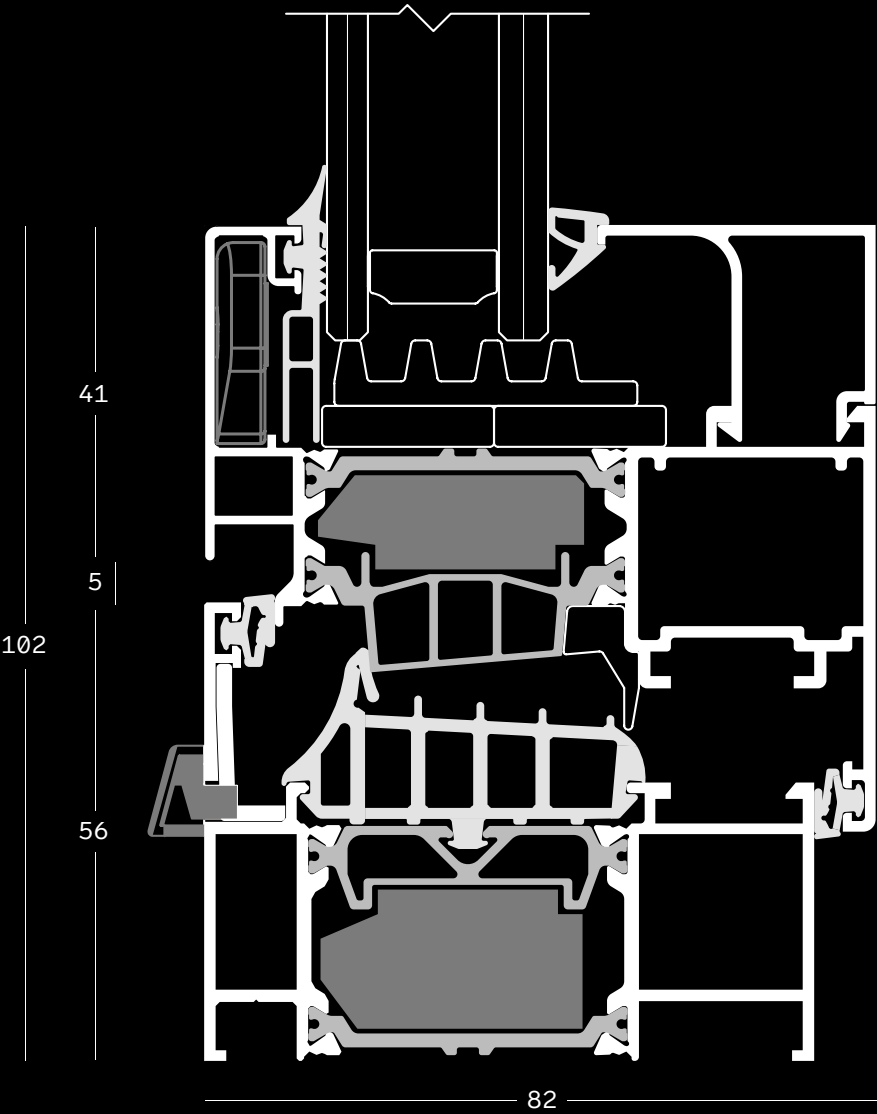


TECHNICAL CHARACTERISTICS



W4750

IMPRESSIVE PERFORMANCE PROPERTIES



↓

HARDWARE

CASEMENT

TILT & TURN

↓

INSULATION

POLYAMIDES mm39

FOAM

↓

SYSTEM PROFILE DIMENSIONS

MIN. FRAME WIDTH mm74.5

MIN. FACE HEIGHT mm102

GLASS THICKNESSES mm21–66

MAX. SASH WEIGHT Kg200

↓

TESTS AND STANDARDS

AIR PERMEABILITY EN 12207CLASS 4

WATERTIGHTNESS EN 12208E1200 1200 Pa

WIND LOAD RESISTANCE EN 12210CLASS C5/B5

SOUND REDUCTION EN 717R_w VALUES TO 39 dB

THERMAL INSULATION EN ISO 10077-2U_f VALUES FROM 1.2 W/(m²K)

THE WINDOWS



W450 / 450HS

TILT & TURN
THERMAL
INSULATING
SYSTEM WITH A
COMPREHENSIVE
RANGE
OF SOLUTIONS



The W450 is the basic series offering a comprehensive range of solutions for special design requirements. High-performance properties are created to meet the needs for contemporary energy efficiency, sound reduction, aesthetics, and safety.

This product line's wide profile range collaborate perfectly with high-quality components and mechanisms, offering a variety of functional and aesthetic options, from flat to curved sections, as well as the ability to construct complex typologies such as «aller-retour» doors, rotating pivot windows and «hidden sash» openings to achieve high quality aesthetics.

The system's priority for maximum thermal insulation and enhanced sound reduction is ensured due to the possibility of perimetric locking and the use of 24 mm reinforced polyamides, offering Thermal Insulation Index U_f from 2.2 W/m²K and Sound Reduction Index R_w of 43 dB.

W450



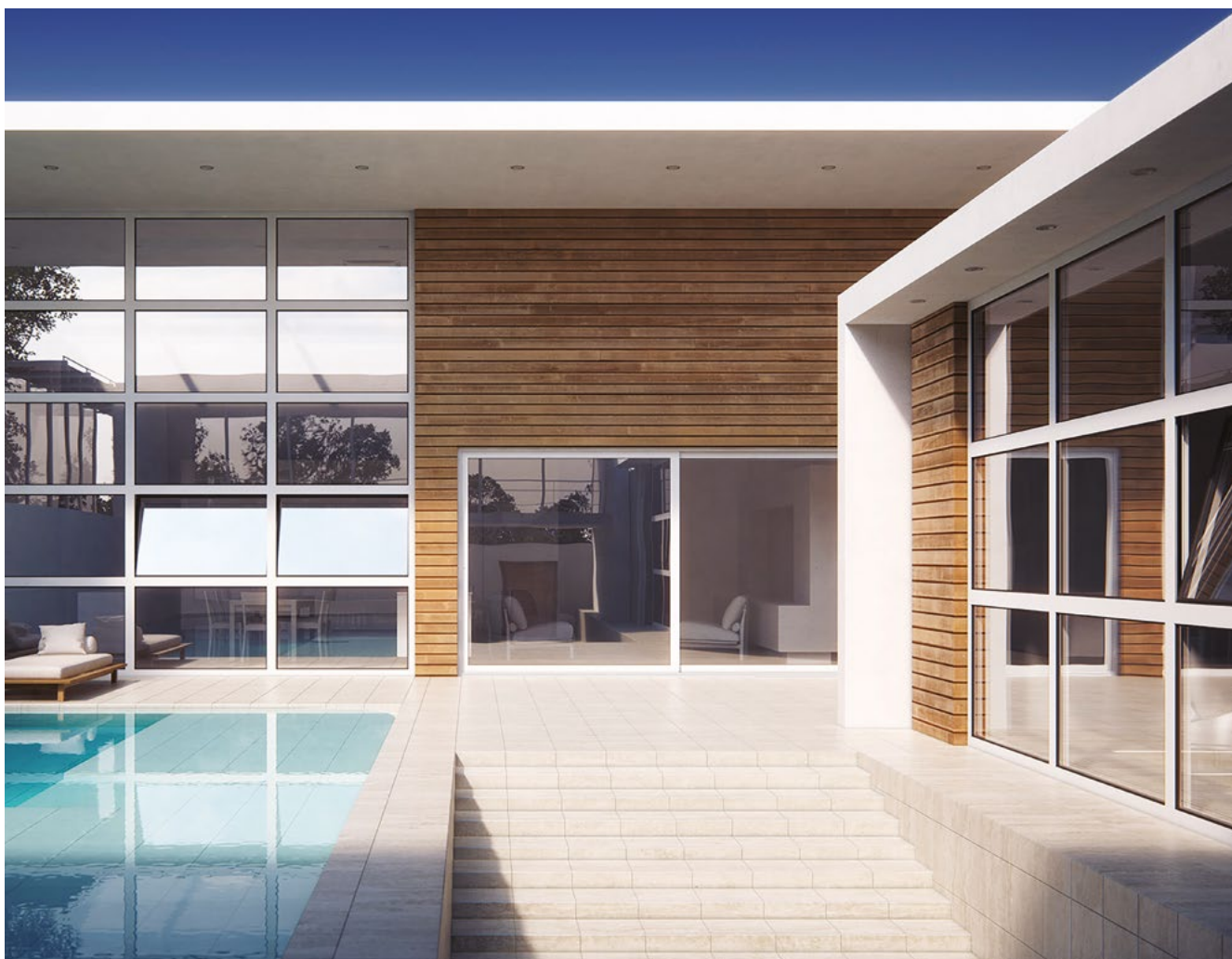


The W450 Hidden Sash consists of the hidden frame of the W450 system, offering a clean and elegant aesthetic effect along with the safety and functionality ensured by the perimetric mechanism.

Its contemporary architectural design is reflected not only in its modern appearance but also in its 72 mm face height that maximizes the field of vision and at the same time allows the maximum possible flow of natural light inside the building.

The use of 31.8 mm glass reinforced polyamides ensures a high thermal insulation of U_f from 1.6 W/m²K, while the specially designed EPDM gaskets and the advanced perimetric mechanism ensure absolute water tightness and wind resistance.

W450HS





HIDDEN OPENNESS
PROVIDE UPSCALE
EXTERIOR LOOK





W450 / 450HS

ENERGY & DESIGN



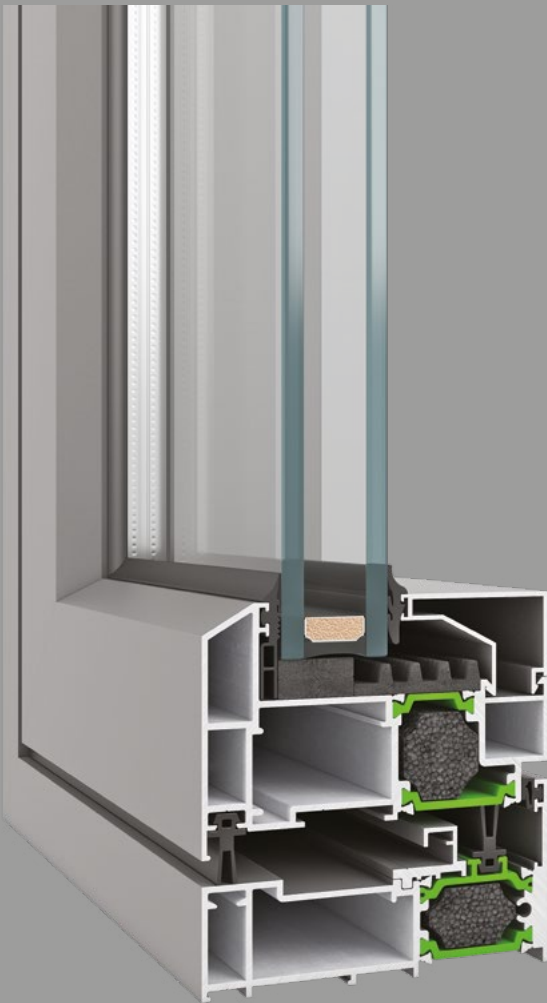
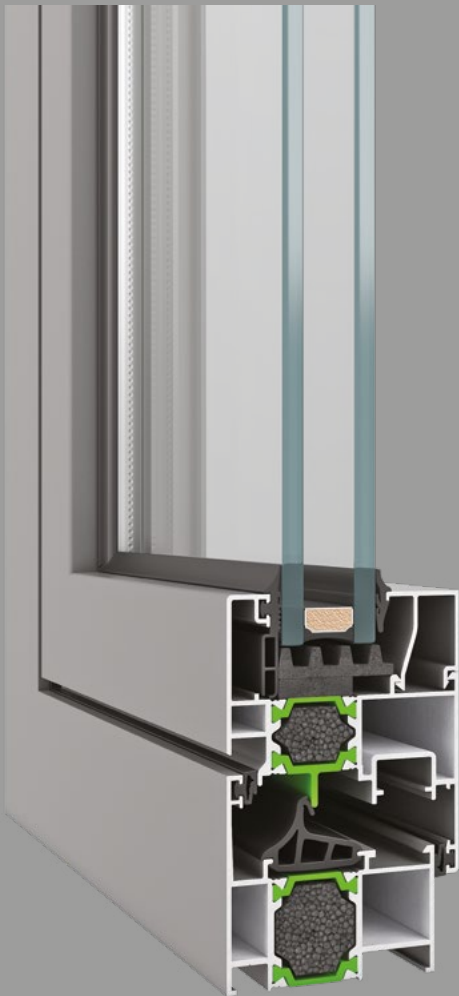
Multiple locking combined with the highest thermal and sound performance insulation ensure excellent quality, functionality, and significant energy saving.

Large range of aesthetic solutions, profiles in flat and curved line

Use of glass reinforced polyamides of 24 mm offer thermal insulation $U_w=1.4 \text{ W/m}^2\text{K}$.

Multi-chamber central gasket that secures optimum impermeability preventing energy loss.

W450 ENERGY & DESIGN





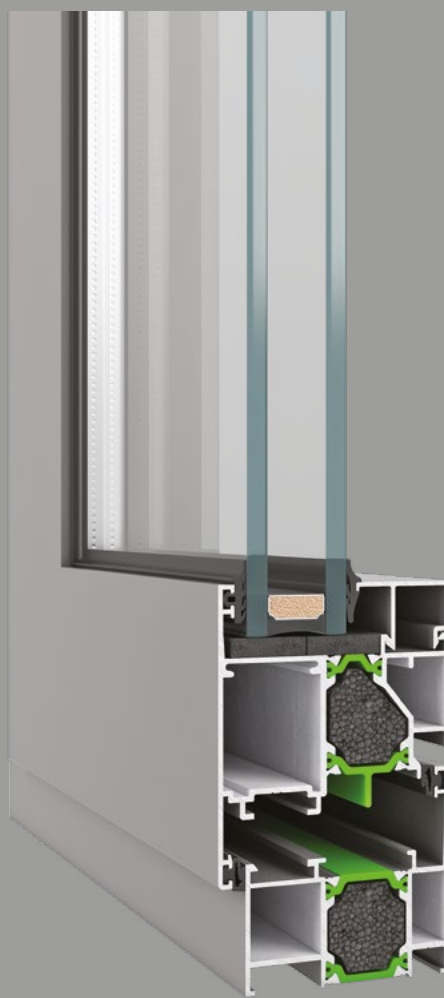
Hidden sash with frame height 72 mm

Outstanding thermal insulation U_f values from $1.6 \text{ W/(m}^2\text{K)}$

Use of glass reinforced polyamides of 30 mm offer thermal insulation $U_w=1.7 \text{ W/m}^2\text{K}$.

Frameless hinged robust constructions of special design

W450HS ENERGY & DESIGN

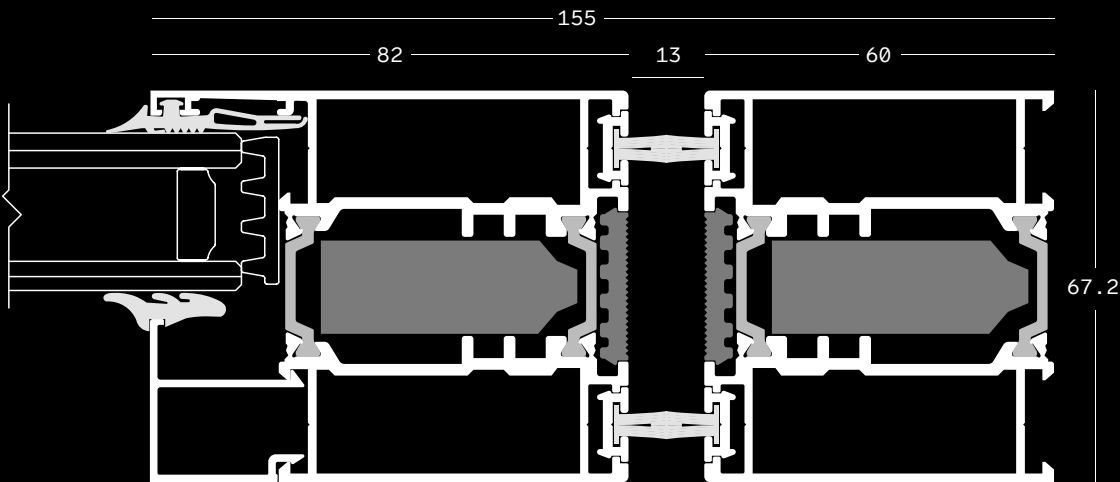
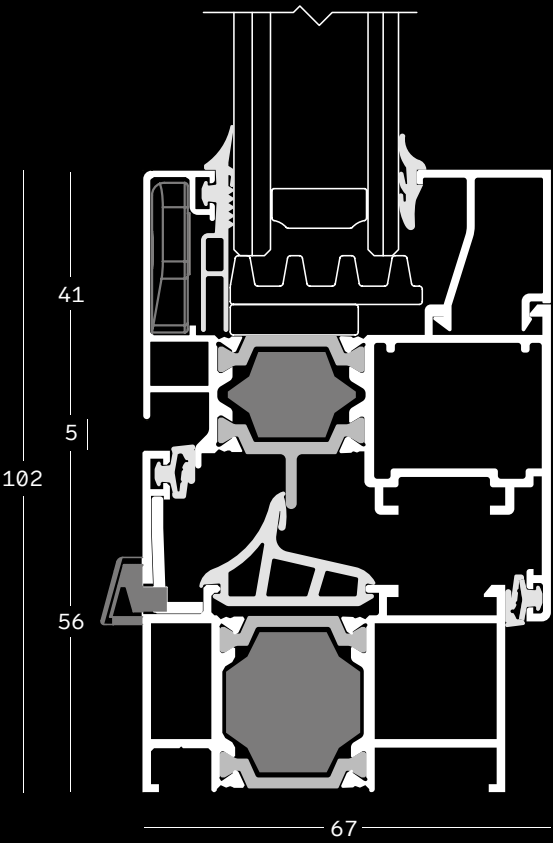


