



LET'S BUILD A BETTER FUTURE

**PREMIUM SOLUTIONS**  
ALUMINIUM WINDOWS, DOORS AND SUN PROTECTION



Norman Foster

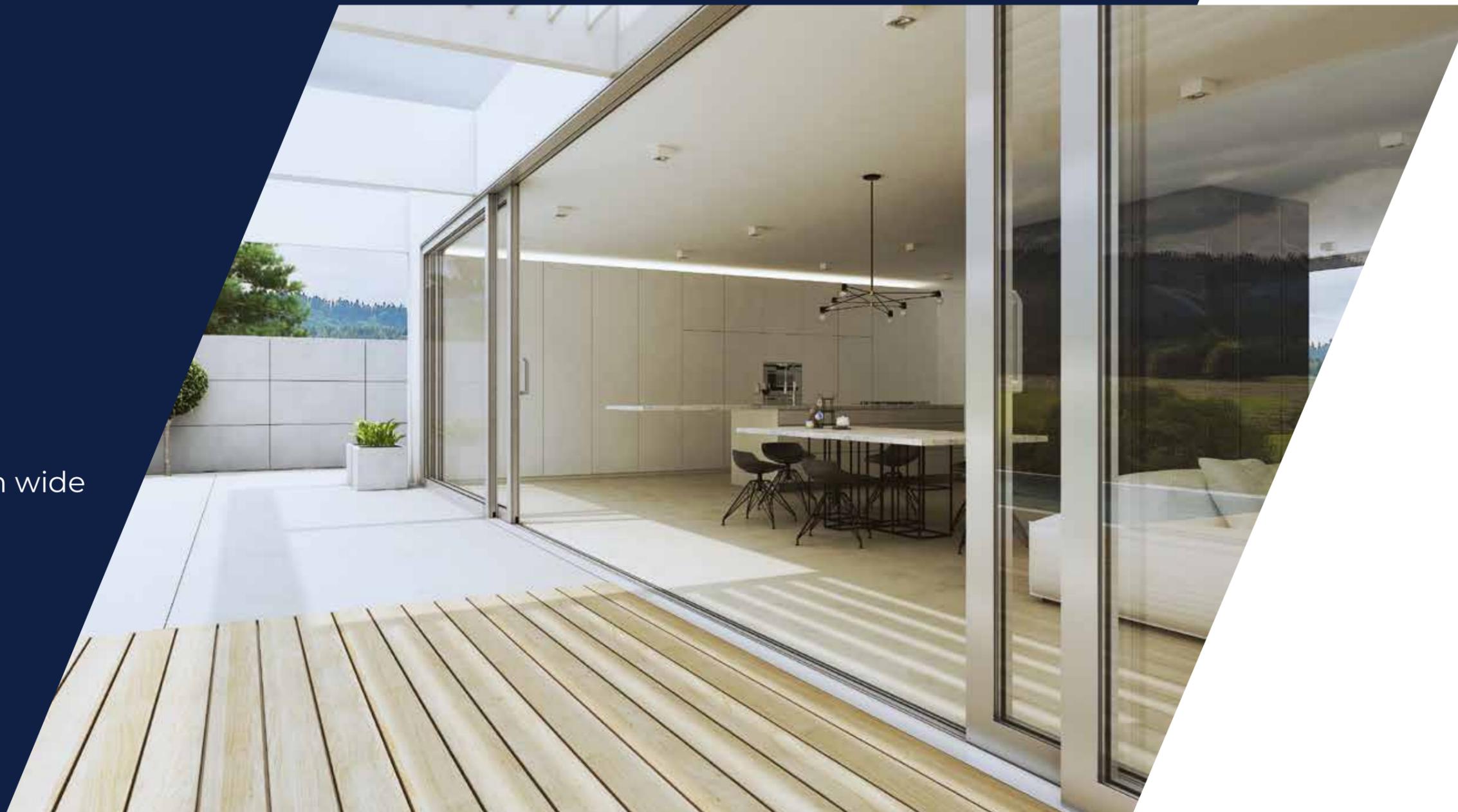
**As an architect, you design for the present,**  
with an awareness of the past, for a future  
which is essentially unknown.



