



ALUMINUM CATALOG



ABOUT SKYGEN

Welcome to SKYGEN.

Here, we elevate your vision and transform your spaces.

Driven by innovation and craftsmanship, SKYGEN gained its trust as the most reliable windows and doors supplier across Canada and United States. Working side by side with designers, general contractors, builders, architects and construction companies, we deliver impeccable service and solutions for everybody.

Our client is always our top priority. Each project has its own unique story and needs a personalized approach. We strive to be that companion who is always there for you. Let us take care of every detail, from manufacturing your customized design to installing it.

At SKYGEN you will find a variety of doors, windows, pergolas, and sliding systems of exceptional quality. We are proud of trustful and long-term relationships with our clients, as we set high standards and implement only modern techniques in the work process.

Our work speaks louder than words. We've already become a top specialist in planning, projecting, and supplying doors and windows for Canadians. Do you want to know why? Reach out to us or come to our showroom, located at 6210 Northwest Dr Mississauga. Our doors and windows are always open for you!

SKYGEN IN NUMBERS

50+

Products in offers

90

Days to deliver
your order

67

Business partners



Skygen Windows System

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ALUMINUM

Aluminum windows are a practical option for window construction. They are easy to clean, do not require complex care, and are resistant to rust and corrosion. These qualities make aluminum windows a popular choice for homeowners looking for durable and low-maintenance window solutions.



Products & delivery

We offer a wide range of window and door systems made of uPVC, aluminum, steel and wood. We constantly develop our range of products. In our offer clients may find windows, doors, sliding systems, insect screens, garage doors and fences. Our products are properly secured for sea or land transportation. The process from order to the shipment of goods is made in the shortest time on the market.



Quality confirmed

Manufacture of our products is based on the modern ISO quality management system and it is regulated by certificates confirming their quality and safety. Quality of our facilities and selected products are confirmed by Keystone inspections. In addition, some products have tests in accordance with AAMA, NFRC, STC/OITC, and TAS.



Modern technology

Production takes place in 7 modern manufacturing plants. Our products are manufactured with the highest quality materials from prestigious European suppliers.

What sets us apart is our unwavering commitment to excellence. We utilize the best materials and premium brands ensuring they meet the highest standards of quality.

Our energy-efficient designs optimize thermal insulation, helping you reduce utility costs. Our windows and doors are reinforced to withstand diverse weather conditions, offering enhanced durability.



Elevate your home's aesthetic appeal with sleek, modern designs that make a lasting impression. With efficient production and delivery, we customize your windows and doors within 2-3 months.

Choose from a wide range of versatile options, including tilt and turn and lift and slide mechanisms, tailored to your unique preferences.



MASTERPATIO

LIFT AND SLIDE DOOR SYSTEM

MasterPatio is a technologically advanced response to the need to obtain the largest possible glazing in sliding and tilt door systems. The profiles are almost invisible in it and constitute only about 10% of the opening's lumen.

The visibility of plastic elements and gaskets that are hidden in the profiles has been minimized. At the same time, it was possible to obtain a thermal transmittance coefficient suitable for passive buildings (up to $0.9W / (m^2K)$).



TECHNICAL DATA	MasterPatio
Frame depth (window)	180 mm
Sash depth (window)	77 mm
Glazing thickness (fixed window / opening windows)	up to 62 mm
MAXIMUM DIMENSIONS AND WEIGHT OF THE CONSTRUCTION	
Maximum dimensions of the window TT	H up to 3500 mm L up to 2800 mm
Max weight of the sash (window)	500 kg

The MasterPatio system can even cover the entire wall. It is possible to create almost the entire facade with its use. The maximum height of the element is 3.5 m, and the weight of the sliding and tilting sash can reach 500 kg. Glazed doors are packages up to 62mm wide. The solution is fully compatible with the MasterLine 8 window and door system, which dramatically enriches the design possibilities. In some variants, a low threshold or a threshold flush with the floor can be used.