TECHNICAL CHARACTERISTICS



W450 / 450HS

HIGH-QUALITY
WINDOW
SYSTEM WITH A
COMPREHENSIVE
RANGE
OF SOLUTIONS



↓

HARDWARE

CASEMENT

TILT & TURN

↓

INSULATION

POLYAMIDES mm24

FOAM

↓

SYSTEM PROFILE DIMENSIONS

MIN. FRAME WIDTH mm59.5

MIN. FACE HEIGHT mm102

GLASS THICKNESSES mm15–51

MAX. SASH WEIGHT Kg200

↓

TESTS AND STANDARDS

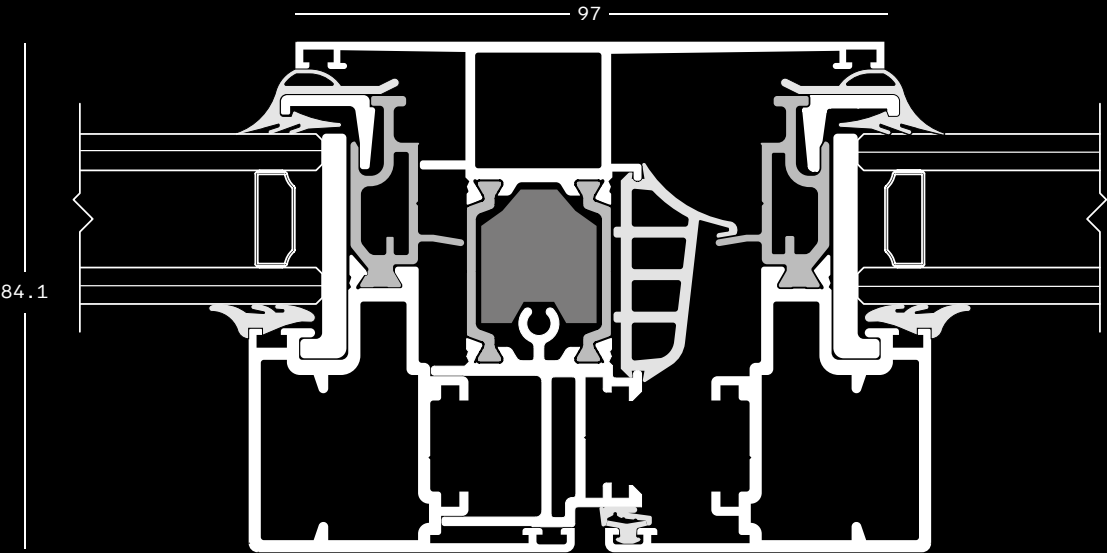
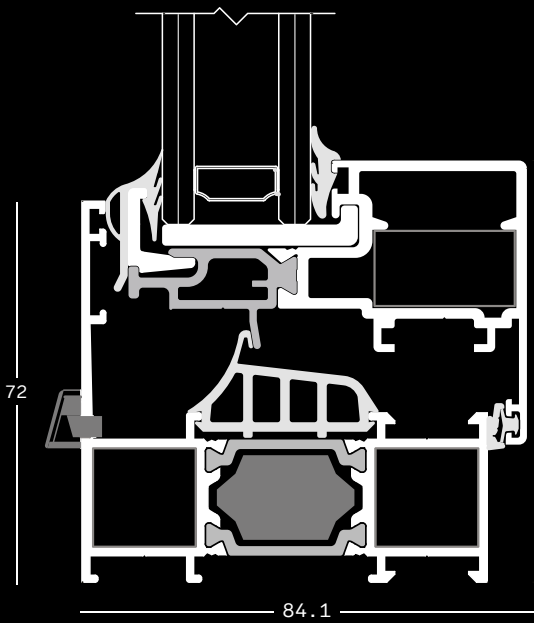
AIR PERMEABILITY EN 12207CLASS 4

WATERTIGHTNESS EN 12208CLASS 8A

WIND LOAD RESISTANCE EN 12210CLASS C5/B5

SOUND REDUCTION EN 717R_w VALUES TO 43 dB

THERMAL INSULATION EN ISO 10077-2U_f VALUES FROM 2.2 W/(m²K)





↓ **HARDWARE**

CASEMENT

TILT & TURN

↓ **INSULATION**

POLYAMIDES mm 30

FOAM

↓ **SYSTEM PROFILE DIMENSIONS**

MIN. FRAME WIDTH mm 76.6

MIN. FACE HEIGHT mm 72

GLASS THICKNESS mm 27

MAX. SASH WEIGHT Kg 200

↓ **TESTS AND STANDARDS**

AIR PERMEABILITY EN 12207 CLASS 4

WATERTIGHTNESS EN 12208 CLASS 7A

WIND LOAD RESISTANCE EN 12210 CLASS B4

THERMAL INSULATION EN ISO 10077-2 U_f VALUES FROM 1.6 W/(m²K)



ALUMINCO



THE DOORS



THE ENTRANCE DOORS



D110

PIVOT DOOR SYSTEM



Combining innovative technologies with special design lines, D110 Pivot Door by Aluminco creates the perfect entry into a home or commercial property.

Impactful and beautiful design options, coplanar surfaces, powerful hardware, massive panels, are combined to make our pivot door the number one choice for entry doors.

The innovative design of the system D110 can offer and deliver extremely large entrance doors, maximum comfort, and security for the user, while scoring high on energy-efficiency, functionality, and weather performances.

SYSTEM IDENTITY





THE EPITOME OF MAGNIFICENCE





D110

ENERGY & DESIGN



Excellent sealing, with the use of rubber gaskets, specially designed for Pivot Doors.

The continuous gasket in the center of the door's sash, provides a great level of air and water tightness, resulting in significant insulation.

With the use of special, glass reinforced, anti-distortion 32 mm polyamides, the system achieves the optimal thermal insulation co-efficient $U_d=0.69 \text{ W/m}^2\text{K}$.

The polyamides reduce functionality problems to a minimum and help accommodate the door deflection, due to inside-outside temperature differences.

The rotation around its axis allows the pivot door to function well in large openings that can reach 2 meters in width.

Increased security with the use of a stainless steel 3, 5 and 17-point lock with safety cylinder.

ENERGY + ENHANCED FUNCTIONS





It is designed to follow the trends of contemporary design, offering absolute flatness between the wall and the door.

Wide range of materials offer the opportunity to design your own door depending on the style and area preferences.

Low threshold of 20 mm provides easy access, ideal for people with mobility problems.

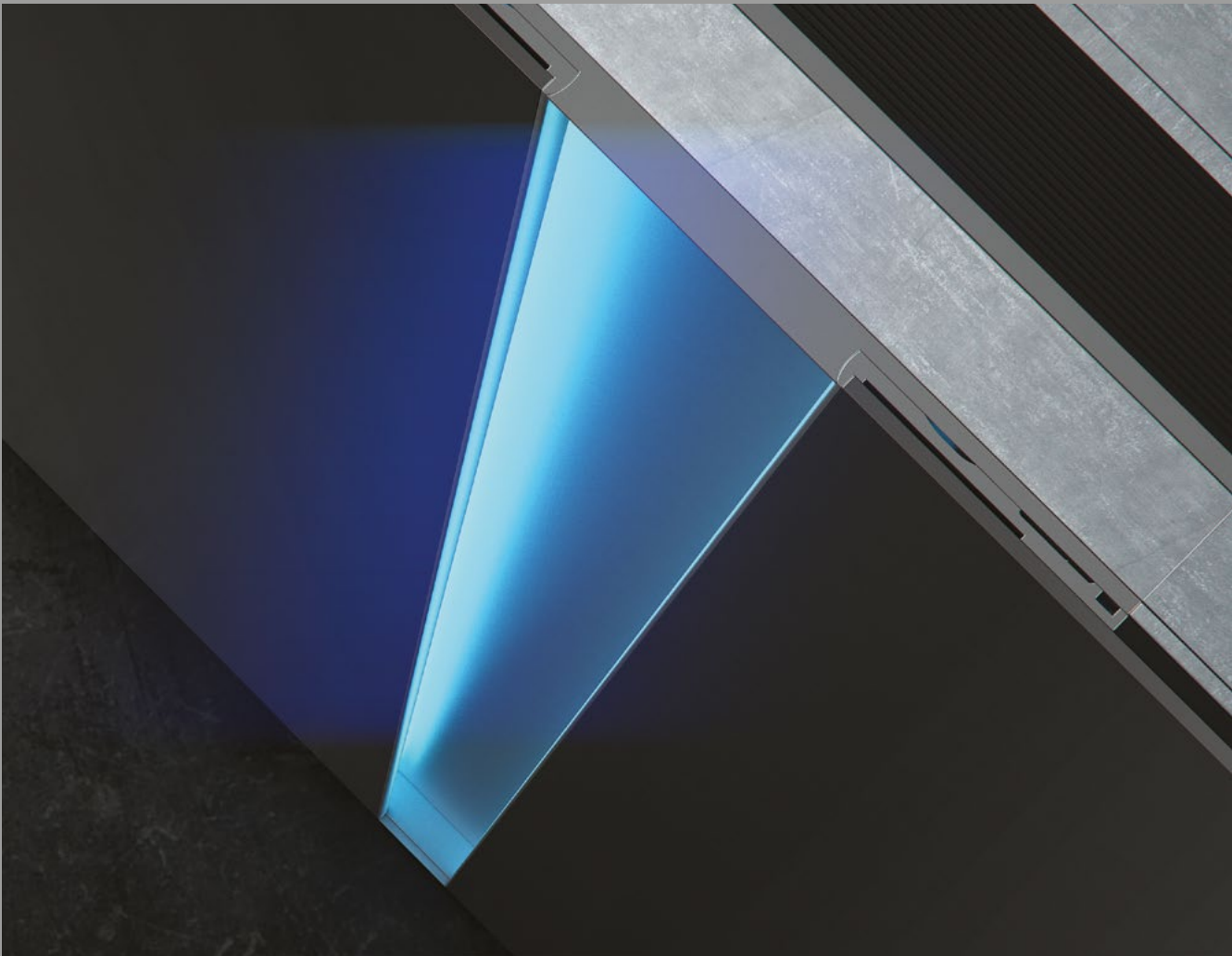
Hidden pivot mechanism with door adjustable pins (right – left).

Hidden brake mechanism ensures slow and safe closing of the door, reducing the noise level and minimizing the risk of injury.

Integrated recessed external handle of special design.

The handle can optionally be illuminated by LED lighting embedded in the profile, for a spectacular night appearance.

DESIGN

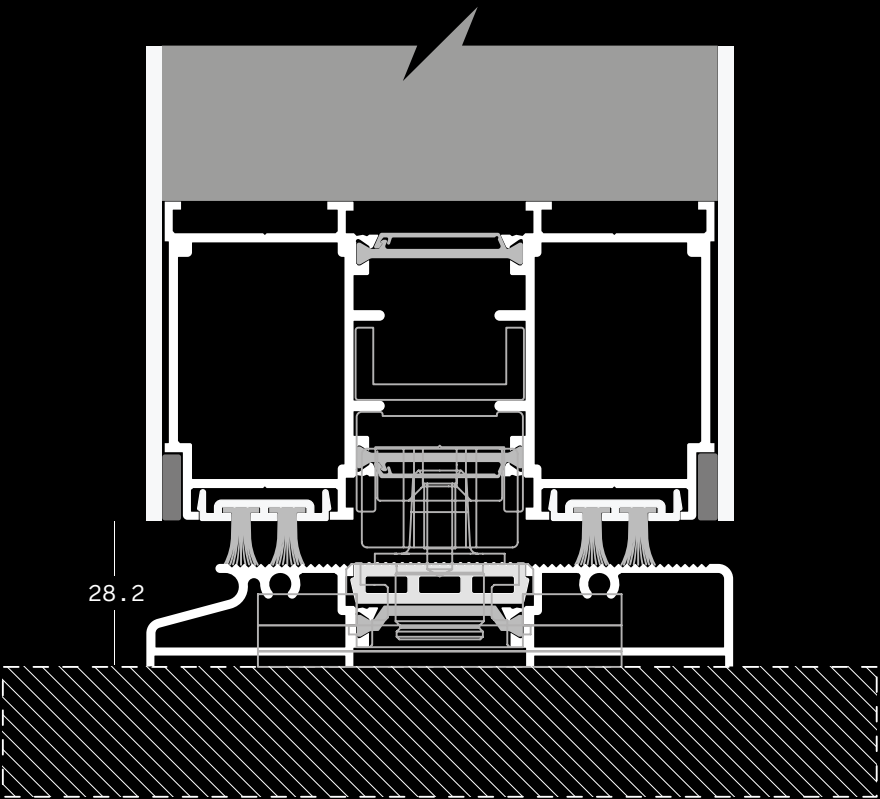
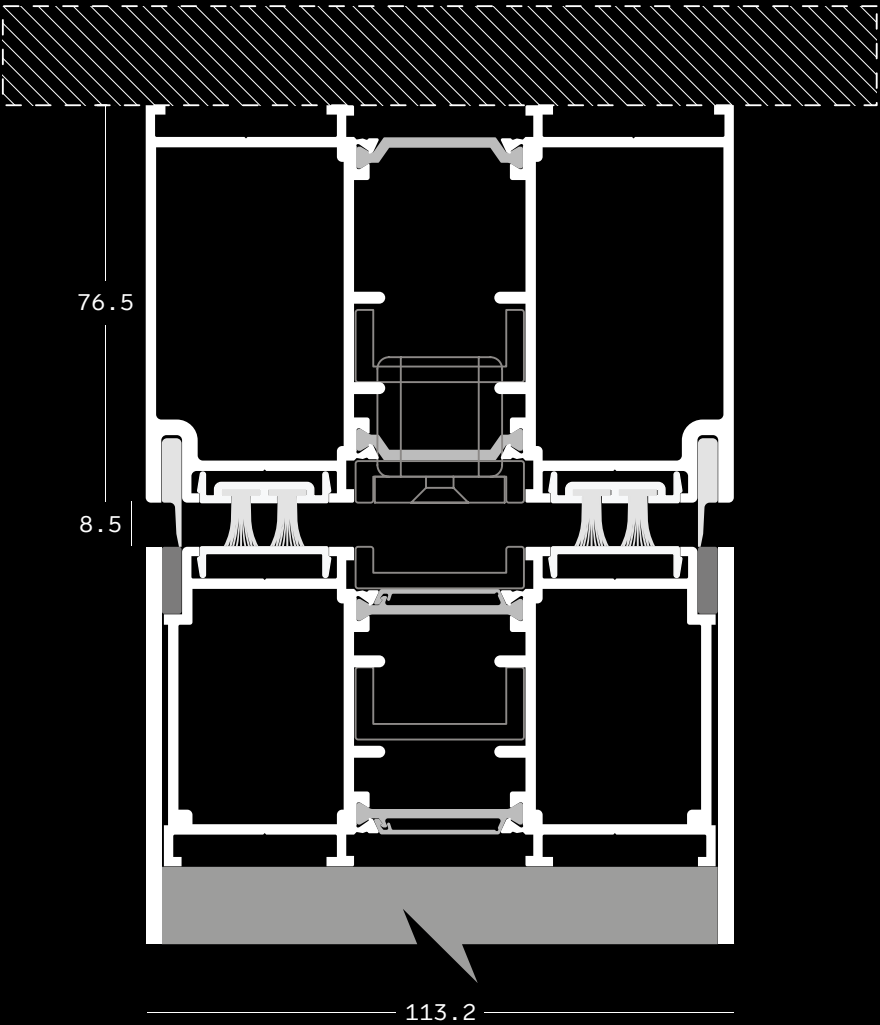


TECHNICAL CHARACTERISTICS



D110

HIGH SECURITY
LEVEL
HIGH THERMAL
INSULATION
& EXCEPTIONAL
DURABILITY



↓ INSULATION

ANTI BI-METAL POLYAMIDES mm	32
FOAM	

↓ SYSTEM PROFILE DIMENSIONS

FRAME WIDTH mm	113
ALUMINIUM SHEET THICKNESS mm	3
INSULATION THICKNESS mm	107
ROTATION AXE FROM SASH END mm	250

↓ UNIT DIMENSIONS

SASH WIDTH mm	1000–2000
SASH HEIGHT mm	2100–3000
MAX. SASH WEIGHT Kg	250

↓ TESTS AND STANDARDS

THERMAL INSULATION EN ISO 10077-2	U _f Edge VALUES FROM 2.2 W/(m²K)
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THE ENTRANCE DOORS



D75 / D90

INSULATED
ENTRANCE
DOORS OF
HIGH QUALITY
STANDARDS



ALUMINCO's D75 is a highly insulated entrance door system that brings together the benefits of energy efficiency, structural stability and functionality.

Enhanced features and functions ensure optimum performance in terms of security and ease of use. In terms of design, Aluminco D75 offers a sophisticated architectural design of impressive flat lines. The surface of the door infill can be combined either with aluminium panels or all-glass unit. The system provides the ability to create multiple constructions for commercial properties and the residential market.

Aluminco D75 solution combines what architects, fabricators and developers have always valued: the highest degree for energy efficiency, comfort and aesthetic visual impact in the best possible way – from the perception of the idea to its implementation.

D75





The ALUMINCO D90 ensures the very best thermal insulation values when it comes to entrance doors along with the highest performance demands and exceptional architectural design.

The system incorporates the best and most solid profiles of perfect flat design, with multi infill options including glazing or aluminum panels, in order to fulfil the most demanding specifications.

Enhanced security features and functions are an additional impressive element of the D90 system that meet current trends and increasing requirements in terms of safety and ease of use. The system's exceptional properties ensure optimum sealing against wind, rain and minimum air infiltration.

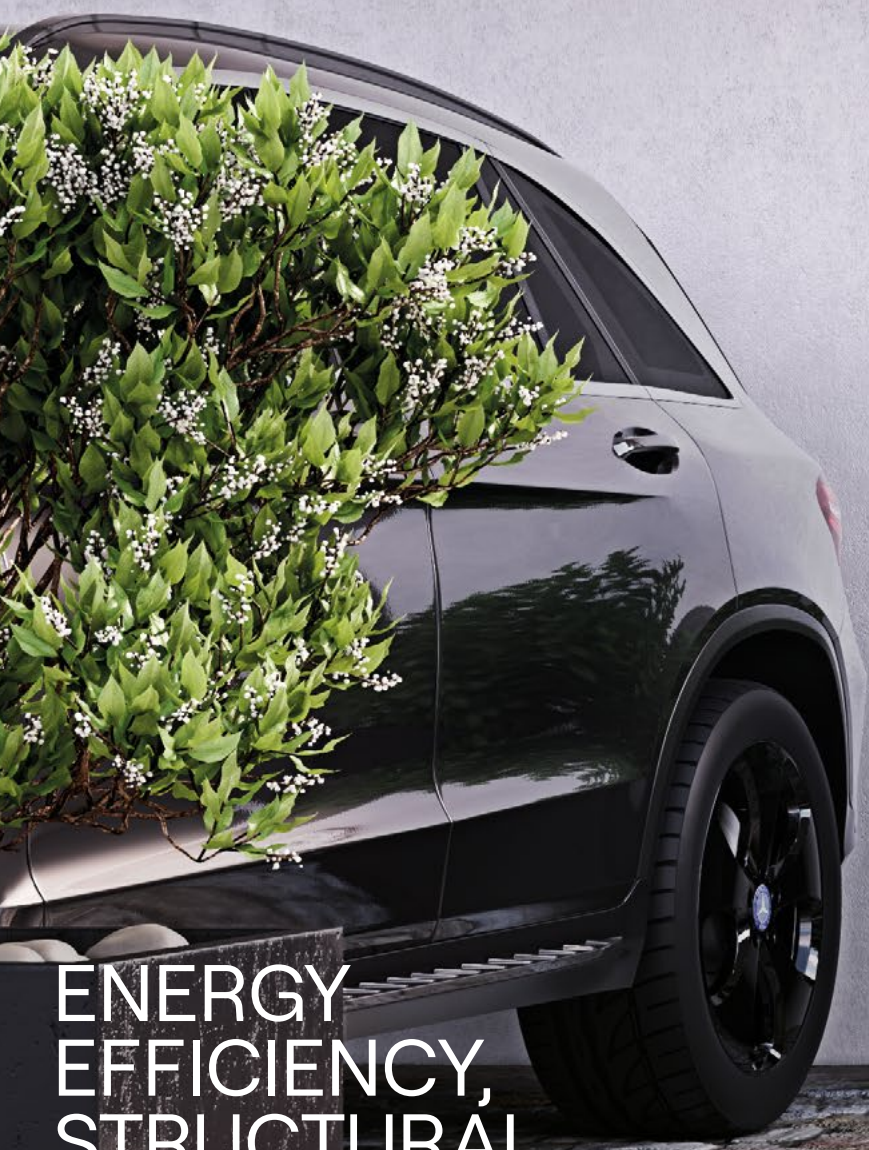
The Aluminco D90 system is fully compatible with the Aluminco W4900 hinged windows series, offering the best-performance solution for residential and commercial buildings, ideal not only for new constructions but also for refurbishments.