**EUROPEAN  
QUALITY**

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**Sliding door**  
options up to 6 m wide



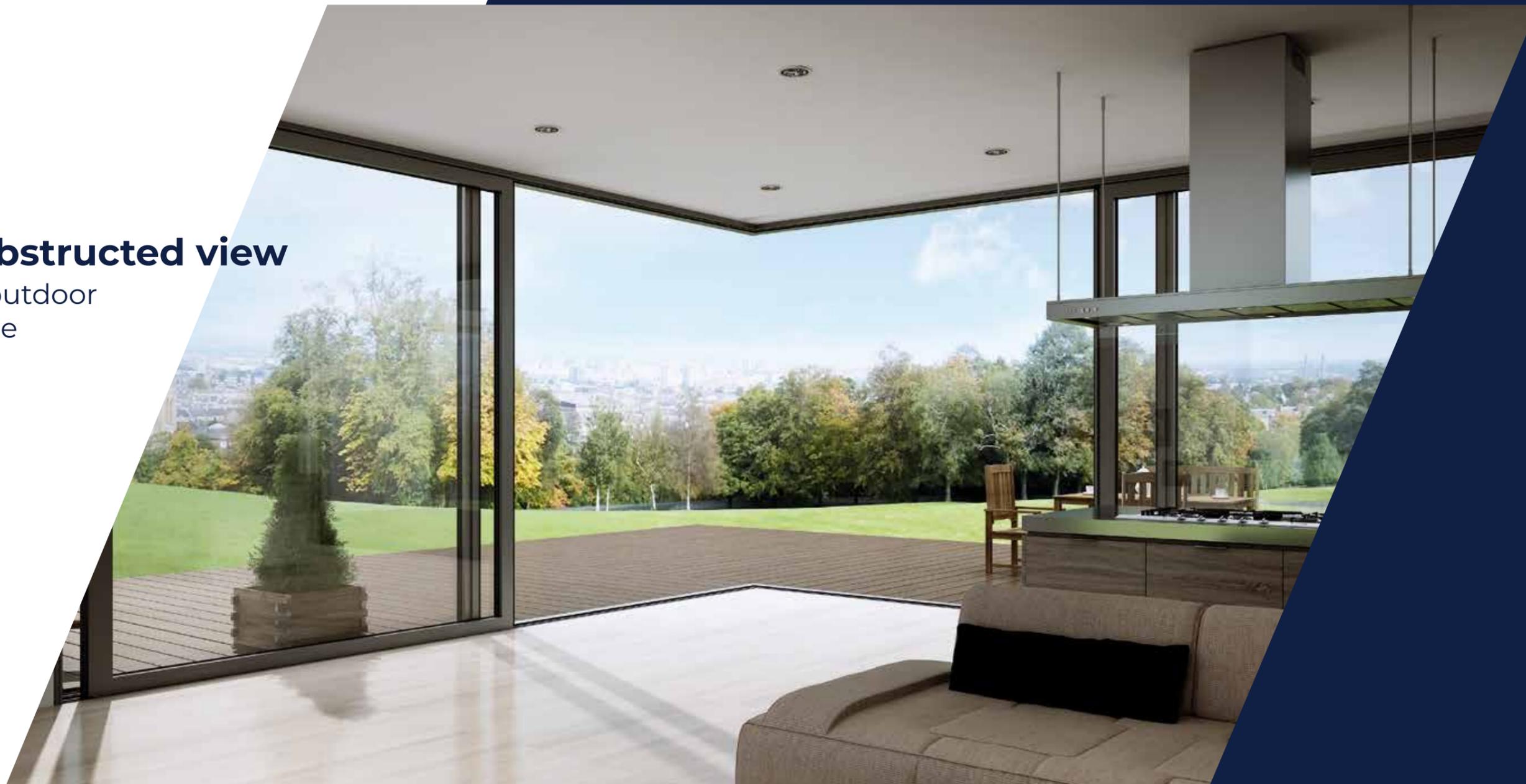
**Lift & Slide Door**  
**MB-77HS**

Glazed walls look extremely elegant, modern and give the interior its unique character while making it brighter and bigger. On the ground floor of the family house, it will allow to watch the garden change with the seasons. At higher floors, the occupants can enjoy panoramic views on the city or on the surrounding areas. It's a solution for the living room or bedroom that can also connect the home space with terrace or balcony.

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## An unobstructed view

into your outdoor  
living space



Lift & Slide Door / Corner System

 MB-77HS

Lift & slide door is the perfect integrating element that connects rooms or winter gardens with outdoor spaces. It provides a convenient exit to the balcony, terrace or garden. Another advantage of the **MB-77HS** system is that it makes the natural environment part of the daily experience and, when in open position, it does not take up space inside the room for even greater comfort of use.

With its first class performance, **MB-77HS** meets all the requirements for this family of products. The system allows to produce exclusive, largesized doors with double or triple glazing units, while the materials and the used technical solutions help to achieve a high degree of thermal and noise protection.