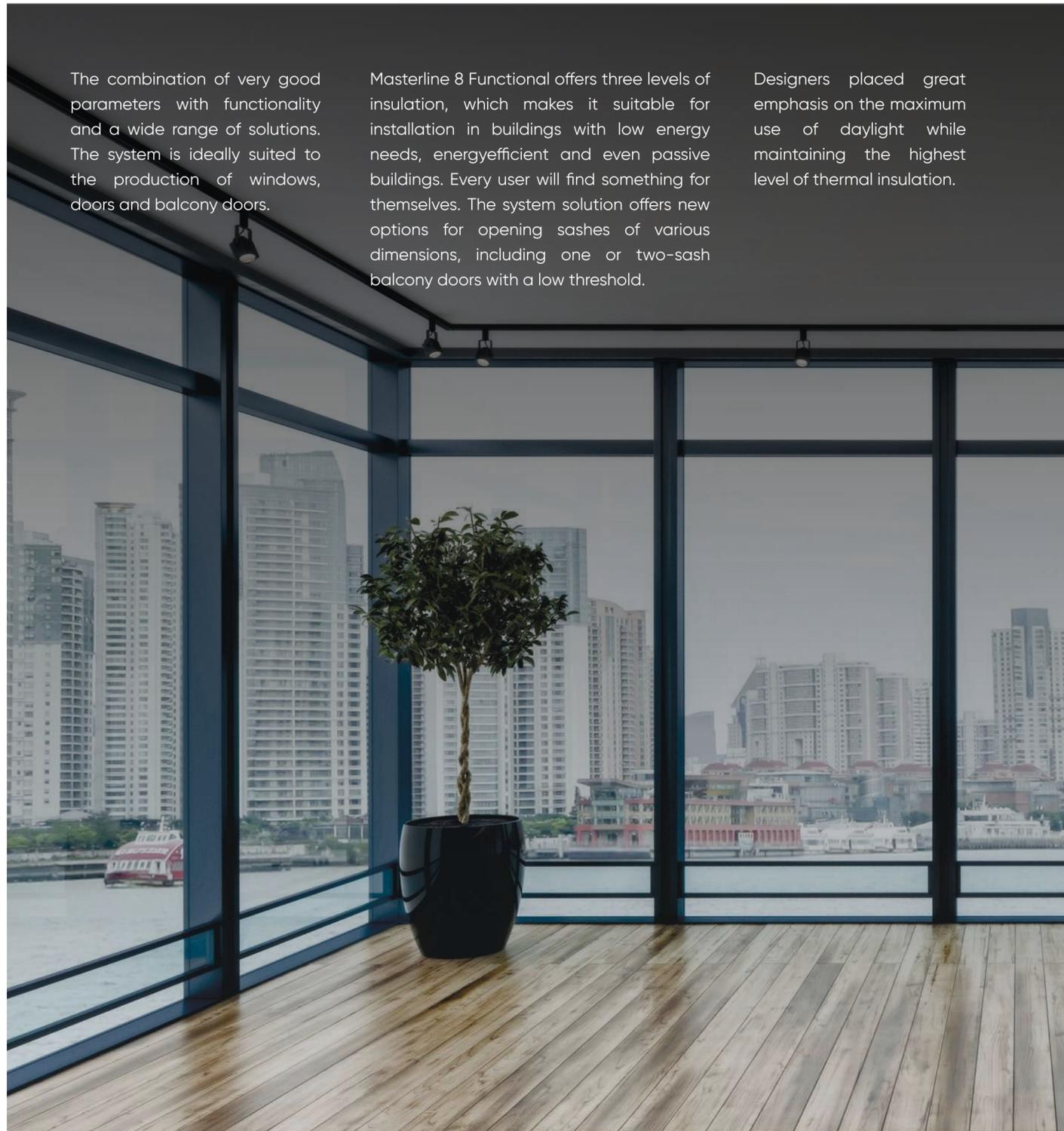


MASTERPATIO



INNOVATIVE LOGISTICS

Our revolutionary logistics and distribution model of windows and doors is the most dependable in Canada & United States. From the manufacturer to your doorstep, we guarantee a seamless and trustworthy process.



The combination of very good parameters with functionality and a wide range of solutions. The system is ideally suited to the production of windows, doors and balcony doors.

Masterline 8 Functional offers three levels of insulation, which makes it suitable for installation in buildings with low energy needs, energyefficient and even passive buildings. Every user will find something for themselves. The system solution offers new options for opening sashes of various dimensions, including one or two-sash balcony doors with a low threshold.

Designers placed great emphasis on the maximum use of daylight while maintaining the highest level of thermal insulation.

MASTERLINE 8

WINDOW SYSTEM



TECHNICAL DATA		Masterline 8
Frame depth (window)		77 mm
Sash depth (window)		87 mm
Glazing thickness (fixed window / opening windows)		do 62 mm
MIN. VISIBLE WIDTH OF SECTIONS		
Frame (window)		53 mm
Sash (window)		20 mm (invisible)
MAXIMUM DIMENSIONS AND WEIGHT OF THE CONSTRUCTION		
Maximum dimensions of the window TT		H up to 2800 mm L up to 1200 mm
Max weight of the sash (window)		200 kg

MASTERLINE 8



MASTERLINE 8 PIVOT

DOOR SYSTEM

A system that enables the creation of unique revolving door structures. This type of door is an interesting and very modern alternative to sliding or folding patio doors.

The revolving door system provides excellent thermal insulation and tightness.