D90



MAKE
AN ARCHITECTURAL
STATEMENT





ENERGY
EFFICIENCY,
STRUCTURAL
STABILITY
& FUNCTIONALITY





D75 / D90

ENERGY
& DESIGN



Outstanding thermal insulation coefficient $U_d=0.79 \text{ W/m}^2\text{K}$ and sound reduction up to 44 dB.

Polyamides 39 mm for increased performance and minimization of the bimetallic effect.

Optional insulation zone with foam filling ensures the highest level of thermal insulation.

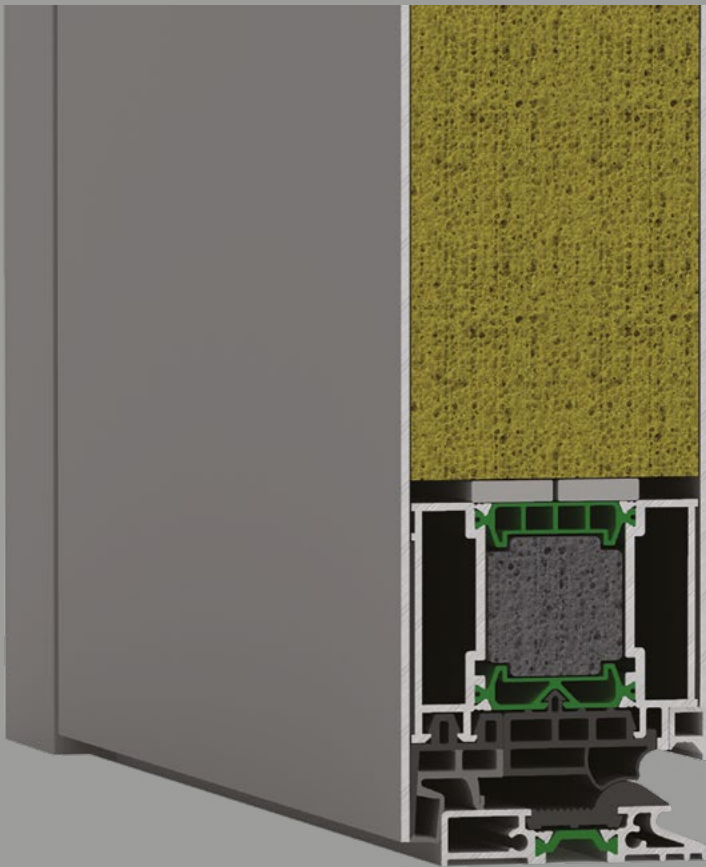
Three (3) sealing levels with EPDM gaskets and a special EPDM foam gasket provide optimum water tightness.

Top security features achieved by the 3-point security locks and door hinges that can be either concealed or surface mounted.

Continuous low threshold of 13 mm height increases stability, enhances water tightness and minimizes energy loss.

Aluminum panels or glazing infills provide multiple design options.

D75 ENERGY & DESIGN





Outstanding thermal insulation coefficient $U_d=0.79 \text{ W/m}^2\text{K}$.

Dual layer polyamides, 18 mm for increased performance and minimization of the bimetallic effect.

Optional insulation zone with foam filling ensures the highest level of thermal insulation.

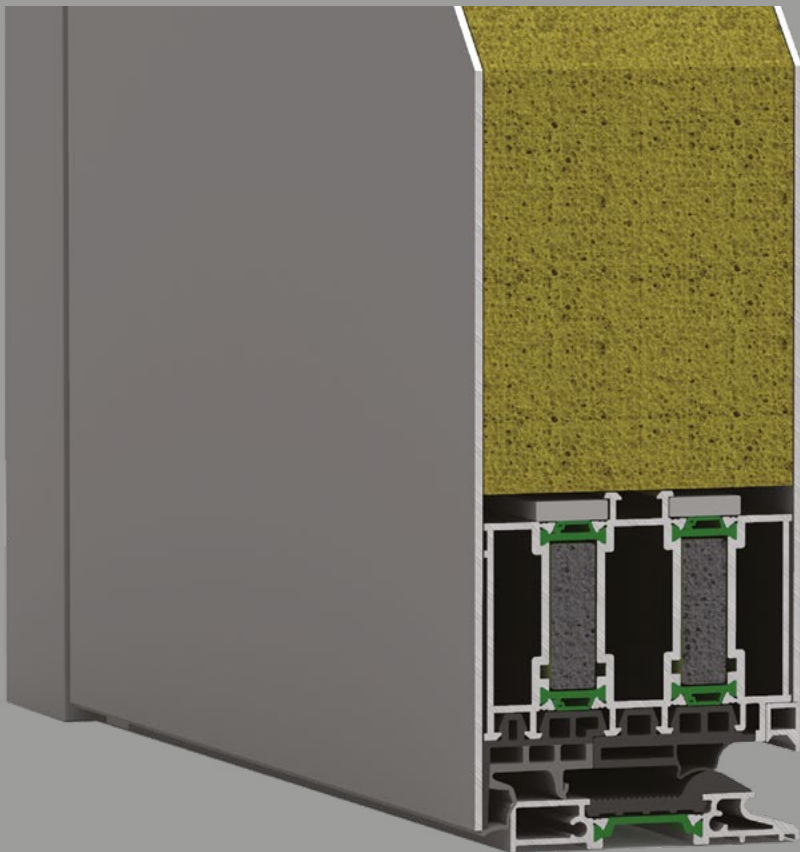
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D90 ENERGY & DESIGN



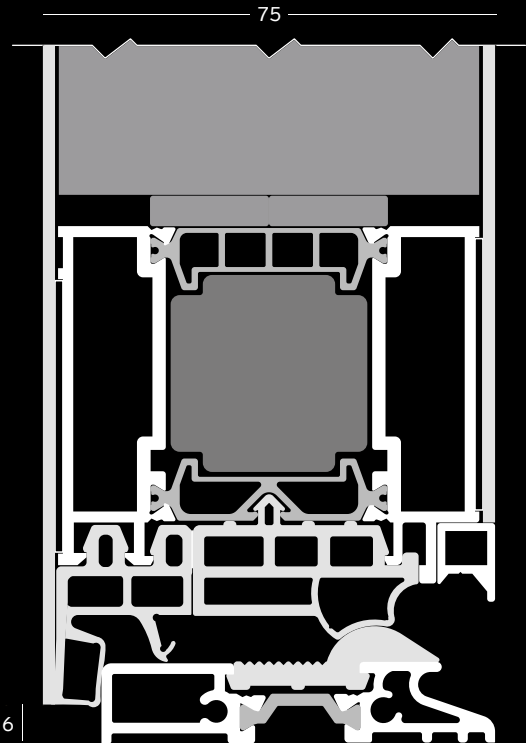
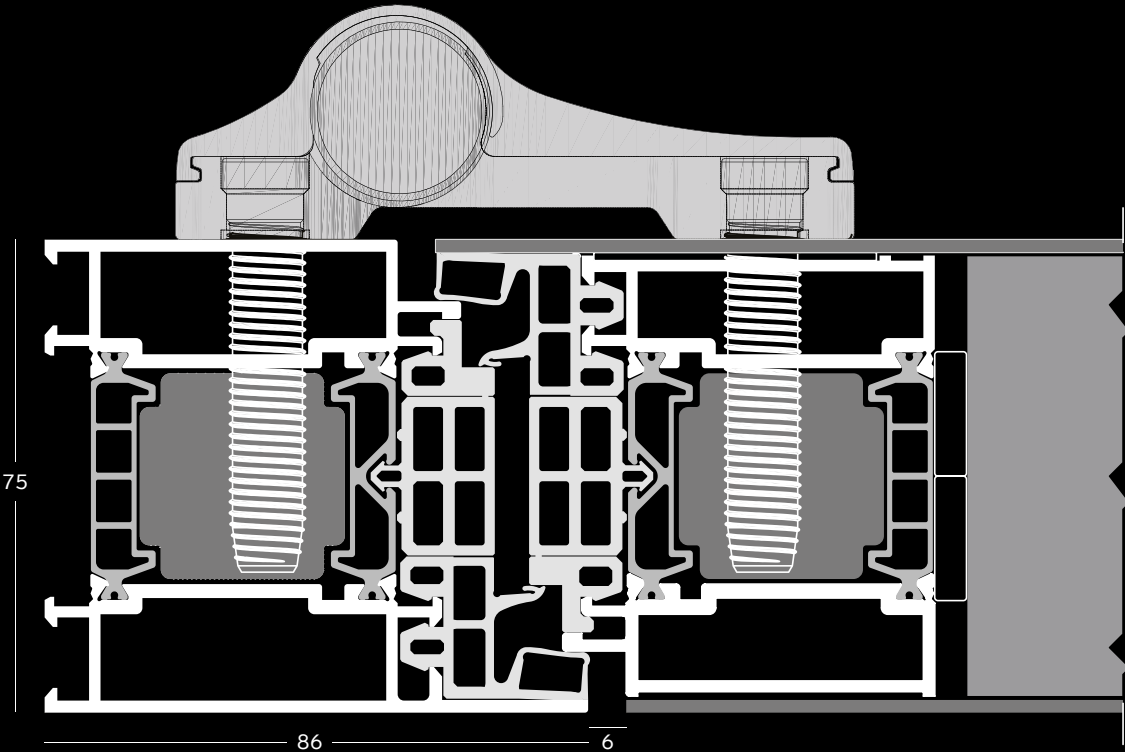
TECHNICAL CHARACTERISTICS



D75 / D90

EXCEPTIONAL
PROPERTIES
ENSURE
OPTIMUM
PERFORMANCE
LEVELS

D75



↓

INSULATION

POLYAMIDES mm	39
FOAM	

↓

SYSTEM PROFILE DIMENSIONS

MIN. FRAME WIDTH mm	74.5
MIN. FACE HEIGHT mm	170.2
GLASS THICKNESSES mm	44–52

↓

UNIT DIMENSIONS

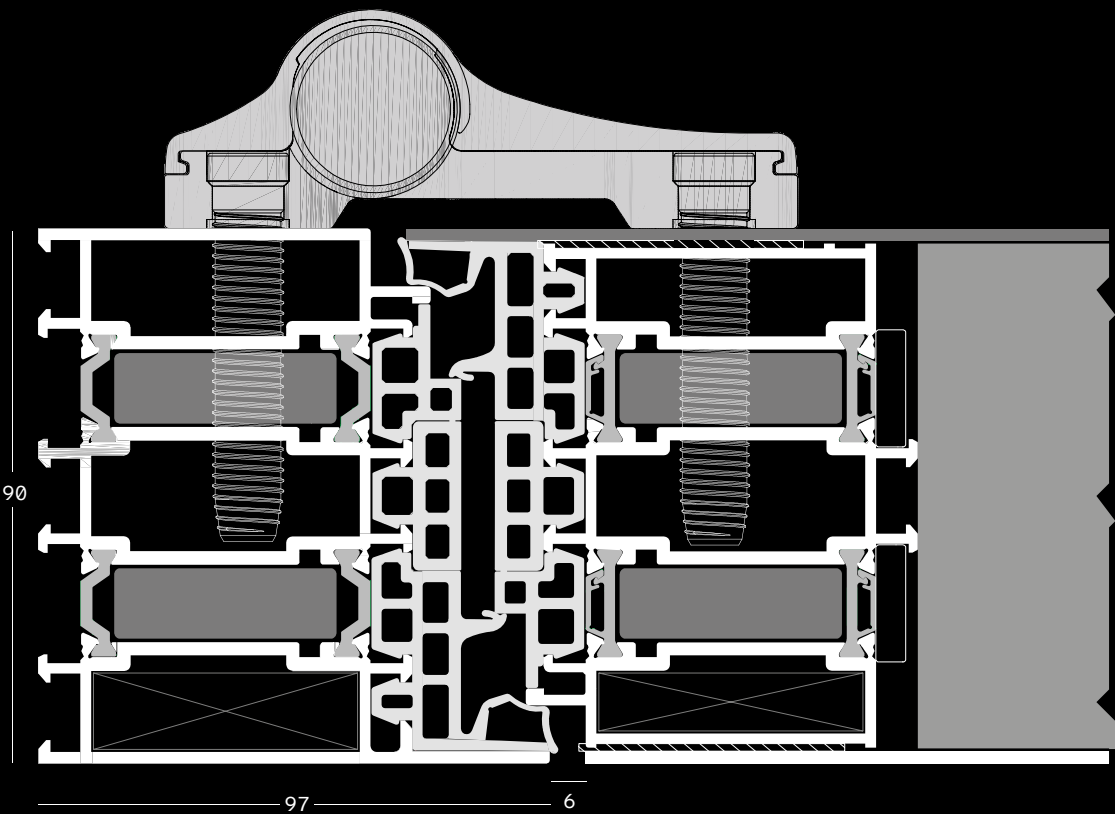
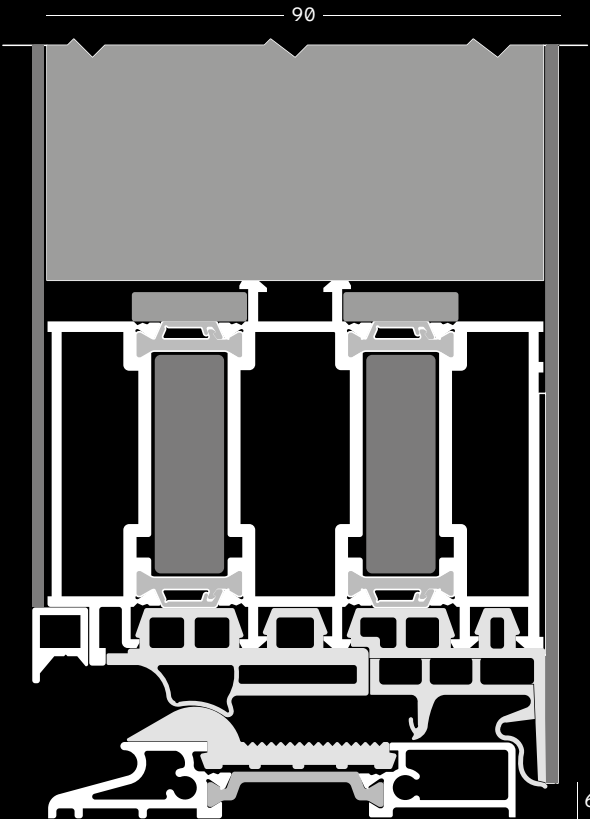
MAX. SASH WIDTH mm	1400
MAX. SASH HEIGHT mm	3000
MAX. SASH WEIGHT Kg	200

↓

TESTS AND STANDARDS

AIR PERMEABILITY EN 12207	CLASS 3
WATERTIGHTNESS EN 12208	CLASS 5A
WIND LOAD RESISTANCE EN 12210	CLASS C1/B1
SOUND REDUCTION EN 717	R _w VALUES TO 44 dB
THERMAL INSULATION EN ISO 10077-2	U _f VALUES FROM 1.5 W/(m²K)

D90



↓ INSULATION

DUAL LAYER POLYAMIDES mm	18
FOAM	

↓ SYSTEM PROFILE DIMENSIONS

MIN. FRAME DEPTH mm	89.5
MIN. FACE HEIGHT mm	170.2
GLASS THICKNESSES mm	60–68

↓ UNIT DIMENSIONS

SASH WIDTH mm	1400
SASH HEIGHT mm	3000
MAX. SASH WEIGHT Kg	200

↓ TESTS AND STANDARDS

THERMAL INSULATION EN ISO 10077-2	U _f VALUES FROM 1.6 W/(m²K)
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ALUMINCO



THE FAÇADES



THE FAÇADES



EW50 / EW50SP

STABILITY
SAFETY
AND SOUND
PERFORMANCE



The EW50 is a complete system for curtain walls offering a broad range of applications on stick/standard and structural type with impressive properties in terms of function and design to meet almost every requirement of contemporary architecture.

The system provides existing and new buildings with an attractive visual enhancement, as well as the highest degree of functionality is achieved. In addition, a wide range of solutions work perfectly with all shading systems.

EW50





Continuously increasing demands on sound and thermal insulation have led to the design of the EW50 SP system. The EW50 SP is a thermally insulated curtain wall system for robust constructions of large glass surfaces, designed with reinforced profiles and new system components that meets the highest requirements in sound performance.

This curtain wall system is standard type (mullion / transom) with horizontal and vertical cover. Mullions and transoms are made with the same profiles of 50 mm sightlines. EPDM gaskets and a special thermal and acoustic isolator are used to optimize the insulation of the system.

It also offers the possibility to integrate triple glazing. This option increases the size of the glazing, giving the benefit to meet demanding projects in terms of thermal and acoustic performance. In addition, the possibility of incorporating opening frames can be achieved with Aluminco's doors and windows series.

The Aluminco EW50 SP is well equipped to deal with the requirements that enhance the living and working environment of a building.

EW50SP





MEETING
ALL STABILITY
& SAFETY
REQUIREMENTS





OUTSTANDING SOUND PERFORMANCE





EW50 / EW50SP

ENERGY & DESIGN



Modern Appearance

Enhancement of Natural Light

Top performance levels in terms of air- water permeability and wind pressure.

Various covers for external surfaces of high aesthetic value.

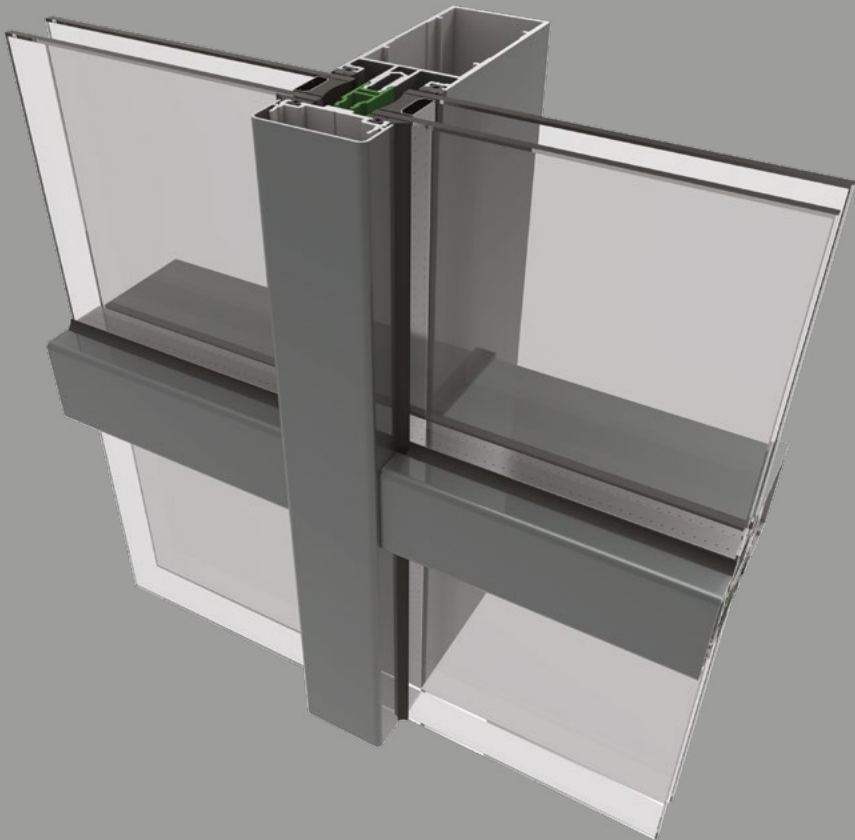
Structural and standard version available.

Special support for shading blades.