## An unobstructed view

into your outdoor  
living space



### Lift & Slide Door / Corner System

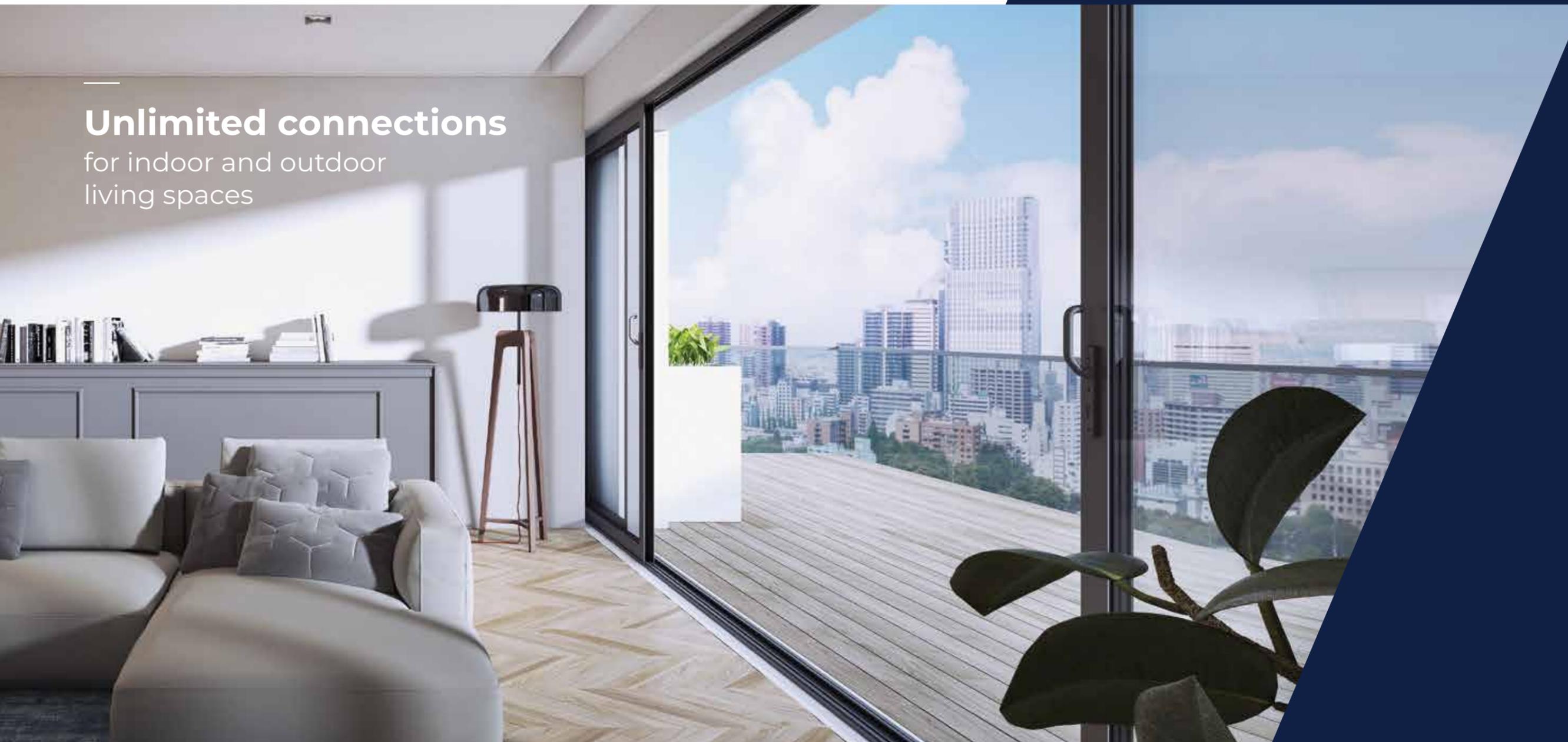
 MB-77HS

**MB-77HS HI** system allows to produce double or triple-rail constructions with a low-level threshold and exceptionally impressive, 90° and 270° corner constructions, to obtain a very large space once the door is open.

Thanks to their properties, **MB-77HS**-based doors are ideal for both family houses, comfortable apartments or hotels.

## Unlimited connections

for indoor and outdoor  
living spaces



Sliding Balcony Door

## MB-59 SLIDE GALANDAGE

**MB-59 SLIDE GALANDGE** is a balcony door system that slides straight into brick walls in such a way that after opening, the door leaf remains completely hidden. This is a particularly important feature of the system – doors installed that way fully connect indoor and outdoor living spaces.