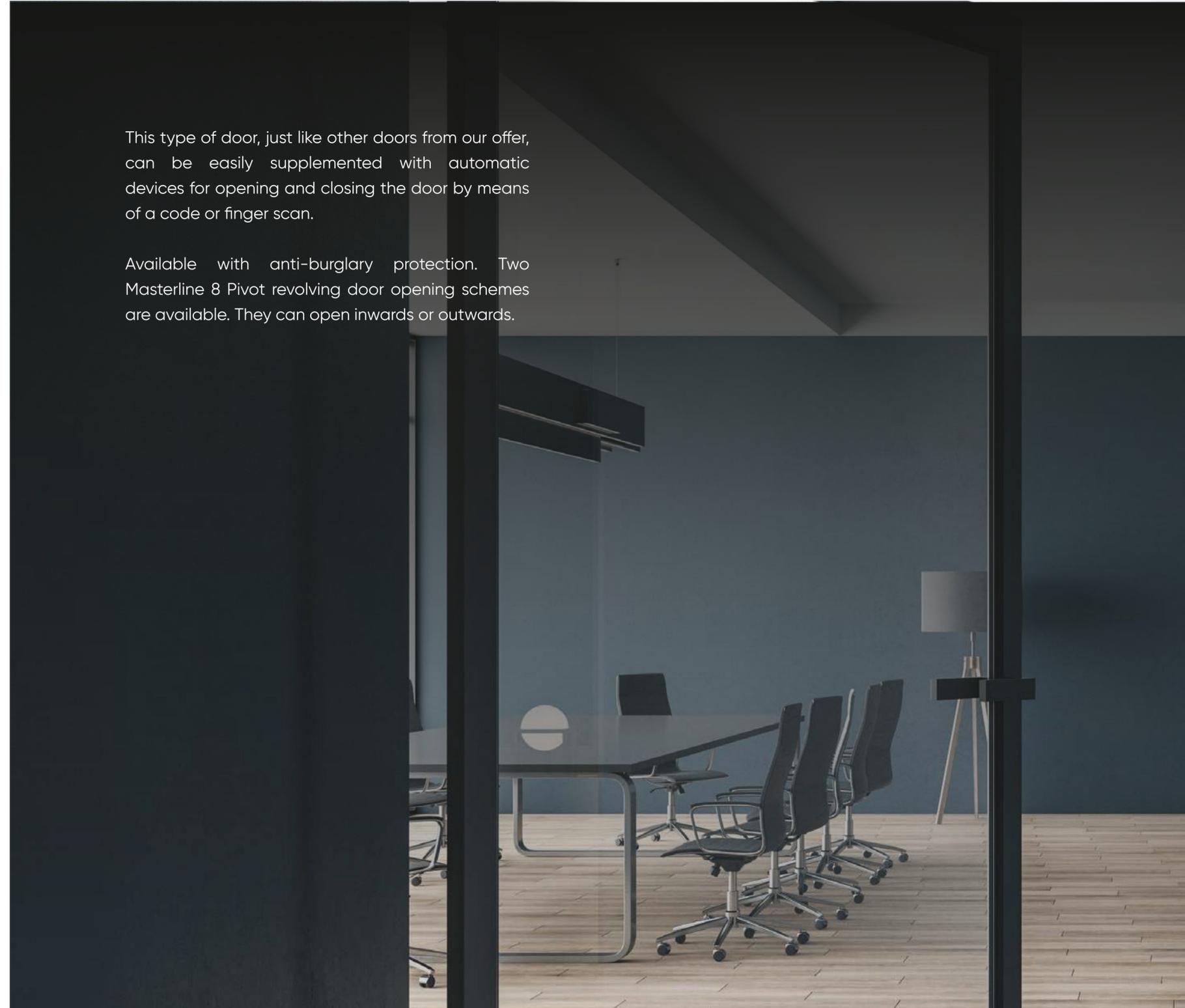


TECHNICAL DATA		Masterline 8 Pivot
Frame depth (window)		77 mm
Sash depth (window)		77 mm
Glazing thickness		up to 62 mm
MAX STRUCTURE DIMENSIONS AND WEIGHT		
Maximum dimensions of the door		H up to 3000 mm L up to 1700 mm
Max weight of the sash (door)		200 kg

This type of door, just like other doors from our offer, can be easily supplemented with automatic devices for opening and closing the door by means of a code or finger scan.

Available with anti-burglary protection. Two Masterline 8 Pivot revolving door opening schemes are available. They can open inwards or outwards.