Combination with doors and windows of the D75 / D90, W450 / W4750 series of ALUMINCO

Ability to design custom solutions tailor made to the building

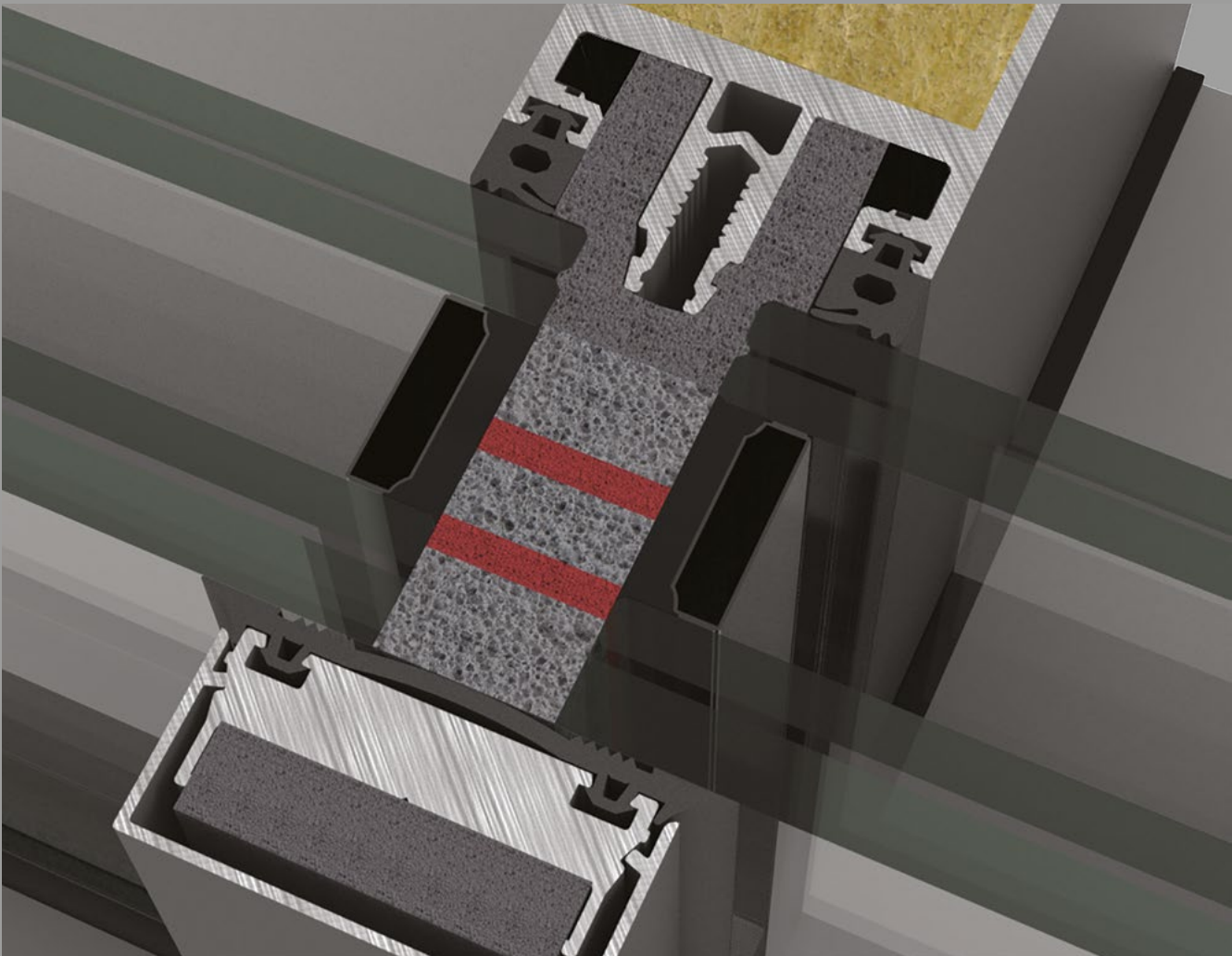
EW50 ENERGY & DESIGN





- Outstanding sound insulation up to 52 dB
- Optimum thermal insulation up to $U_f=1,6 \text{ W/m}^2\text{K}$
- Mullion/transom façade system with 50 mm visible width
- Increased comfort level
- High degree of functionality and increased static in extreme weather conditions
- Triple or double-glazing solutions
- Combination with doors and windows of the D75 / D90, W450 / W4750 series of ALUMINCO

EW50SP ENERGY & DESIGN



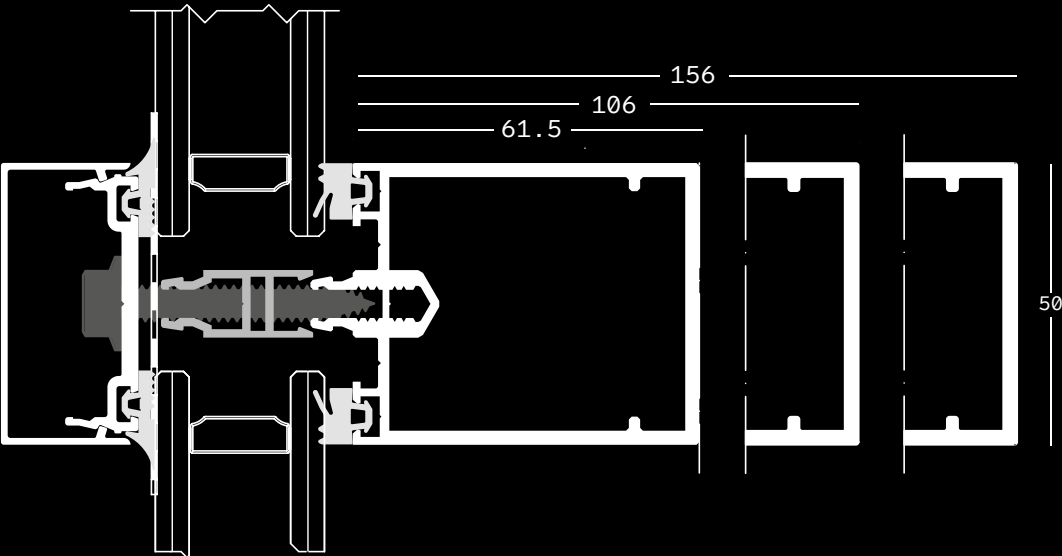
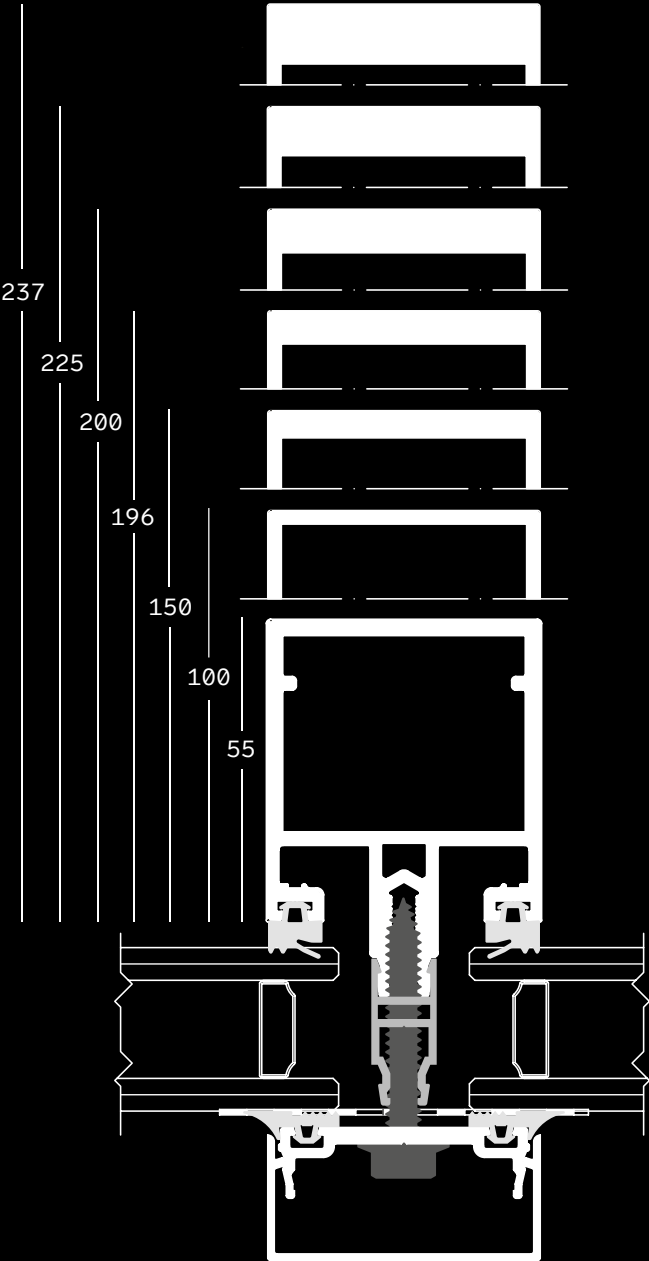
TECHNICAL CHARACTERISTICS



EW50 / EW50SP

ENHANCED
PROPERTIES
OFFER MORE
POSSIBILITIES

EW50





↓ TYPE

STANDARD
STRUCTURAL
LINEAR

↓ DIMENSIONS

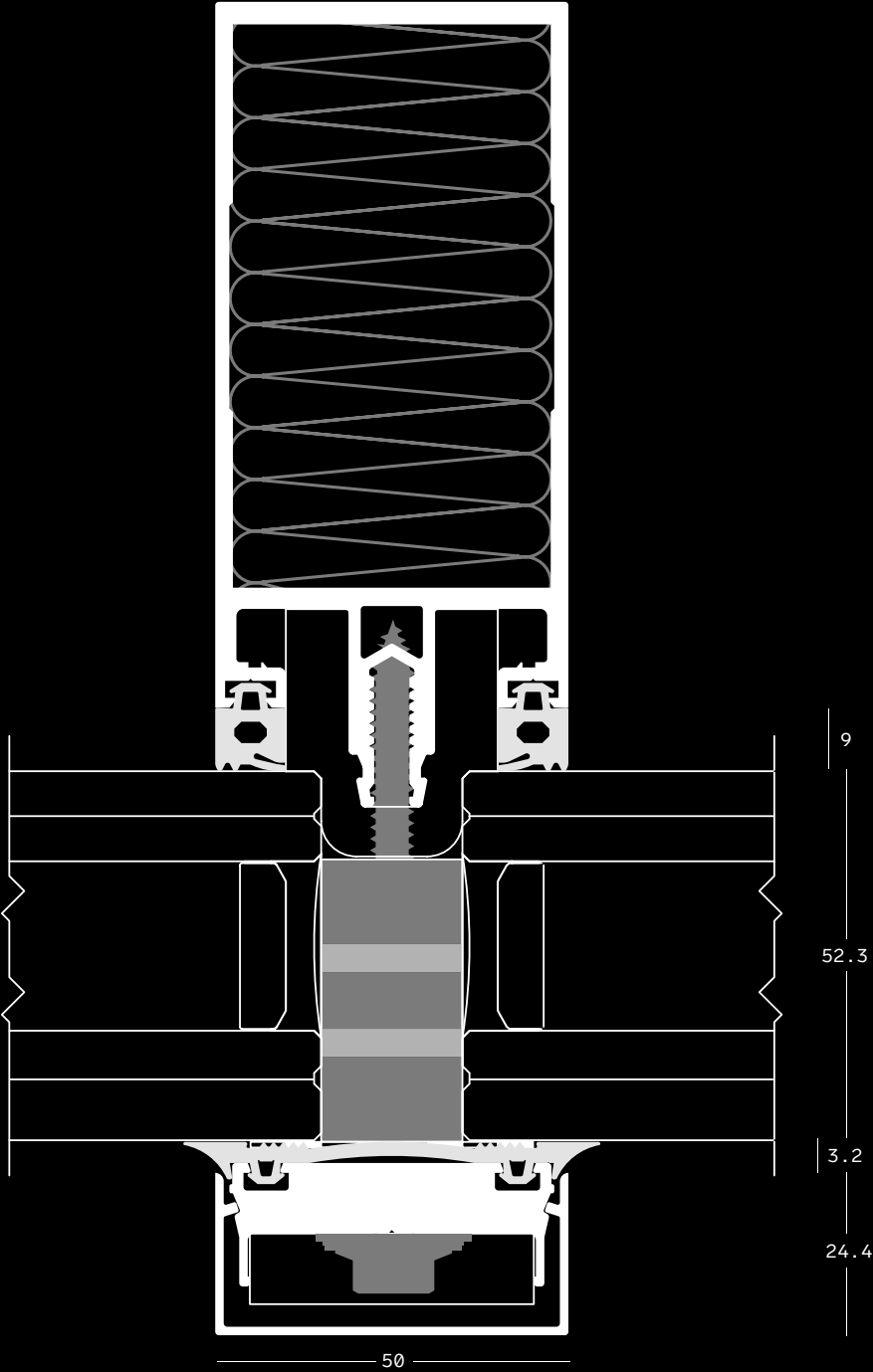
MULLION/TRANSOM WIDTH mm	50
MULLION DEPTH mm	16–237
TRANSOM DEPTH mm	61–156
GLASS THICKNESSES mm	6–52

↓ TESTS AND STANDARDS

AIR PERMEABILITY EN 12207	CLASS A4
WATERTIGHTNESS EN 12208	CLASS RE 1200
WIND LOAD RESISTANCE UNI EN 12179	DESIGN LOAD: ±2000 Pa (203 Kg/m²)
	INCREASED LOAD: ±3000 Pa (304 Kg/m²)



EW50SP





↓ DIMENSIONS

EXTERIOR VISIBLE WIDTH mm	50
DEPTH MULLION mm	50–237
DEPTH TRANSOM mm	150
GLASS THICKNESSES mm	12–64

↓ TESTS AND STANDARDS

THERMAL INSULATION EN ISO 12412-2	1.64 W/m²K
AIR PERMEABILITY EN 12152 & 12207	CLASS A4
WATERTIGHTNESS EN 12208	CLASS RE1200
WIND LOAD RESISTANCE EN 12210	DESIGN LOAD: ±2000 Pa (203 Kg/m²)
	INCREASED LOAD: ±3000 Pa (304 Kg/m²)

THE FAÇADES



SH3400

CONTEMPORARY SOLAR SHADING SYSTEM



Shadow System for protection against solar radiation and controlling of the natural lighting of buildings.

The specially designed blinds have the option to be placed either horizontally or vertically, movable or fixed, depending on construction needs and current architectural trends.

Its core characteristic feature and competitive advantage is that the gap between the frame and blind is just 10 mm, satisfying completely every requirement for minimization of solar radiation.

By implementing the shading system SH3400 into your building design, you will reduce the need for air conditioning, without compromising the entrance of daylight.

SYSTEM IDENTITY



OPTIMIZING SOLAR SHADING PERFORMANCE





SH3400

ENERGY & DESIGN



Protection against solar radiation and controlling of the natural lighting of buildings.

The design of the louvres gives a contemporary look to the building.

The movement of the louvres can also be motorised for more comfort

The design louvres are available in an array of dimensions and can be composed in different configurations.

Louvers with Fixed or Adjustable inclination and can be installed in Horizontal and Vertical layout.

Endless choice of colors and finishes.

Ease of mounting, assembly, and disassembly.

Cooperates with the Curtain Wall System EW50, Standard & Structural, by Aluminco.

ENERGY & DESIGN





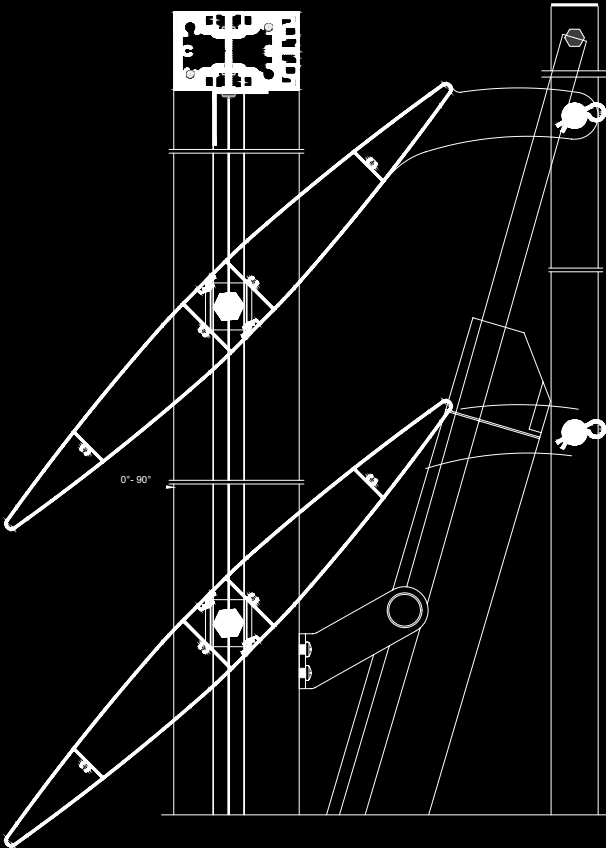
TECHNICAL CHARACTERISTICS

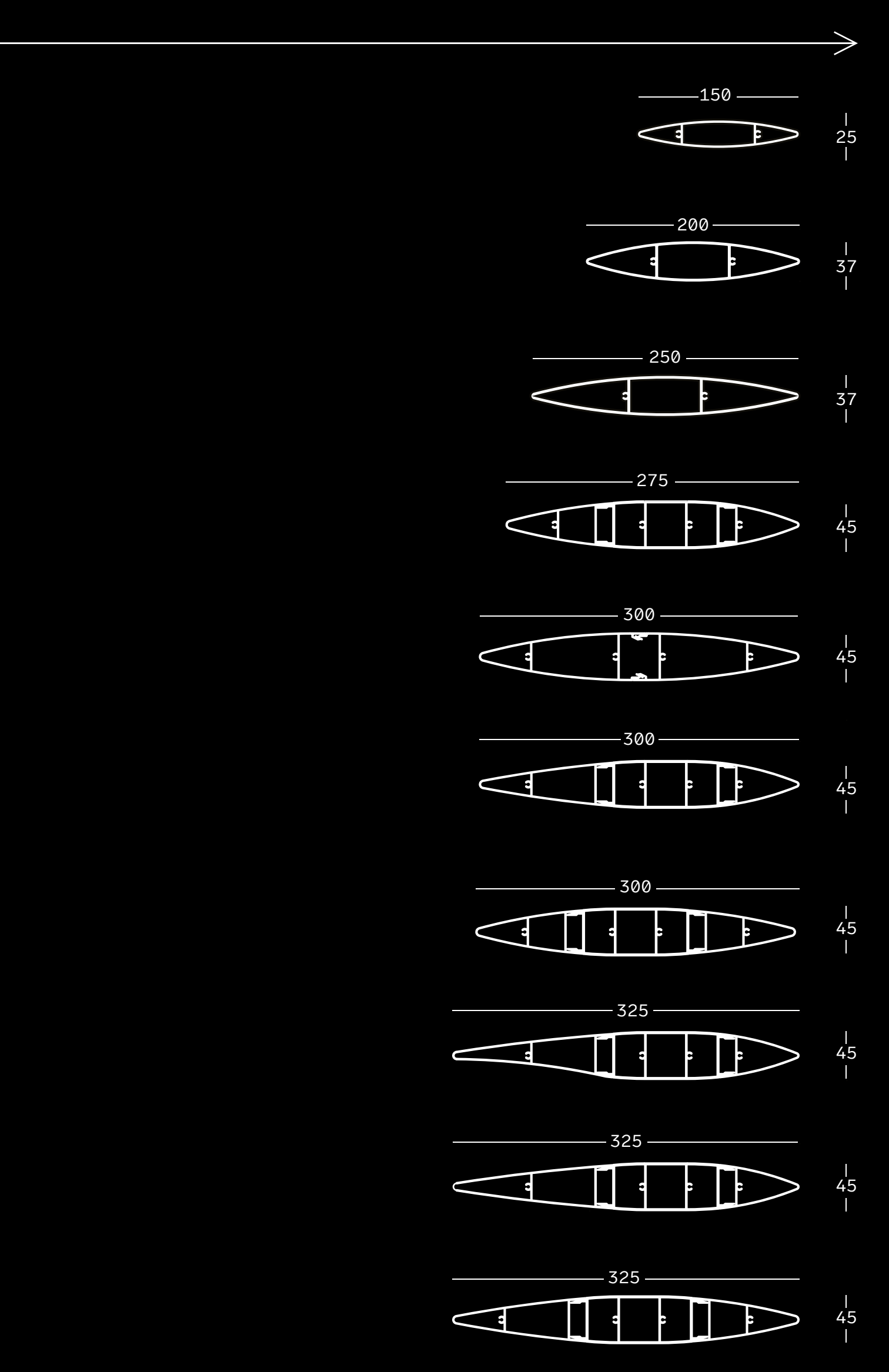


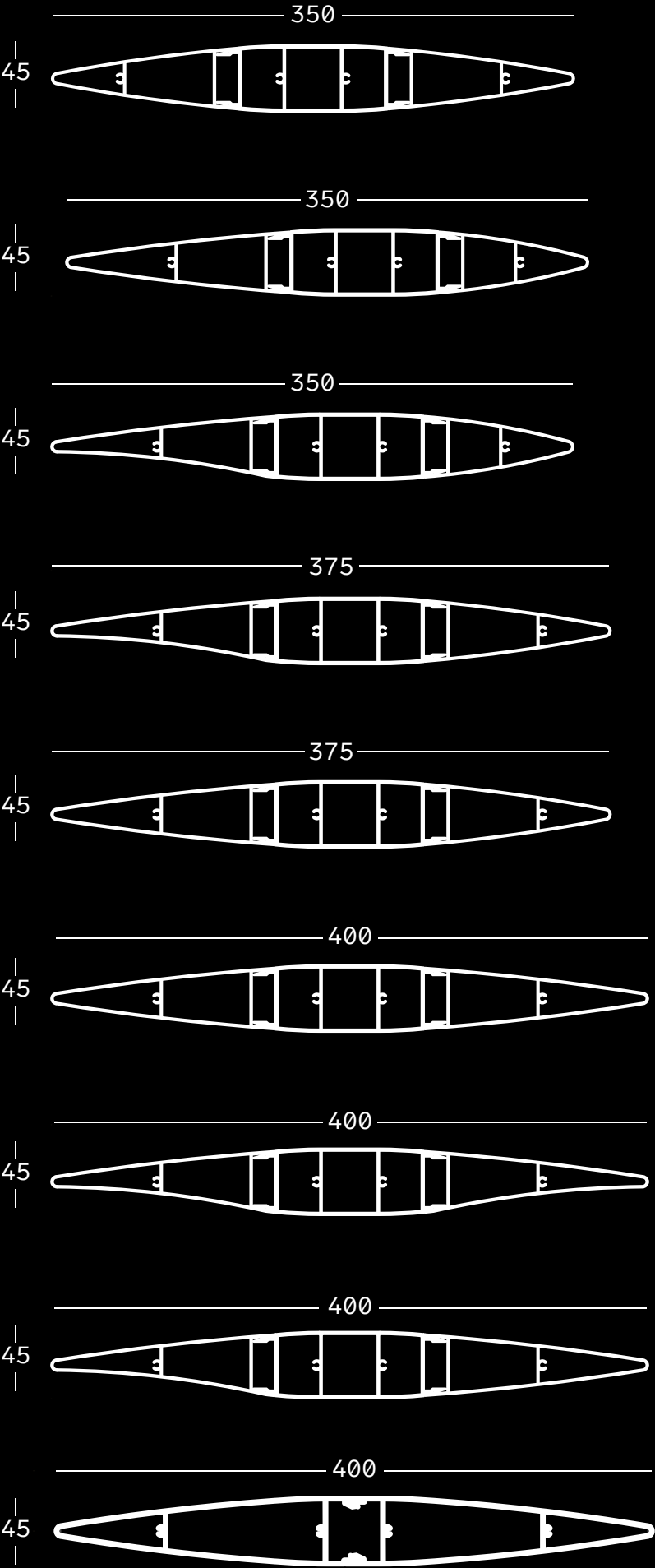
SH3400

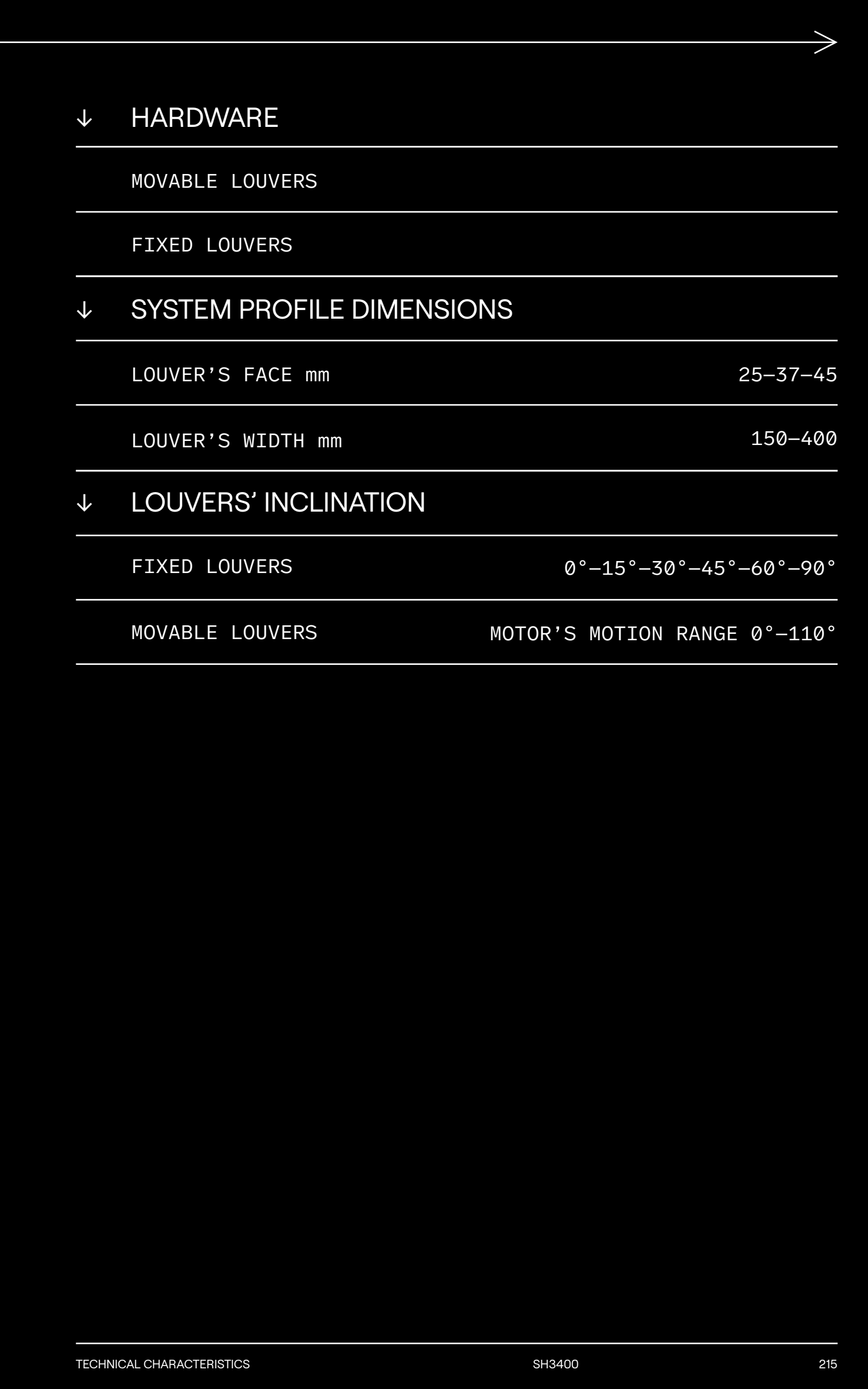
A WIDE RANGE
OF LOUVRE
BLADES OFFER
A WEALTH
OF POSSIBLE
USES

ELLIPTICAL
DESIGN LOUVER
WITH ADJUSTABLE
INCLINE









↓ HARDWARE

MOVABLE LOUVERS

FIXED LOUVERS

↓ SYSTEM PROFILE DIMENSIONS

LOUVER'S FACE mm

25-37-45

LOUVER'S WIDTH mm

150-400

↓ LOUVERS' INCLINATION

FIXED LOUVERS

 $0^{\circ}-15^{\circ}-30^{\circ}-45^{\circ}-60^{\circ}-90^{\circ}$

MOVABLE LOUVERS

MOTOR'S MOTION RANGE $0^{\circ}-110^{\circ}$

THE FAÇADES



SH3200

SHUTTER SYSTEM FOR PASSIVE SOLAR SHADING



The SH3200 shutters enliven the FAÇADES of contemporary houses. Sliding, opening, fixed and folding shutters in different profiles shape can be applied. Solid or louvered, they can have adjustable slats which filter the light but maintain the harmony of the whole.

Unalterable over time, SH3200 shutters are the ideal solution for controlling the light penetration, as a result enhances the comfort level inside the building.

SYSTEM IDENTITY



CONTEMPORARY SHUTTERS





SH3200

ENERGY & DESIGN



Constructions of opening, sliding and folding shutters by using the same sash.

Use of special rollers for smooth scrolling and alignment of the sash for both folding and sliding shutters.

Large variety of opening shutters in all possible typologies (fixed, single-ply, two-ply, four-leaf).

Accepts fixed louvers, oval and movable louver.

Movable shading leaves placed on the outer or inner side of the railings and over the railing, ideal for applications on balconies.

ENERGY & DESIGN



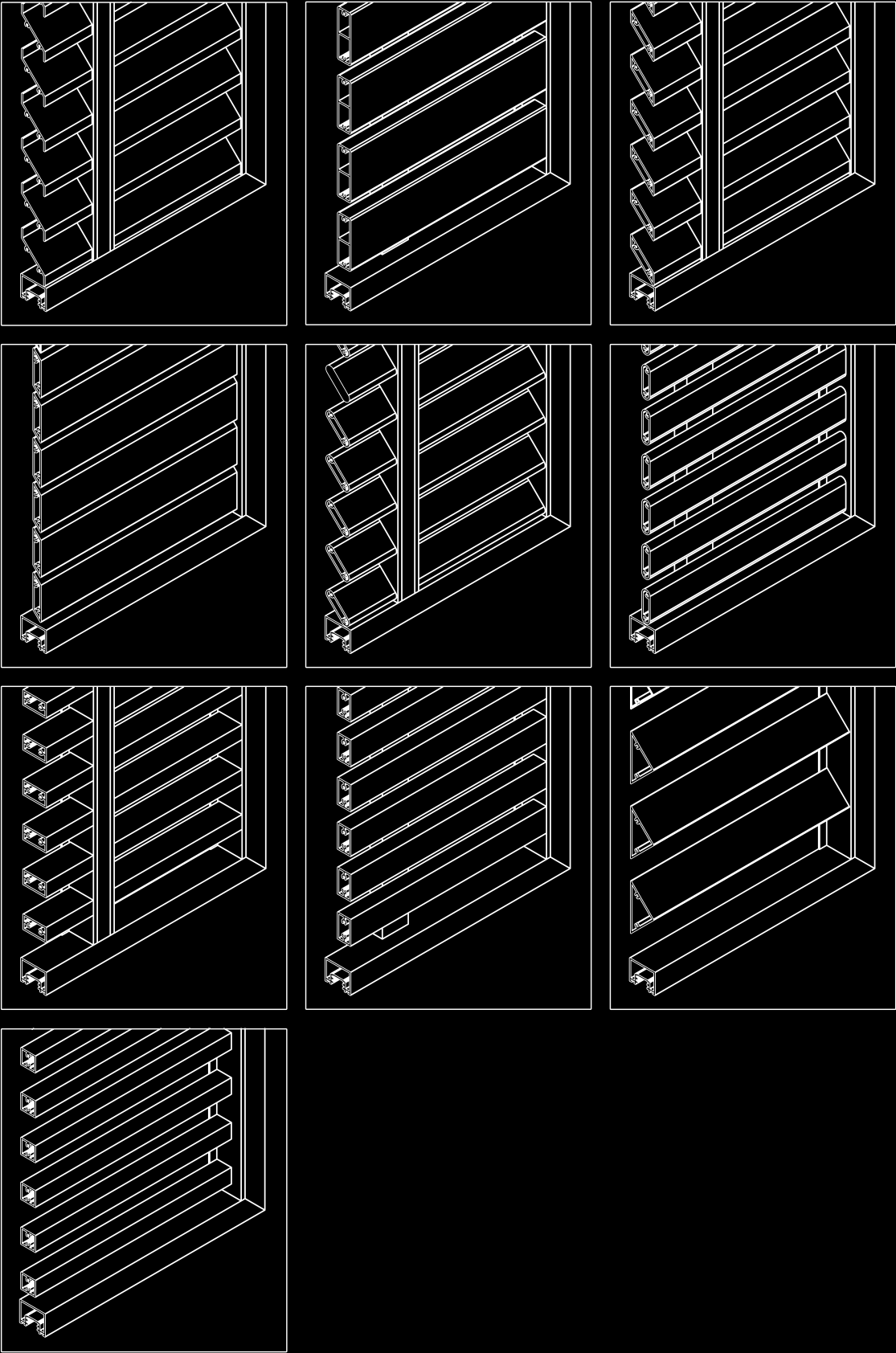


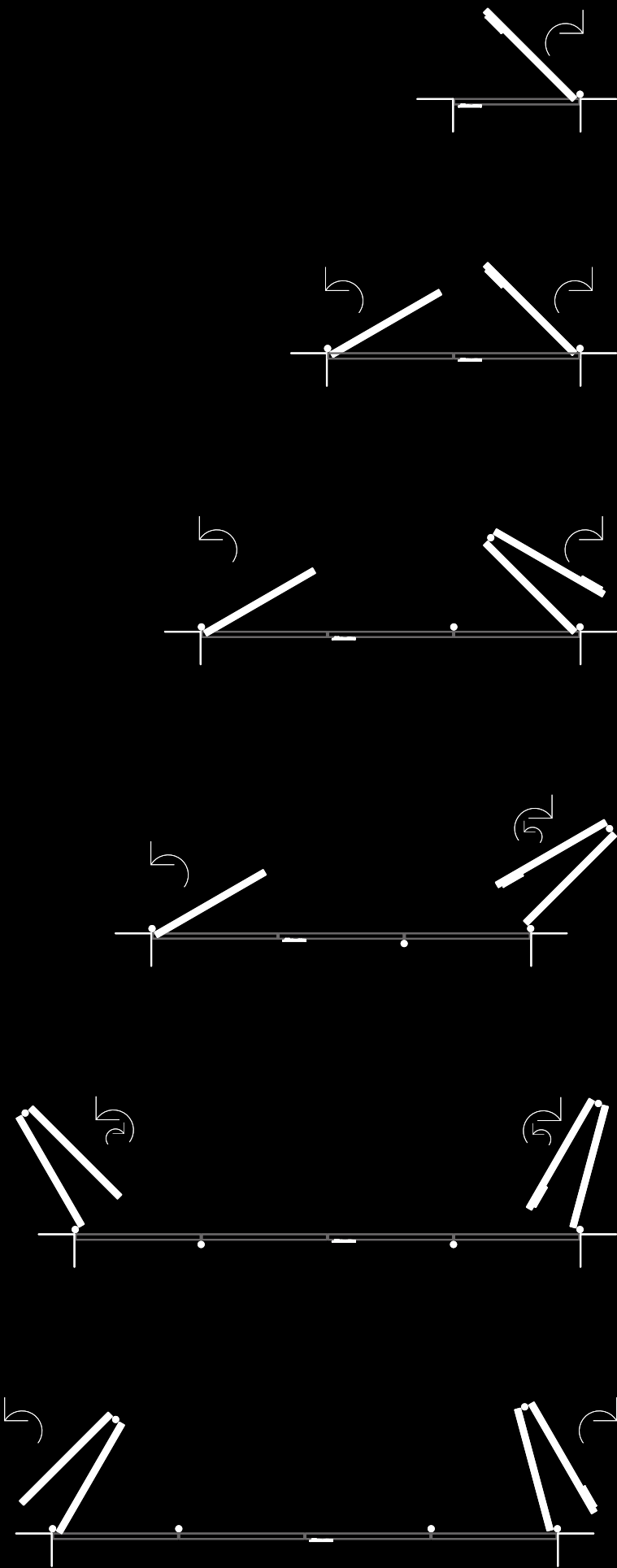
TECHNICAL CHARACTERISTICS



SH3200

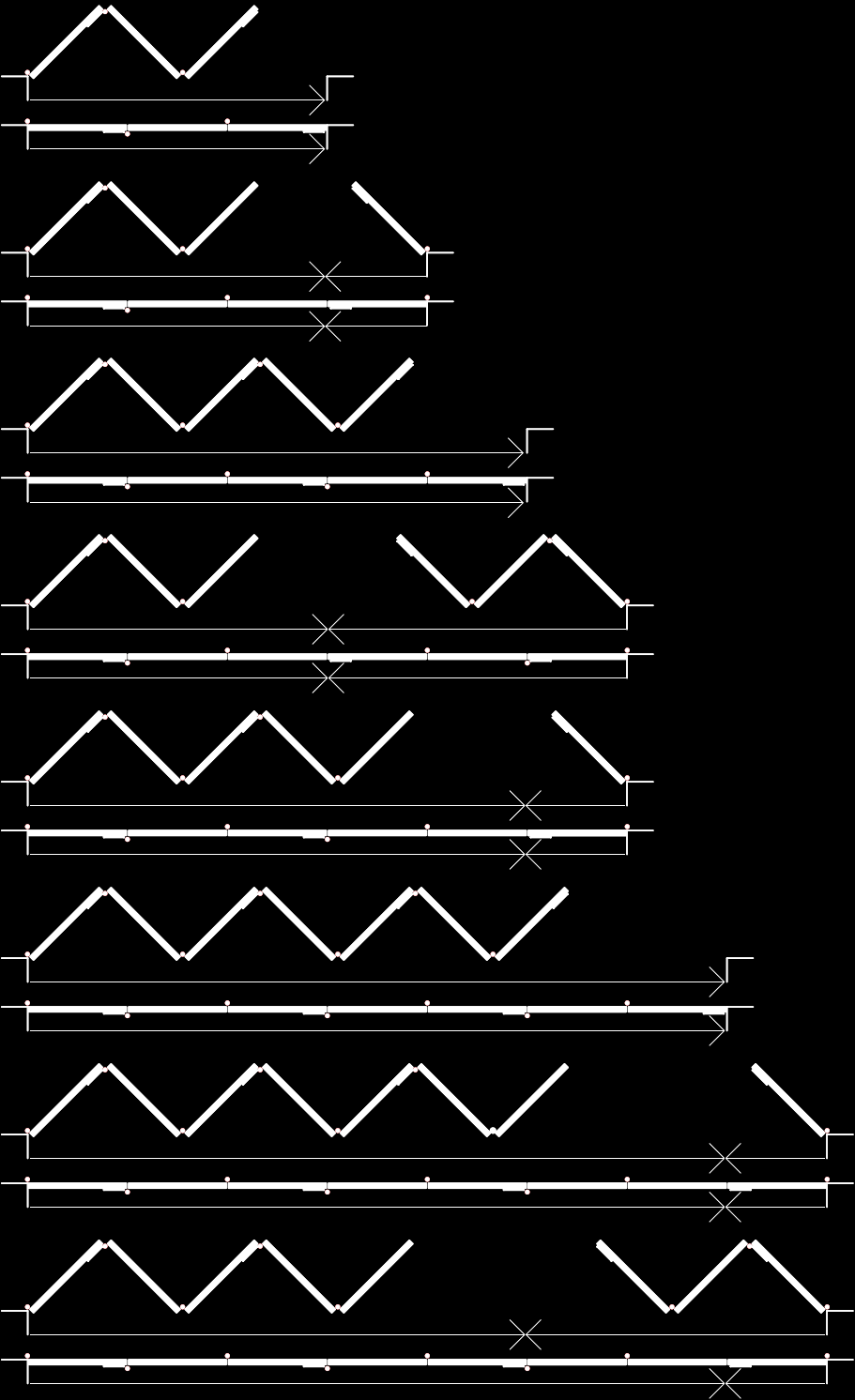
EXTREMELY
VERSATILE
APPLICATION
PROPERTIES