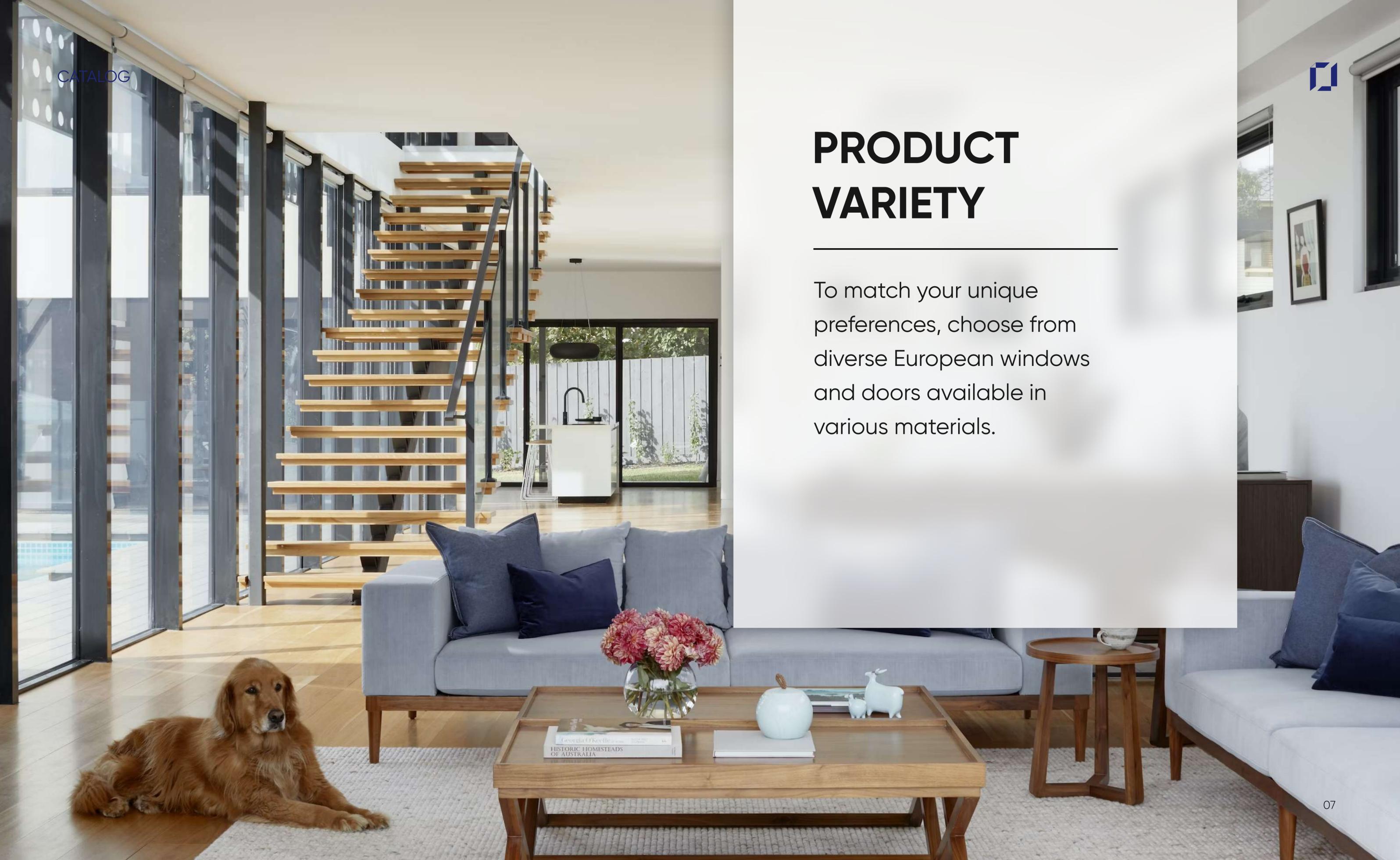
MASTERPATIO 8 PIVOT





PRODUCT VARIETY

To match your unique preferences, choose from diverse European windows and doors available in various materials.





SLIM LINE 38

WINDOW SYSTEM

The Reynaers SlimLine 38 system is designed for modern architecture requiring large glazing. It is also ideal for use in the renovation of industrial buildings, where it allows the style of traditional steel windows to be retained.

The system's versatility is ensured by the availability of three different profile aesthetic variants: Classic, Ferro and Cubic. The possibility of virtually free mixing of frames, sashes and girders between variants makes it easy to tailor the ideal configuration.



TECHNICAL DATA		SLIM LINE 38
Frame depth (window)		76-99 mm
Sash depth (window)		86 mm
Glazing thickness (fixed window / opening windows)		up to 55 mm
MAXIMUM DIMENSIONS AND WEIGHT OF THE CONSTRUCTION		
Maximum dimensions of the window TT		H to 1200 mm L to 2800 mm
Max weight of the sash (window)		170 kg



MB-79N

WINDOW AND DOOR SYSTEMS



TECHNICAL DATA		MB-79N ST / MB-79N SI
Frame depth		70 mm
Leaf depth		79 mm
Glazing thickness		1,5 - 63 mm
MIN. VISIBLE PROFILE WIDTH		
Frame		50,5 mm
Leaf		from 33,5 mm
MAX STRUCTURE DIMENSIONS AND WEIGHT		
Max. door leaf dimensions (H×L)		H to 2700 mm L to 1700 mm
Max. sash weight		180 kg

MB 79N is an economical window and door system that meets improved thermal and acoustic insulation norms. It is the successor of the acclaimed and widely used in the construction industry MB-70 system. Due to its high strength and durability, it creates rich constructional possibilities.

It is used to make a wide range of joinery, including fixed windows, casements, tilt and tilt and slide windows, single- and double-leaf external doors and shop window solutions with doors.

The system comes in several variants:

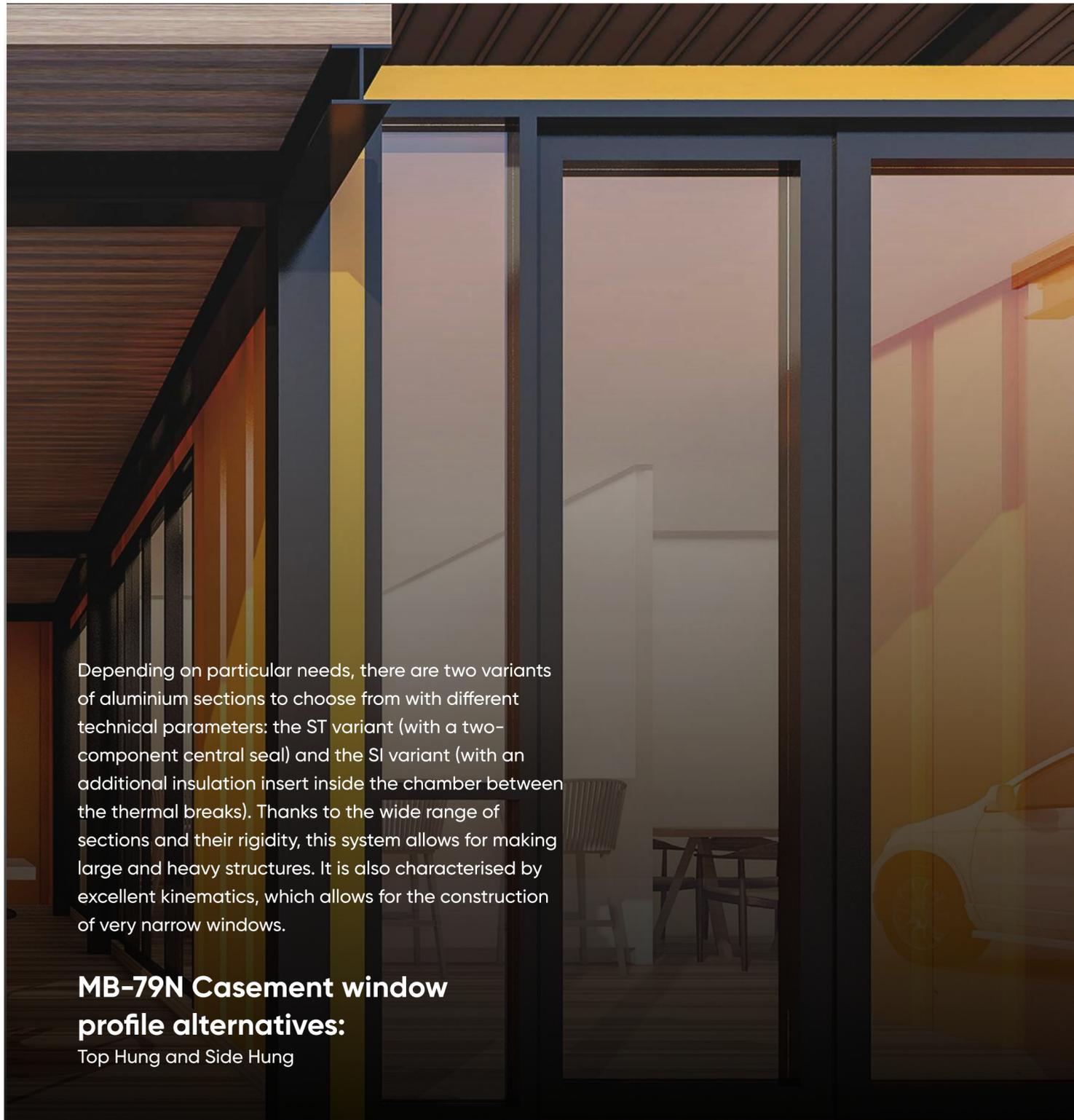
- The economical MB-79N E, with a single-component central gasket in the windows
- The MB-79N ST version with a two-component central gasket
- And the MB-79N SI variant with the best thermal insulation and profiles equipped with insulating inserts and a two-component central gasket





SWIFT ORDER PRODUCTION

Experience seamless processes with quick delivery. We pride ourselves on short waiting times for all orders – around 3 months! Our dedicated team of door and window installers in Toronto ensures a hassle-free experience.



Depending on particular needs, there are two variants of aluminium sections to choose from with different technical parameters: the ST variant (with a two-component central seal) and the SI variant (with an additional insulation insert inside the chamber between the thermal breaks). Thanks to the wide range of sections and their rigidity, this system allows for making large and heavy structures. It is also characterised by excellent kinematics, which allows for the construction of very narrow windows.

MB-79N Casement window profile alternatives:
Top Hung and Side Hung

MB-79N CASEMENT

MB-79N CASEMENT

WINDOW SYSTEM

A modern and economical window system with improved thermal insulation parameters. MB-79N Casement is part of the MB-79N system used for constructions such as: fixed, casement, tilt, tilt and turn and tilt and slide windows, single and double-leaf external doors, as well as shopfront solutions with doors.

Its main features are good thermal and acoustic insulation as well as water and air tightness. The windows are adapted to the stricter thermal insulation requirements of the European Directive 2010/31/EU in force from 2021, allowing their use in passive buildings



TECHNICAL DATA	MB-79N Top Hung / MB-79N Side Hung
Frame depth	70 mm
Sash depth	79 mm
Glazing thickness	frame: 1,5 - 54 mm sash: 10,5 - 63 mm
MAX. DIMENSIONS AND WEIGHTS OF STRUCTURES	
Max. door leaf dimensions (H x L)	H up to 2700 / 2500 mm L up to 1400 / 2400 mm
Max. sash weight (doors / windows)	180 kg



MB-SLIDE

SLIDING DOOR SYSTEM

The MB-Slide system creates enormous design possibilities and, at the same time, space arrangement opportunities. The maximum dimensions of the leaves are 2.6 x 1.8 m.

Available in different variants: from 2 to 6 modules. They can be glazed with up to 24 mm wide glass packages.

The structures based on the MB-Slide system also guarantee good technical parameters



TECHNICAL DATA		MB-SLIDE
Frame depth	50 and 97 mm	
Leaf depth	37 mm	
Glazing thickness	24 mm	
MIN. VISIBLE PROFILE WIDTH		
Frame	44,5 mm	
Lea	68,5 mm	
MAX STRUCTURE DIMENSIONS AND WEIGHT		
Max. dimensions of leaf	H to 2600 mm L to 1800 mm	
Max. weight of the leaf	160 kg	

Thermal separators ensure adequate thermal insulation of aluminium profiles, and sliding gaskets as well as EPDM rebate and glass gaskets enable high tightness of the structure.