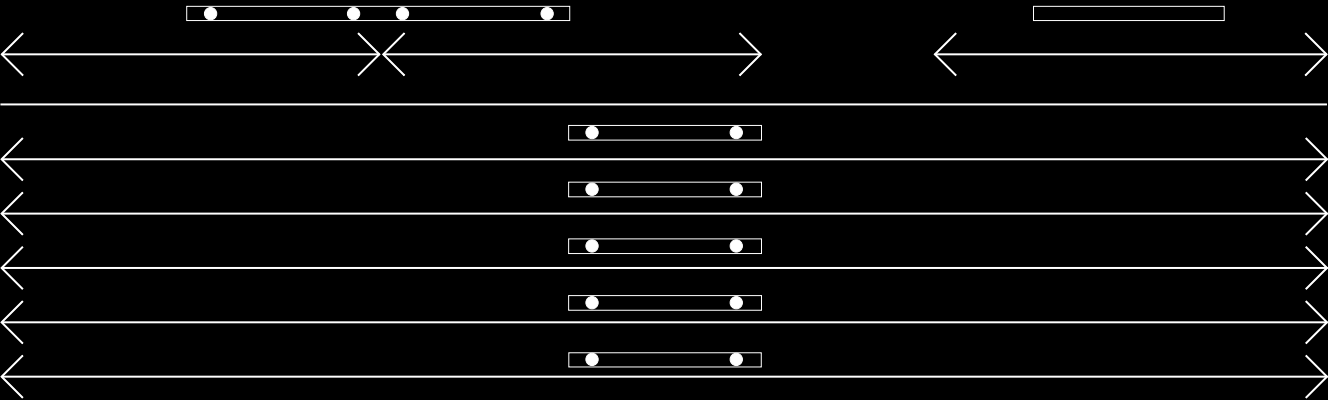




FOLDING



SLIDING





↓ TYPES

OPENING
SLIDING
FOLDING
FIXED

↓ SYSTEM PROFILE DIMENSIONS

FRAME DEPTH mm	
OPENING	39
SLIDING	39
FOLDING	46
FIXED	39
FACE HEIGHT mm	
OPENING	88
SLIDING	81
FOLDING	81
FIXED	56.6



ALUMINCO



THE OUTDOORS

THE OUTDOORS



CRYSTAL LINE RAILING SYSTEM

TOP
TRANSPARENCY
SURPASSES
HUMAN
EXPECTATIONS



Modern people's need for more transparency, brightness and aesthetics are best met by ALUMINCO's proposal in the glass railing category.

Crystal Line Series stands out for its unique design, functionality, and safety, offering innovations that have been designed to meet current real-world needs.

14 editions are available in almost 3 basic types, floor and side to floor or parapet, with numerous personalized options. Anodizing and powder coating colors with the choice of various shapes of handrail can be applied.

Safety and protection are fundamental priorities during the design and development process of Crystal line railings. Plenty of certifications from internationally recognized institutions ensure maximum user safety.

The innovative Crystal line system have been installed in countless projects around the world, each one having its own distinctive features and architectural requirements.

SYSTEM IDENTITY





DELIVER
MAXIMUM VIEW
AND EXTREMELY
HIGH LEVELS
OF SAFETY





CRYSTAL LINE RAILING SYSTEM

IN PERFECT
ALIGNMENT
WITH SIMPLICITY
AND STYLE



Crystal Line edition, L-Line series, is a robust system that combines the benefits of safety and transparency with easy installation and functionality. It is designed to cope with line loads more than 3 KN/m satisfying the requirements of regulations in homes, offices, stadiums, shopping centers, and public areas with high traffic. The retention of the glass panel is achieved by using special internal trolleys having the potential to shift and align the glass panels with tilting ability +/- 1°(i.e., +/- 15 mm on the upper surface of the glass) while the special gasket provides balance when setting up the glass panels.

L-LINE SERIES

FEATURES

Offers a choice of 3 different profile base solutions

Resists line loads more than 3 KN/m

Single base at 3 m without additional external lid

Easy glass installation

Exceptional alignment of the glass panels in every direction (to & from by up to 15 mm and up-down by up to 10 mm) from inside the balustrade

Meets worldwide safety and building regulations

Suitable for use in high demand public areas

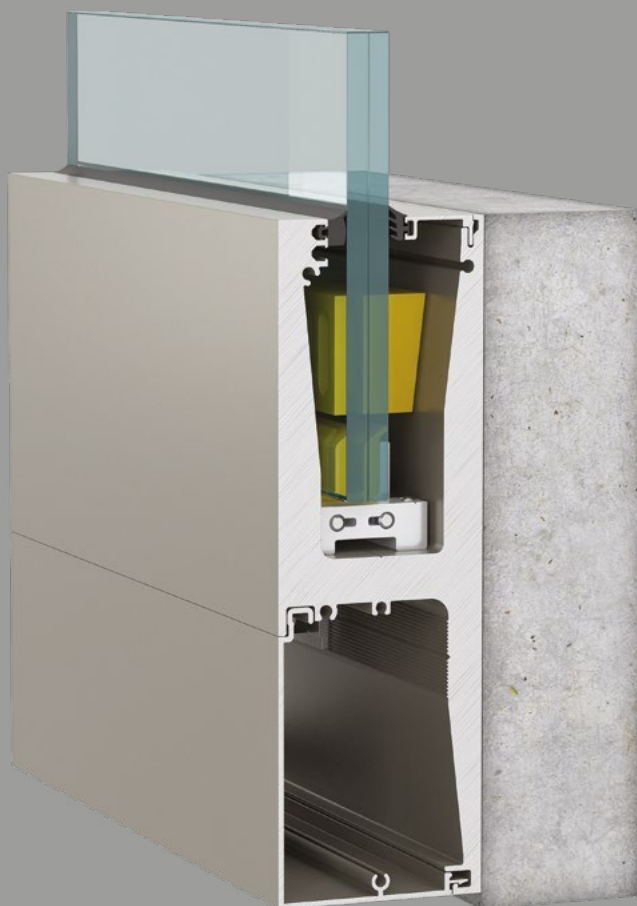
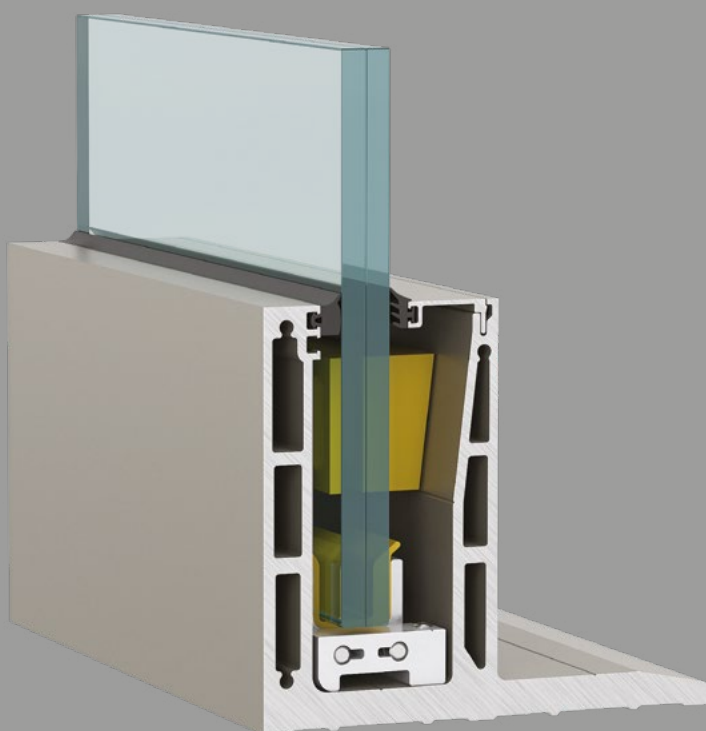
HIGHLIGHTS

Deliver more style and inner strength

Perfect glass alignment assured

Performance-oriented, achieving loads up to 807lb

Fulfil even the most demanding specifications





Crystalline edition, Slim Line series, is so slim, elegant and durable, with the best quality - to price relation, a glass railing could never be more attractive. Thanks to the excellent engineering, you save time and frustration with this premium performance, your projects become a statement. It comes in one-piece, 3 m and 6 m, base shoe with pre-drilled profile and drainage holes. Designed for light to medium use is suited both for indoor and outdoor applications. Able to resist rail load up to 1 kN/m, it is appropriate for glass thickness between 11.52 mm and 17.52 mm, ideal for private residences, offices, shops and more.

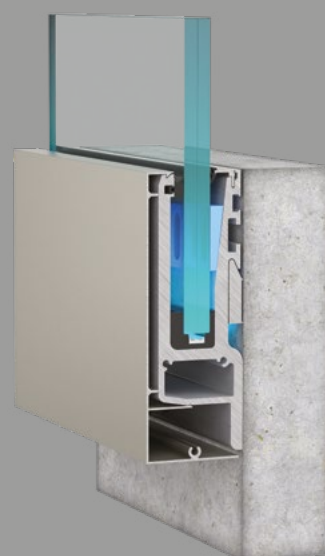
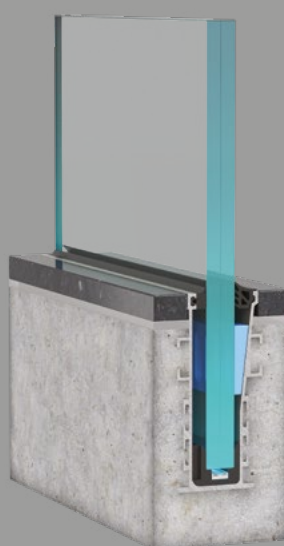
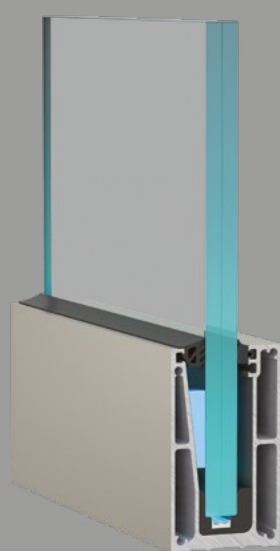
SLIM LINE SERIES

FEATURES

- In-floor, on floor and Fascia mount solution.
- One-piece 3 m and 6 m base shoe with pre-drilled profile.
- Specially hardened rubber seals support and protect the glass panel.
- Use of “wedge type” gasket to cover the inner gap.
- Compatible with tempered laminated glass and membrane types 5.5.4PVB, 6.6.4PVB, 8.8.4PVB and 10.10.4PVB.
- Cap rails and handrails available in various sizes and shapes.
- Wide selection of shades.

HIGHLIGHTS

- Elegant slim design
- High performance and durability
- Cost-effective solution
- Max. construction height up to 1.20 m.