Installation depth of leaf profiles is 37 mm, for frames:

50 mm (two-track rails) and 97 mm (three-track rails). MB-Slide system sliding doors move according to one of seven different patterns

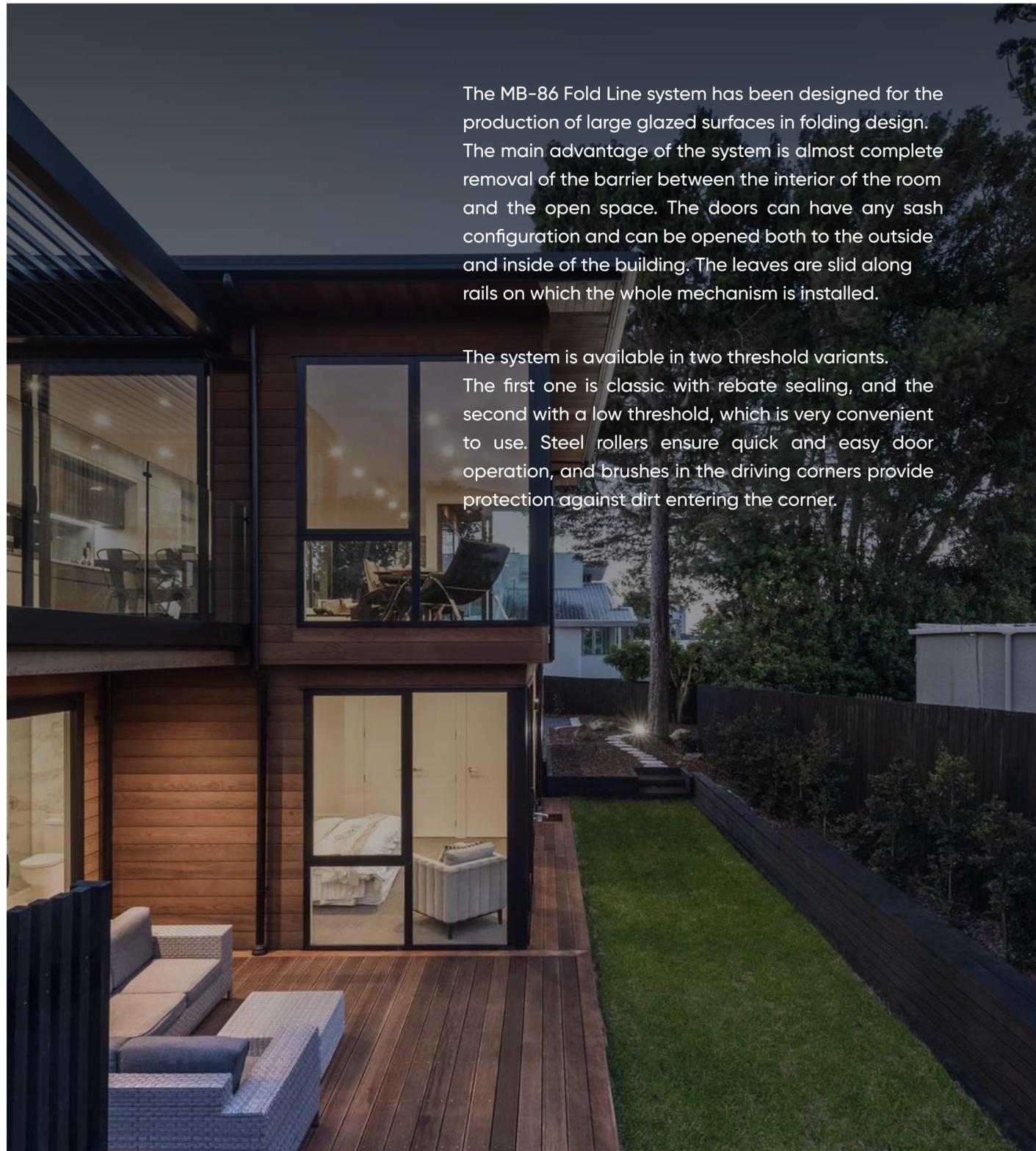


MB-SLIDE



COMPETITIVE PRICING

Enjoy cost-effective solutions without sacrificing quality.



The MB-86 Fold Line system has been designed for the production of large glazed surfaces in folding design. The main advantage of the system is almost complete removal of the barrier between the interior of the room and the open space. The doors can have any sash configuration and can be opened both to the outside and inside of the building. The leaves are slid along rails on which the whole mechanism is installed.

The system is available in two threshold variants. The first one is classic with rebate sealing, and the second with a low threshold, which is very convenient to use. Steel rollers ensure quick and easy door operation, and brushes in the driving corners provide protection against dirt entering the corner.

MB-86 FOLD LINE

FOLDING DOOR SYSTEM



TECHNICAL DATA		MB-86 Fold Line
Frame depth		87 mm
Leaf depth		77 mm
Glazing thickness		14 - 61,5 mm
Frame		
Frame		54 mm
Leaf		
Leaf		68,5 mm
Max. dimensions of leaf		
Max. dimensions of leaf		1000 x 2700 mm
Max. weight of the leaf		
Max. weight of the leaf		100 kg

MB-86 FOLD LINE



CORTIZO CASEMENT

WINDOW SYSTEM



The Cortizo Casement system is designed entirely for outward-opening windows. It is characterised by delicate, slender profiles that use the highest quality aluminium. Attention is drawn to the perfectly balanced glass-to-frame ratio, which allows more natural light into the interior. Windows made using this system are sturdy and meet strict British safety standards. The thermal break used in the system means that the windows have excellent thermal and acoustic performance in the standard version. You can also choose the HI version for increased insulation.

The system has a wide range of finishing options with RAL colours. The colours are gloss lacquered as standard, but a matt version is also available. The windows are available in a flush profile with espagnolettes and scissor hinges. It is possible to equip the windows with special fittings that make everyday use, cleaning and maintenance easier. This is the so-called easy-clean feature. Different window sizes and glazing units are available depending on the selected sashes. Casement windows are mainly dedicated to the British market, but they will certainly also find their enthusiasts in Poland.

TECHNICAL DATA		Cortizo Casement
Frame depth (window)		70 mm
Leaf depth (window)		70 mm
Glazing thickness		14 - 44 mm
MIN. VISIBLE PROFILE WIDTH		
Frame (window)		15 mm
Leaf (window)		50 mm
MAX STRUCTURE DIMENSIONS AND WEIGHT		
Max. dimensions of tilt-and-turn window (Top Hung)		H to 1800 mm L to 1800 mm
Max. weight of the leaf (window)		100 kg



CORTIZO CASEMENT



PROFESSIONAL INSTALLERS

When you choose SKYGEN, you're not just getting quality products – you're gaining access to a team of experts dedicated to enhancing the performance and aesthetics of your home or business. Experience the SKYGEN difference as we bring precision and expertise to every installation, making sure your windows and doors are not just installed but perfectly fitted.



Characterized by Italian design, the Cor Vision system was created to minimize the visibility of profiles, which may constitute only 9% of the structure. This is to increase the glazing and improve the aesthetic experience of this prestigious solution. The effect obtained has been further improved by enabling the embedding of lower, upper and side frames

A characteristic feature of the Cor Vision system is that there is no need to use a corner post when connecting the sashes at an angle of 90°. In the case of the single-track system option, it is possible to hide the rail in the permanent glazing area. Reinforced frames ensure high durability and allow the use of sashes with a maximum weight of 320 kg. The U_w coefficient reaches a satisfactory level of $1.3W / m^2K$.

COR VISION

HST LIFT AND SLIDE DOOR SYSTEM



TECHNICAL DATA		Cor Vision
Building depth		116 mm / 3-track- 182 mm
Filling thickness		36 - 54 mm
MAXIMUM DIMENSIONS AND WEIGHT OF THE CONSTRUCTION		
Max dimensions of the window sash (H x L)		H up to 3000 mm L up to 2500 mm
Max weight of the sash (door / window)		320 kg