TECHNICAL CHARACTERISTICS

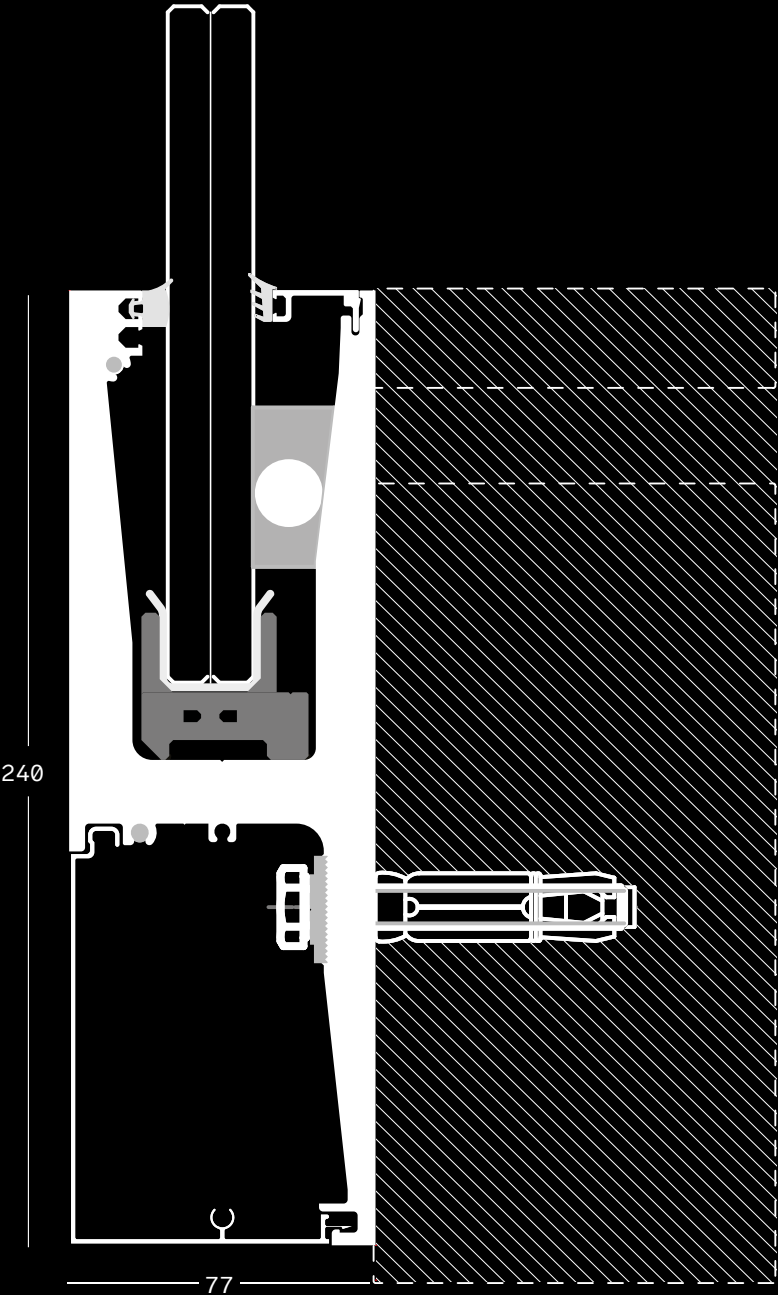


CRYSTAL LINE RAILING SYSTEM

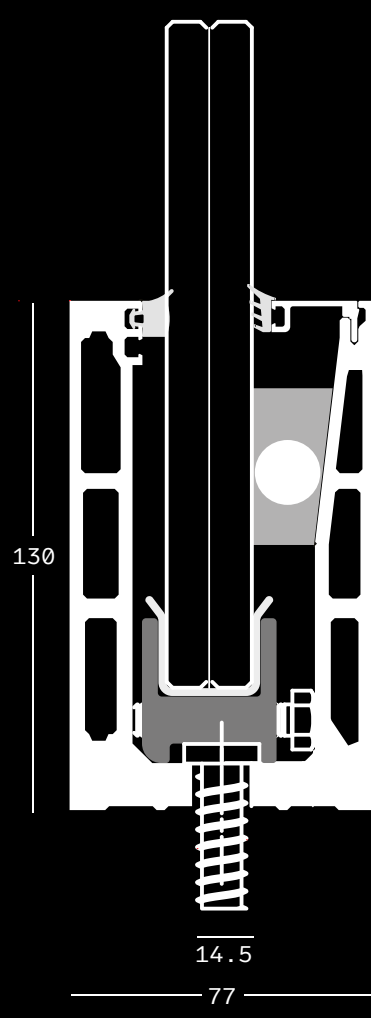
WE DESIGN ADVANTAGES



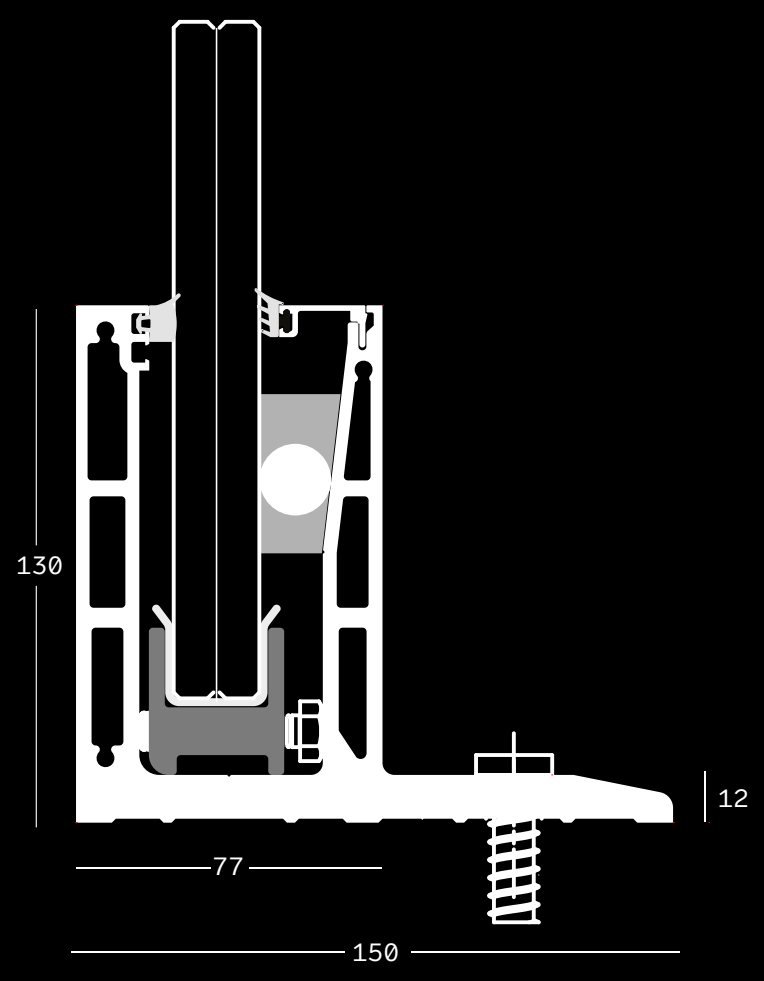
L-LINE



CRYSTALLINE L-LINE F85-1B64 SIDE MOUNTED TEMPERED LAMINATED GLASS
10-4PVB-10MM



CRYSTALLINE L-LINE TOP MOUNTED GLASS
10-4PVB-10MM



CRYSTALLINE L-LINE TOP MOUNTED GLASS
10-4PVB-10MM

L-LINE

↓ PROFILE DIMENSIONS

FACE HEIGHT mm	130
FACE WIDTH (TOP MOUNT) mm	77/150
FACE WIDTH (SIDE MOUNT) mm	77/240

↓ DESIGNED FOR

HEAVY USE (≥3 KN/M)	INDOOR & OUTDOOR
---------------------	------------------

↓ MOUNTING

TOP MOUNT SOLUTION
SIDE MOUNT SOLUTION

↓ DOMAIN OF APPLICATION

PRIVATE	HOUSES, RESIDENCES, VILLAS
COMMERCIAL	OFFICES, SHOPS, RETAILS
PUBLIC	SHOPPING MALLS, STADIUMS, AIRPORTS



↓ INFILL

TEMPERED LAMINATED GLASS

↓ GLASS THICKNESSES

8.8.2PVB / 16.76 mm

8.8.4PVB / 17.52 mm

10.10.2PVB / 20.76 mm

10.10.4PVB / 21.52 mm

↓ TOP HANDRAIL

FOR 17.52 mm GLASS

FOR 21.52 mm GLASS

↓ LAB/PERFORMANCES

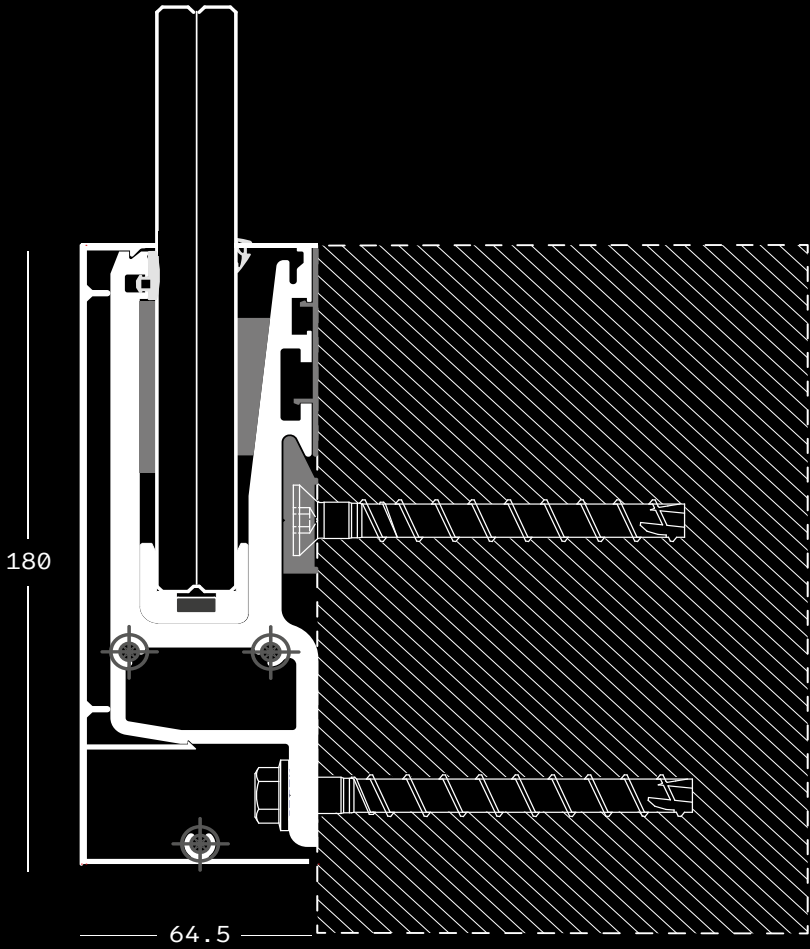
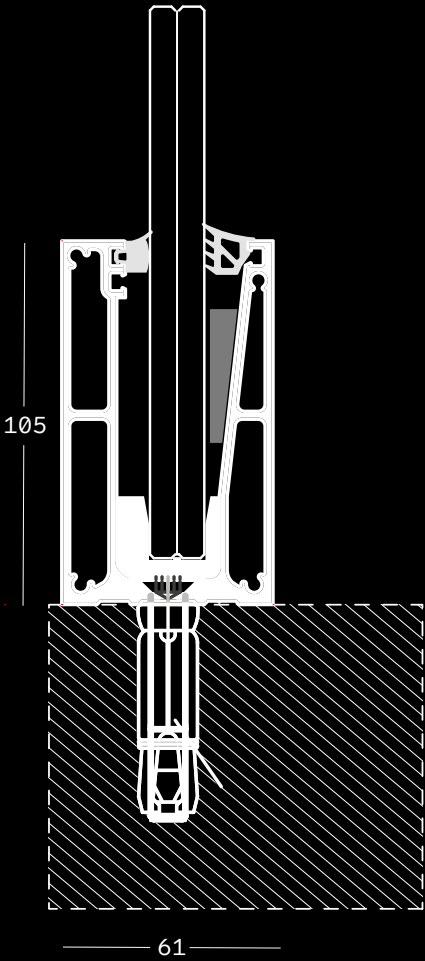
IFT ROSENHEIM GERMANY / L-LINE TOP MOUNT FIN
RESISTANCE TO WIND LOAD 3 kPa UP TO 5 kPa

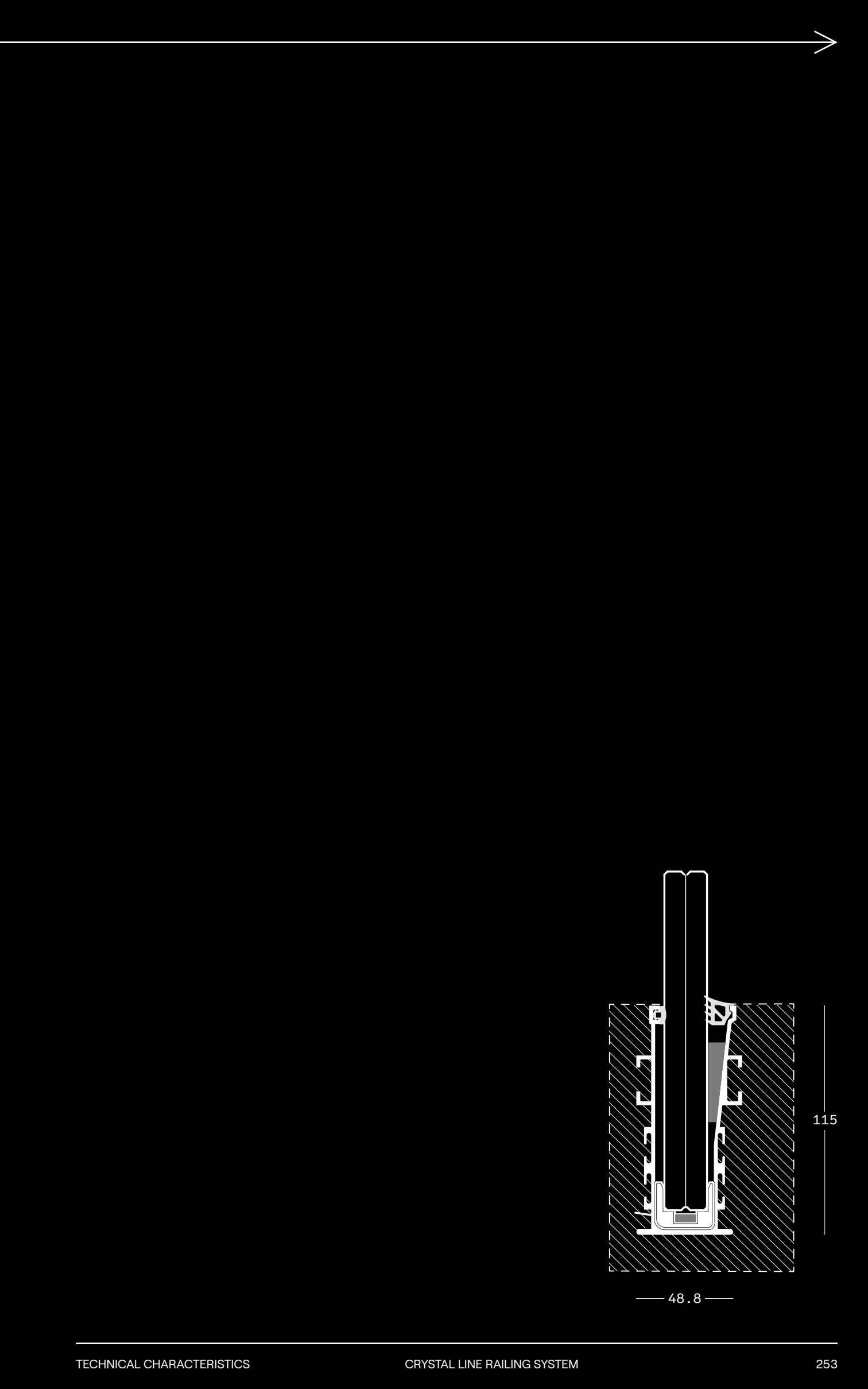
INTERTEK USA / ACHIEVED CONCENTRATED LOAD
OF 807 LB = 3.6 kN

BBRI BELGIUM / ACHIEVED DISTRIBUTED LOAD
OF 3.6 kN/m



SLIM LINE





SLIM LINE

↓ PROFILE DIMENSIONS

FACE HEIGHT/WIDTH (TOP MOUNT) mm	105/61
FACE HEIGHT/WIDTH (SIDE MOUNT) mm	180/65

↓ DESIGNED FOR

LIGHT TO MEDIUM USE (≤1 KN/M)	INDOOR & OUTDOOR
-------------------------------	------------------

↓ MOUNTING

TOP MOUNT SOLUTION
SIDE MOUNT SOLUTION
IN-FLOOR SOLUTION

↓ DOMAIN OF APPLICATION

PRIVATE	HOUSES, RESIDENCES, VILLAS
COMMERCIAL	OFFICES, SHOPS, RETAILS

↓ INFILL

TEMPERED LAMINATED GLASS



↓ GLASS THICKNESS

5.5.4PVB / 11.52 mm

6.6.4PVB / 13.52 mm

8.8.4PVB / 17.52 mm

10.10.4PVB / 21.52 mm

↓ TOP HANDRAIL

FOR 13.52 mm GLASS

FOR 17.52 mm GLASS

FOR 21.52 mm GLASS

↓ LAB/PERFORMANCES

IFT ROSENHEIM GERMANY / SLIM LINE SIDE MOUNT 1010.4PVB
FULFILLED LOAD OF 1.7 kN/m (PERFORMANCE UNDER SAFETY LOAD)

IFT ROSENHEIM GERMANY / SLIM LINE SIDE MOUNT 1010.4PVB
FULFILLED LOAD OF 1.7 kN/m (PERFORMANCE UNDER SAFETY LOAD)

IFT ROSENHEIM GERMANY / SLIM LINE TOP MOUNT 66.4PVB
FULFILLED LOAD OF 1.7 kN/m (PERFORMANCE UNDER SAFETY LOAD)

THE OUTDOORS



FUSION LINE RAILINGS

STYLISH BALUSTRADE SOLUTIONS



In the great family of ALUMINCO's railing systems joins the series Fusion Line.

Fusion line dramatically improves the most important aspects of the Railings experience. It introduces advanced and robust profiles for extra strength, unique design for impressive look and the best performance ever in a railing system.

The series takes its name from its ability to combine with harmony and fantasy glass with aluminum in countless combinations, while at the same time to remain uncluttered, affordable luxury and very beautiful.

The series offers three editions: ORBIT, ELXIS, SYNTHESIS. Each edition has its own character, it is completely unique in the railing market, creating an entirely new look while offering the ultimate answer to the demand for contemporary and stylish railing systems.

SYSTEM IDENTITY





TIMELESS
ELEGANCE
AND RELIABLE
SAFETY
IN ABSOLUTE
BALANCE





FUSION LINE RAILINGS

THREE TYPES
ENDLESS
POSSIBILITIES



Minimalist Design

Thanks to the extreme simplicity and minimal nature of the fusion line series, it works well as a visual element.

Reliable safety

Fusion line railings perform extremely well, providing utmost safety and protection.

Three types. Endless possibilities

Orbit, Elxis and Synthesis blend aluminum and glass together in numerous unique combinations.





The Orbit edition offers the unrivaled advantage of an unconventional modernity, fit in perfectly with the “new do” of architecture.

Among others, this series supports special partitions that stand out for their aesthetics and functionality, applied from block of flats to hotel units.

ORBIT





The Elxis line features a modern design that highlights the simplicity of the lines, ideal for minimal design spaces. It offers innovative solutions for large glazing openings while meeting the high performance standards of demanding projects.

ELXIS



The Synthesis line is characterized by modern aesthetics and an endless variety of profile combinations. Its uniqueness lies on the fact that 80% of its construction work can be carried out in the factory and only 20% on site.

SYNTHESIS





ELLIPTICAL & RECTANGULAR DESIGN

PERFORMANCE >1.7 KN/m

MAXIMUM HEIGHT FOR TYPICAL RAILING mm 1200

MAXIMUM WIDTH FOR TYPICAL RAILING mm 1300

MAXIMUM HEIGHT FOR HOTEL PARTITIONS mm 2000

MAXIMUM WIDTH FOR HOTEL PARTITIONS mm 1500

MAXIMUM GLASS THICKNESS 66.4 PVB / 13.52 mm

HANDRAILS FOR ALL RAILING TYPOLOGIES

AVAILABLE IN WIDE RANGE OF POWDER COATING FINISHES

DESIGNED FOR INDOOR & OUTDOOR USE

HIGH LEVEL OF ROBUSTNESS, IDEAL FOR LARGE GLAZING OPENINGS

SUITABLE FOR COMMERCIAL PLACES AS A FIXED WINDSCREEN

SUITABLE FOR MODERN HOMES, COMMERCIAL BUILDINGS & HOTELS

ORBIT

ELXIS

MODERN DESIGN

NO VISIBLE SCREWS FOR PERFECT AESTHETIC RESULT

MAXIMUM WIDTH BETWEEN THE COLUMNS mm 1300

COLUMN WIDTH mm 12

MAXIMUM GLASS THICKNESS 55.4PVB / 11.52 mm

MINIMUM COMPONENTS OFFER ECONOMY & ERGONOMICS

NUMEROUS SHAPES OF HANDRAILS

AVAILABLE IN WIDE RANGE OF POWDER COATING FINISHES

GLASS APPLICATIONS AT THE BOTTOM RAIL WITH TOP HANDRAIL

APPLICATION OF GLASS FOLDING SYSTEM ON THE STRUCTURE

DESIGNED FOR INDOOR & OUTDOOR USE

HIGH LEVELS OF ROBUSTNESS FOR LARGE WINDOW OPENINGS

SUITABLE FOR BALCONY AREAS, FENCES, INTERIOR AND EXTERIOR STAIRS

CONTEMPORARY MINIMAL DESIGN WITH A SLEEK FINISH LOOK	
CHOICE OF RECTANGULAR OR OVAL CROSS SECTIONS	
ALL COMPONENTS ARE MADE OF DURABLE ALUMINIUM	
WIDE RANGE OF PROFILE COMBINATIONS	
COLUMN WIDTH mm	12
MAXIMUM SPAN BETWEEN COLUMNS mm	1300
MAXIMUM GLASS THICKNESS	55.4PVB = 11.52 mm
FAST AND EASY ASSEMBLY AS WELL AS INSTALLATION	
80% OF FABRICATION IS DONE IN-HOUSE WHILE ONLY 20% NEEDS TO BE FINISHED ON SITE	
PRE-FABRICATED INDEPENDENT PANELS	
SPLIT SECTION TOP HANDRAIL CONNECTS TOTAL SPAN OF RAILINGS	
AVAILABLE IN WIDE RANGE OF POWDER COATING FINISHES	
SUITABLE FOR BALCONIES, IDEAL FOR RESIDENCES AS WELL AS HOTEL FACILITIES	

SYNTHESIS

THE OUTDOORS

JULIETTA FOR JULIET BALCONIES

CONTEMPORARY
LOOK OF
A “NO BALCONY”
BARRIER



Julietta, a system solution by ALUMINCO, is the contemporary look of a “no balcony” barrier, delivering minimalist structures of maximum strength.

The modern buildings use of full height windows and doors in the creation of a larger “virtual space” in a small environment. This creates an extension of the outside visibility and enlarges the viewpoint from the inside. In “no balcony” situations, Julietta is the greatest solution with contemporary style.

Working as a guarding or barrier placed on the outside of full height windows and doors, Julietta mainly offers an ultra-reassuring feeling, when mounted on the first floor or higher floors, that do not lead to a “walk on” balcony.

From the inside you achieve an unobstructed view, with a clean element spanning across the opening, no vertical bars or posts, no glass clamps, thereby creating very slim sightlines.

SYSTEM IDENTITY



CONTEMPORARY
LOOK OF
A “NO BALCONY”
BARRIER





DELIVERING
MINIMALIST
STRUCTURES
OF MAXIMUM
STRENGTH





JULIETTA FOR JULIET BALCONIES

POSSIBILITY OF DIFFERENT INFILL UNITS



The Julietta is fitted, as standard, with glass infill offering enhanced aesthetics, easy installation, almost no maintenance, and extra inner strength.

The decorative solution and the Xpand solution are more options to make a statement.