COR VISION PLUS

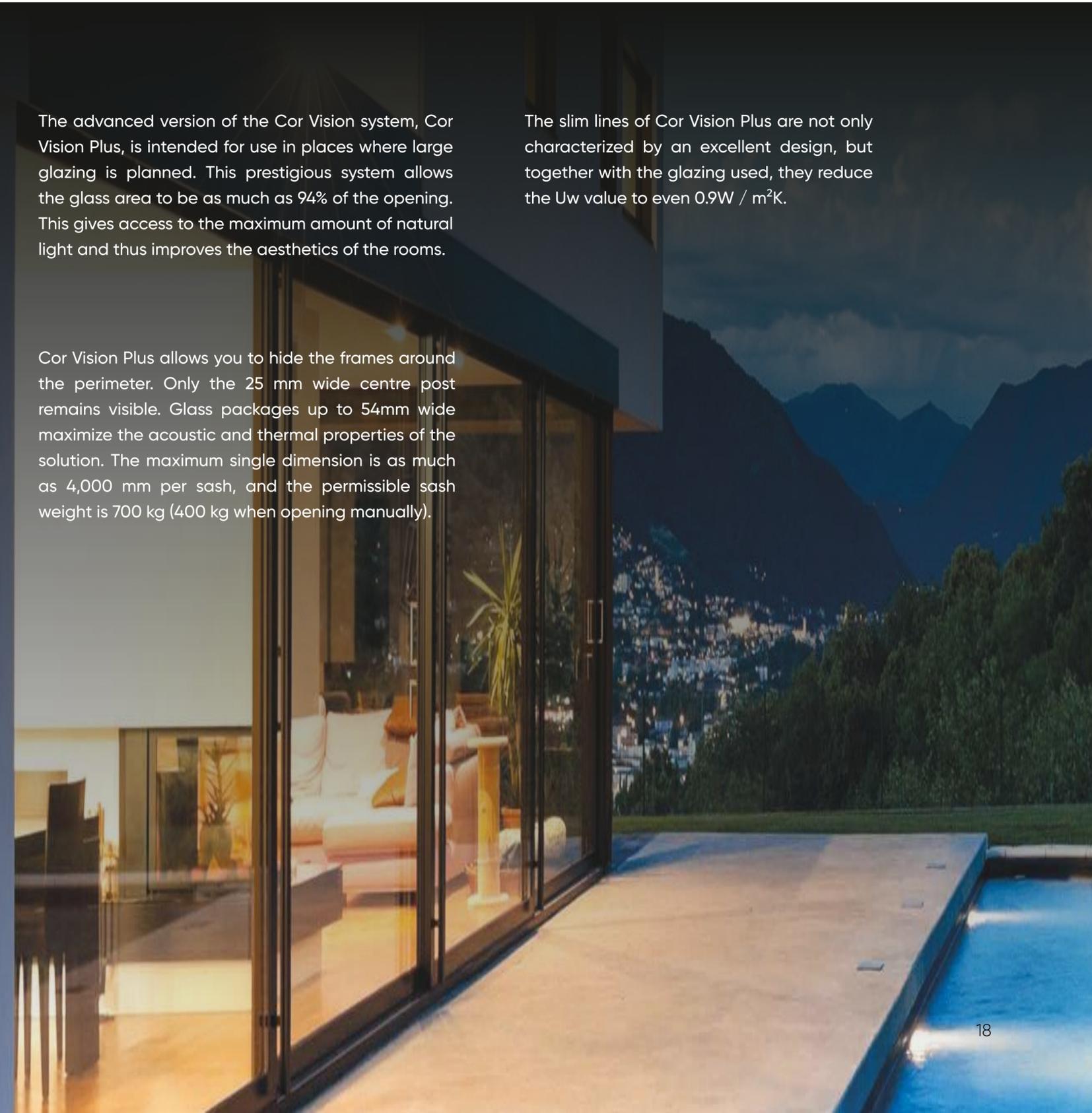
HST LIFT AND SLIDE DOOR SYSTEM



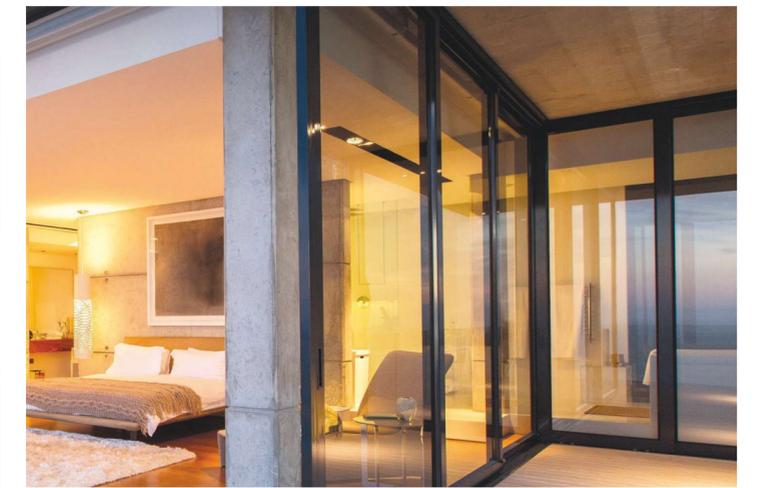
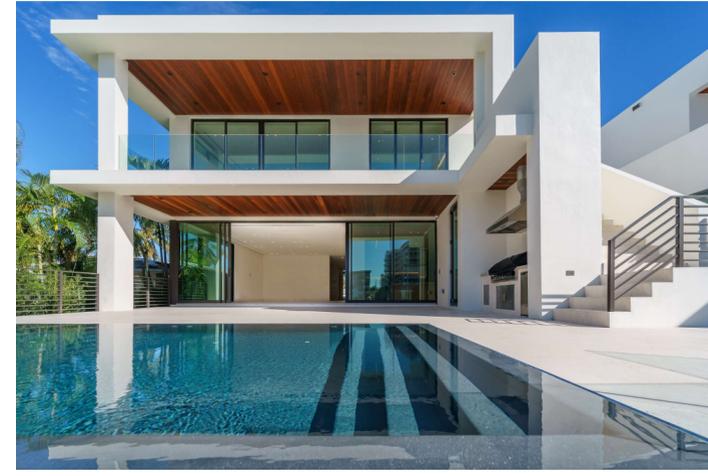
The advanced version of the Cor Vision system, Cor Vision Plus, is intended for use in places where large glazing is planned. This prestigious system allows the glass area to be as much as 94% of the opening. This gives access to the maximum amount of natural light and thus improves the aesthetics of the rooms.

The slim lines of Cor Vision Plus are not only characterized by an excellent design, but together with the glazing used, they reduce the U_w value to even $0.9W / m^2K$.

Cor Vision Plus allows you to hide the frames around the perimeter. Only the 25 mm wide centre post remains visible. Glass packages up to 54mm wide maximize the acoustic and thermal properties of the solution. The maximum single dimension is as much as 4,000 mm per sash, and the permissible sash weight is 700 kg (400 kg when opening manually).



TECHNICAL DATA		Cortizo Casement
Frame depth (window)	70 mm	
Leaf depth (window)	70 mm	
Glazing thickness	14 - 44 mm	
MIN. VISIBLE PROFILE WIDTH		
Frame (window)	15 mm	
Leaf (window)	50 mm	
MAX STRUCTURE DIMENSIONS AND WEIGHT		
Max. dimensions of tilt-and-turn window (Top Hung)	H to 1800 mm L to 1800 mm	
Max. weight of the leaf (window)	100 kg	





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