FEATURES

Available in three different glass thicknesses

Mounted onto the facade or directly onto the window frame, suitable for aluminium frames

Possibility of different infill units

Optionally mounted with a top handrail

Available in 5 different shades: RAL 9016, RAL 9005, 9005 MATT, 420 Anodic, Black Anodic

HIGHLIGHTS

Ultra-safe barrier, slender profiles

Quick and simple mounting

Cost-effective application

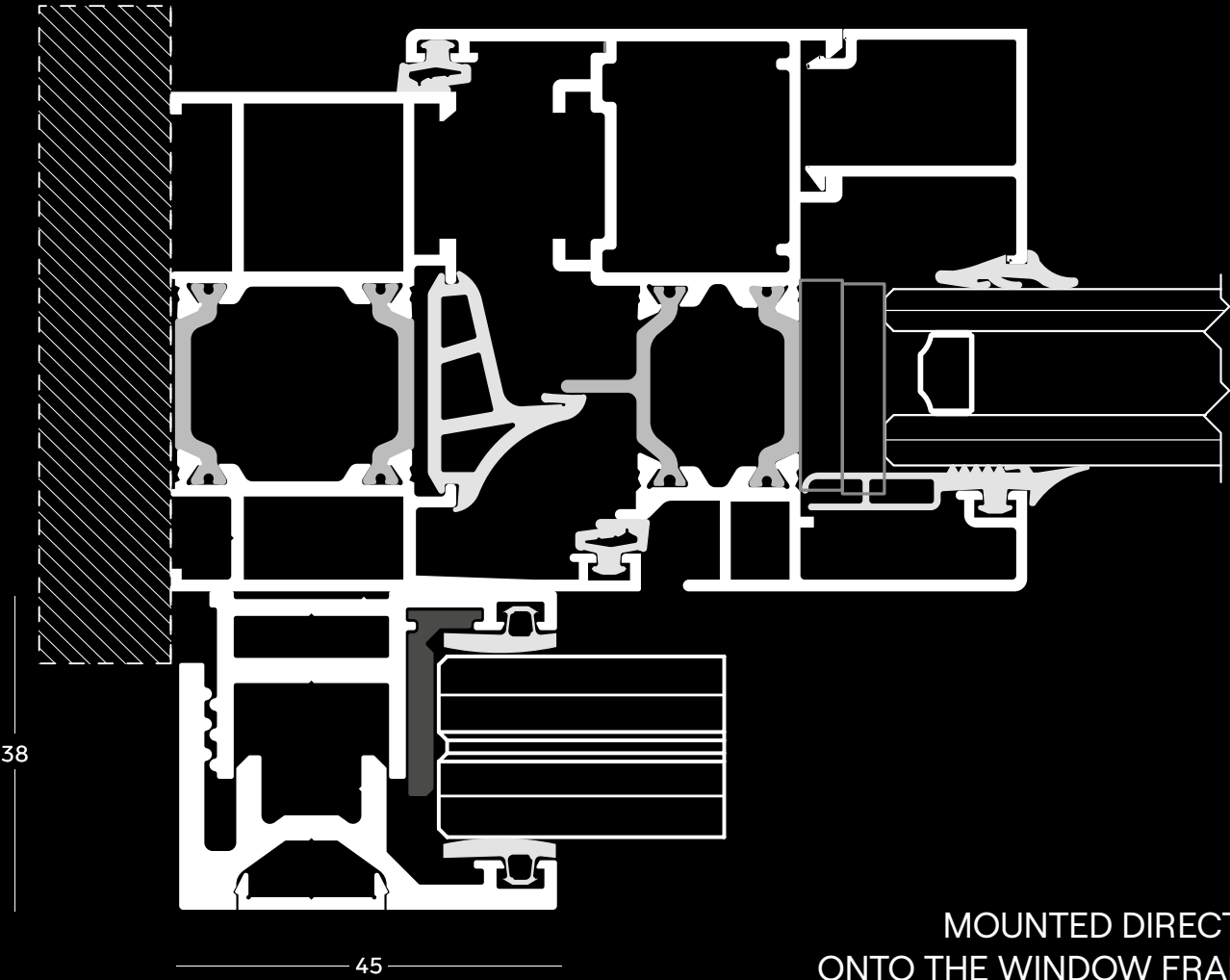


TECHNICAL CHARACTERISTICS

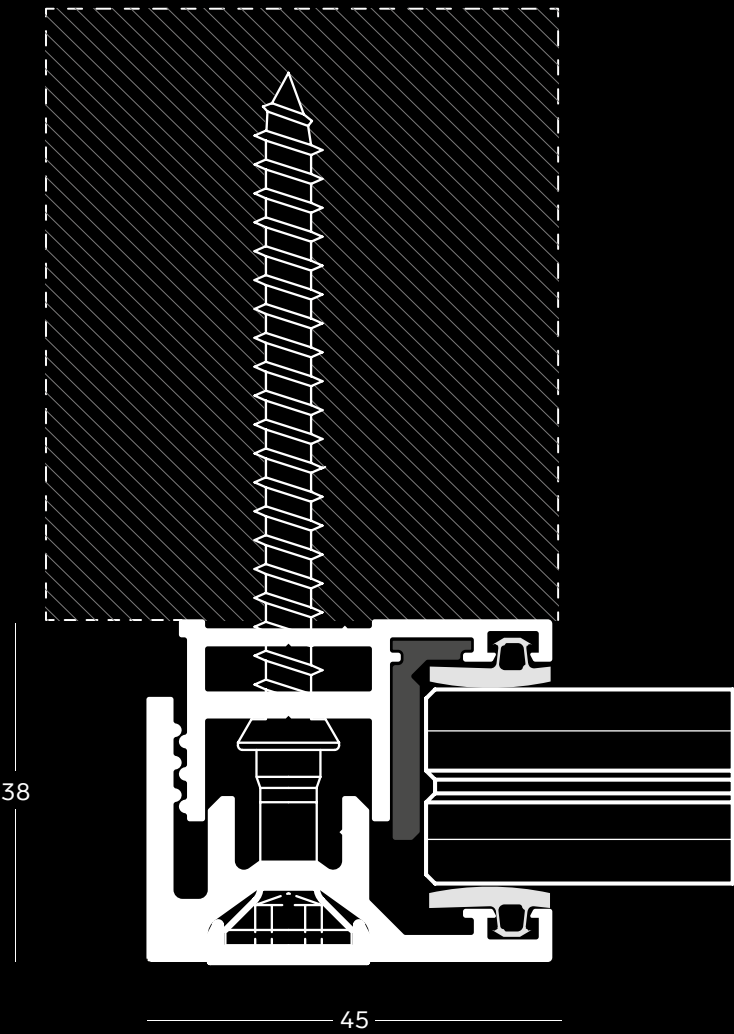


JULIETTA FOR JULIET BALCONIES

MOUNTING MATTERS



MOUNTED DIRECTLY
ONTO THE WINDOW FRAME



MOUNTED
ONTO THE FAÇADE



↓ UNIT DIMENSIONS

FACE HEIGHT mm 1000 & 1100

FACE WIDTH mm UP TO 2000

↓ DESIGNED FOR

OUTDOOR USE

↓ MOUNTING

MOUNTED DIRECTLY ONTO THE WINDOW FRAME

MOUNTED ONTO THE FAÇADE

↓ DOMAIN OF APPLICATION

PRIVATE (HOUSES, RESIDENCES, APARTMENTS)

COMMERCIAL (OFFICES, PUBLIC BUILDINGS, SCHOOLS)

↓ INFILL

TEMPERED LAMINATED GLASS

↓ GLASS THICKNESSES

6.6.4PVB / 13.52 mm

8.8.4PVB / 17.52 mm

10.10.4PVB / 21.52 mm

↓ EXTRAS

TOP HANDRAIL, DECORATIVE INFILL, XPAND INFILL

THE OUTDOORS



OPEN AIR

GLASS WINDSCREEN SYSTEM



The Open Air system is a world-class technological breakthrough concept providing endless options for the most demanding design or construction.

Combining innovative technology with remarkable design, the Open Air editions PLUS, ULTRA PLUS, FIXED, GLASS WALL, E-MOTION constitute the ultimate solution for stylish outdoor spaces such as restaurants, cafes, roof gardens, hotels and more.

A unique innovation patented and available exclusively from Aluminco, where the movable part of the system rises or lowers with a single light pressure, effortlessly, according to our needs and depending on the weather conditions.

Beyond that, what makes the Open Air System truly irresistible is its minimalistic design and superior quality. Simple and modern at the same time, it provides endless construction perspectives to the most challenging structural design.

All editions carry the specially designed logo Open Air by ALUMINCO stressing further the culture of excellence and offering a unique experience to the end user.

SYSTEM IDENTITY





OUTSTANDING
FLOWING DESIGN
MADE OF GLASS
& ALUMINUM





OPEN AIR

CUTTING EDGE TECHNOLOGY AT YOUR FINGERS



The least visible aluminium frame achieves a minimal and modern style while the laminated glass releases the maximum of natural light in the inner environment.

OUTSTANDING ELEGANCE





All editions perform extremely well in open air spaces providing sound reduction and high protection against all weather conditions.

UNIQUE OPEN AIR PROTECTION





Each Open Air is the aftereffect of handmade expertise which you can rarely come across throughout the aluminum industry.

HANDCRAFTED BY MASTERS



Open Air Systems have been tested and approved by notable Testing Laboratories to meet and exceed quality, safety and performance standards.

TESTED & APPROVED



TECHNICAL CHARACTERISTICS



OPEN AIR

WE DESIGN ADVANTAGES

OPEN AIR
PLUS



OPEN AIR
ULTRA+



↓

OA 1600

LENGTH	mm	MAX.	2000	(L)
HEIGHT	mm	CLOSED	1000	(H1)
		OPENED	1600	(H2)
COLUMN DIMENSIONS	mm		50×100	
GLASS TYPE	FIXED PART	TEMPERED GLASS	4.4.4	PVB
	MOVING PART	MONOLITHIC GLASS	6	mm
BASE				FIXED

↓

OA 1800

LENGTH	mm	MAX.	2000	(L)
HEIGHT	mm	CLOSED	1100	(H1)
		OPENED	1800	(H2)
COLUMN DIMENSIONS	mm		50×100	
GLASS TYPE	FIXED PART	TEMPERED GLASS	4.4.4	PVB
	MOVING PART	MONOLITHIC GLASS	6	mm
BASE				FIXED

↓

OA 2000

LENGTH	mm	MAX.	2000	(L)
HEIGHT	mm	CLOSED	1200	(H1)
		OPENED	2000	(H2)
COLUMN DIMENSIONS	mm		50×100	
GLASS TYPE	FIXED PART	TEMPERED GLASS	4.4.4	PVB
	MOVING PART	MONOLITHIC GLASS	6	mm
BASE				FIXED

→

COLORS

BLACK ANODIC

ANODIC 420

OPEN AIR E-MOTION





↓ OA 1800

LENGTH	mm	MAX. 3000 (L)	
HEIGHT	mm	CLOSED	1000 (H1)
		OPENED	1780 (H2)
COLUMN DIMENSIONS	mm	60×160	
GLASS TYPE	FIXED PART	TEMPERED GLASS 4.4.4 PVB	
	MOVING PART	MONOLITHIC GLASS 6 mm	
BASE	FIXED		

↓ OA 2000

LENGTH	mm	MAX. 3000 (L)	
HEIGHT	mm	CLOSED	1100 (H1)
		OPENED	1600 (H2)
COLUMN DIMENSIONS	mm	60×160	
GLASS TYPE	FIXED PART	TEMPERED GLASS 4.4.4 PVB	
	MOVING PART	MONOLITHIC GLASS 6 mm	
BASE	FIXED		

↓ OA 2200

LENGTH	mm	MAX. 3000 (L)	
HEIGHT	mm	CLOSED	1200 (H1)
		OPENED	2180 (H2)
COLUMN DIMENSIONS	mm	60×160	
GLASS TYPE	FIXED PART	TEMPERED GLASS 4.4.4 PVB	
	MOVING PART	MONOLITHIC GLASS 6 mm	
BASE	FIXED		

→ COLORS	BLACK ANODIC
	ANODIC 420



OPEN AIR PLUS C—EXT/C—INT

All types of the Open air system can be delivered
in two standard corners of 90°angle, internal
(C-INT) and external (C-EXT).



OPEN AIR ULTRA+ C—EXT/C—INT



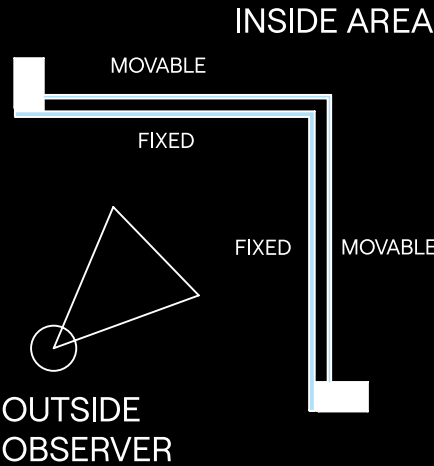
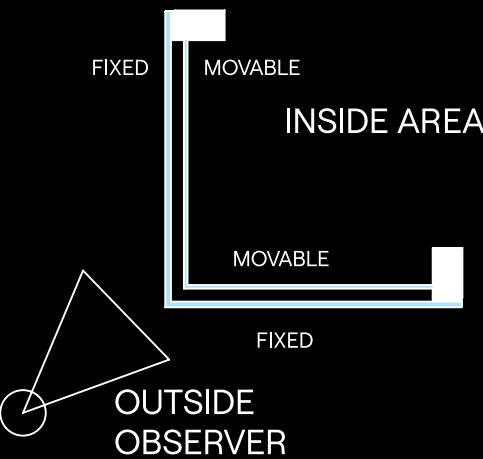


↓ OA 1800 C-INT / C-EXT

LENGTH	mm	500 (L)	
HEIGHT	mm	CLOSED	1100 (H1)
		OPENED	1800 (H2)
COLUMN DIMENSIONS	mm	50×100	
GLASS TYPE	FIXED PART	TEMPERED GLASS	4.4.4 PVB
	MOVING PART	MONOLITHIC GLASS	6 mm
BASE	FIXED		

↓ OA 2000

LENGTH	mm	500 (L)	
HEIGHT	mm	CLOSED	1200 (H1)
		OPENED	2000 (H2)
COLUMN DIMENSIONS	mm	50×100	
GLASS TYPE	FIXED PART	TEMPERED GLASS	4.4.4 PVB
	MOVING PART	MONOLITHIC GLASS	6 mm
BASE	FIXED		



→ COLORS

BLACK / NOIR ANODIC
ANODIC 420

THE OUTDOORS



PERGOLAS

CLASSIC
MODERN

Pergolas of classic style are awesome additions to any open space or private area, whether residential or commercial property.

Made from durable aluminium, our complete range of classic pergolas can be placed anywhere, ensuring robust and sturdy constructions while assuring lifetime durability without any maintenance requirements.

CLASSIC TRADITIONAL





TRADITIONAL
DESIGN
WITH TIMELESS
VALUE





Traditional pergolas may be combined with polycarbonate panels offering additional protection from various weather conditions.

WITH POLYCARBONATE SHEETS





The combination of traditional pergola with canvas roofing provides shading and at the same time upgrades the aesthetics, particularly when combined with wood imitation shades.

WITH CANVAS ROOFING





ALUMINCO’s modern pergolas draws inspiration from the outdoors, acting as wellness living quarters.

Our unique range of pergolas can be used in residential living spaces as well as in hotel or commercial facilities, enabling perfect integration in any architectural setting.

MODERN





CREATE
A COZY
OUTDOOR
SPACE





ENJOY BEING
OUTDOORS
WITH
NO BOUNDARIES





Polycarbonate panels may be fitted on modern pergolas, adding protection from weather conditions. Ideal for gardens, swimming pools and roof gardens.

WITH POLYCARBONATE SHEETS





The canvas on the fixed aluminium structure offers more protection and shading, creating the best inviting place for family and friends to get together.

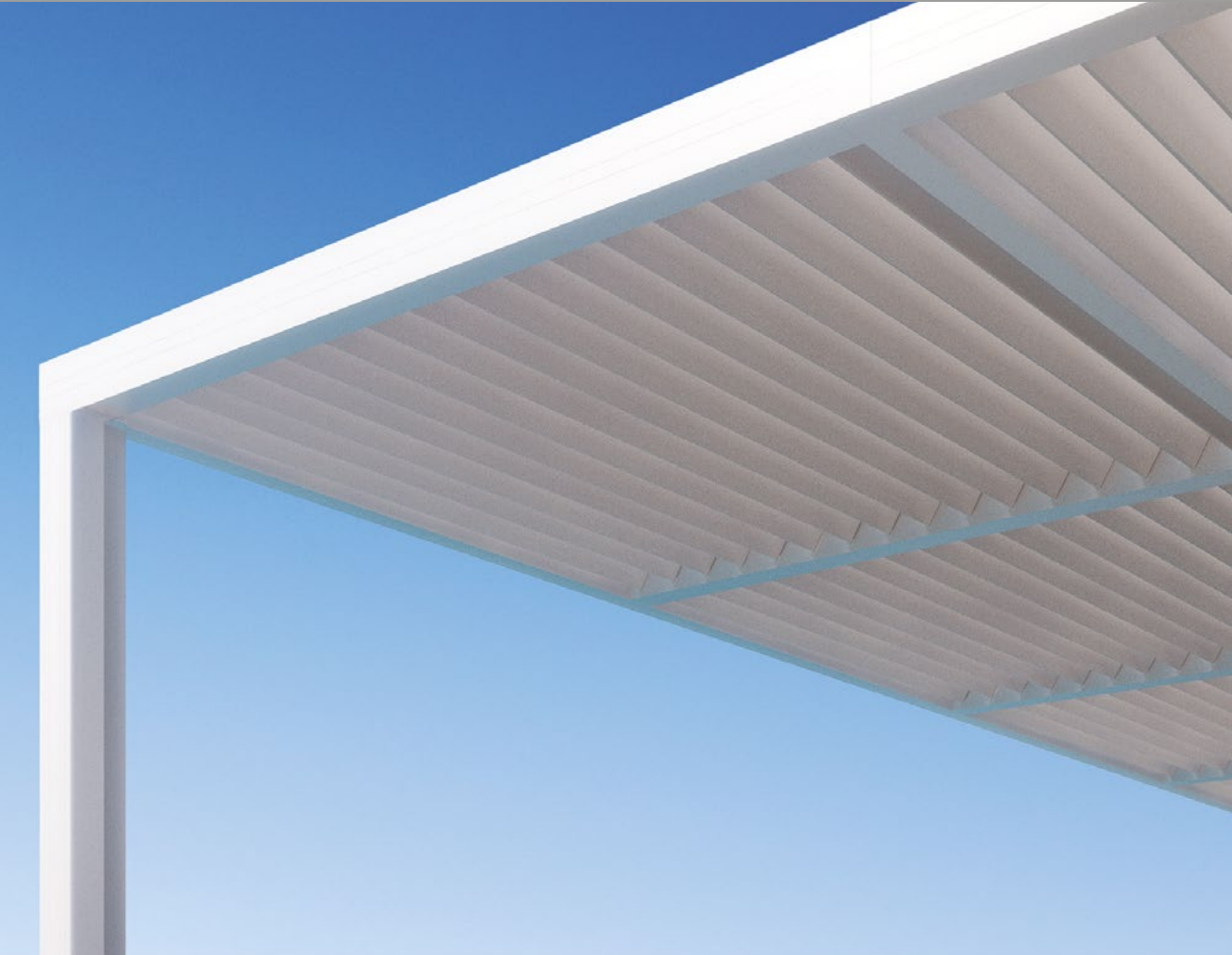
WITH CANVAS ROOFING





An exceptional modern pergola of top functionality, durability, and high aesthetic value. Characterized by motorized rotating louvers that provide the optimum angle for best sun-shading. It can be easily and accurately operated through a remote control.

WITH MOVABLE LOUVER BLADES





One more option of the modern pergola, where fixed louver blades may be used in certain parts, giving originality to modern design. Highly recommended for those seeking things out of the ordinary.

WITH FIXED LOUVER BLADES



THE OUTDOORS



GATES & FENCES

ADDING VALUE
TO OUTDOOR
LIVING SPACES



Enhance your home’ s security and style with our extensive range of gates and fences.

Available in great choice of models and colours, ALUMINCO gates and fences require virtually no maintenance and will not rust or rot like steel or timber!

Whether you select a classic gate or a contemporary one, they will stand up to the test in time, as they are weather resistant even in coastal areas die to the high-quality powder coating and hardware.

Can be manual or automated, with aluminium gates offering the greatest advantage of a longer lifespan as a lighter gate reduces the wear on all components without compromising on security!

Gates are available in many configurations, hinged pedestrian gate, sliding driveway gate or side door.

GATES

FENCES

Our range includes aluminium fencing, pool fencing, privacy screens and garden fencing solutions.

All made from high quality aluminium and in numerous design variants, allowing freedom in Creativity!

A wide range of powder coat offer a 10-year warrantee by QUALICOAT and our Wood Effect colors are truly remarkable!

Fences like gates are designed to be installed by a competent installer as well as a builder or handyman.





THE FIRST
IMPRESSION
COUNTS
THE MOST





INSPIRATION
FROM
THE OUTDOORS



11
William Street



GATES & FENCES

THE TAILOR SOLUTIONS



When dealing with Xpand, the only limit is your imagination!

Xpand is a polymorphic, light, cost-effective architectural design mesh, that adapts as an infill perfectly well with the gates and fences. It is available in a variety of forms, motives and colors that differ according to the given dimensions, the light penetration, and the design.

THE XPAND INTEGRATION





Following the Xpand philosophy, Wave infills are giving super privacy on the covered area - mostly applied on fences and gates. Available in two versions: standard aluminum sheet WV100 and heavy duty WV101 with additional vertical reinforcement of aluminum bars.

THE WAVE INTEGRATION



ALUMINCO® is a registered trademark
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