—  
**Unlimited connections**

for indoor and outdoor  
living spaces



**Sliding Balcony Door**

 **MB-59 SLIDE GALANDAGE**

**MB-59 SLIDE GALANDAGE** system has slender and extremely resistant, 3-chambered profiles, to ensure thermal insulation, and allows to produce large, panoramic glazing. It also offers 2-or 3-rail solutions for doors with wide clear passage size.



## Step

– free comfort

### Panel Door Based On

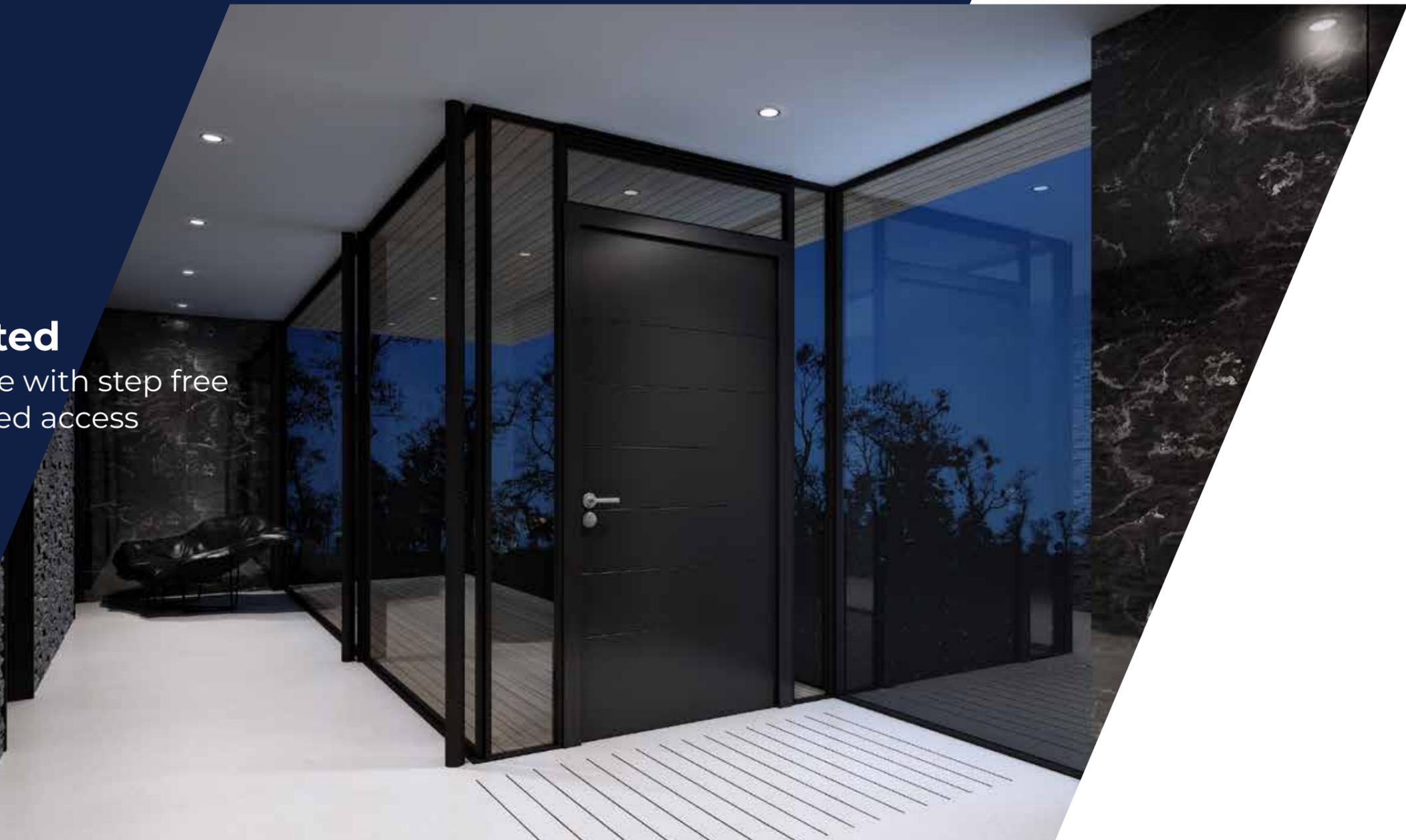
## MB-79N, MB-86N and MB-104 PASSIVE

First impressions are lasting and the entrance to a home should be no different. Aluprof's diverse range of doors allow buyers to match their home with their specific aesthetics, structure and thermal requirements.

An issue that requires careful consideration before buying a front entry door is the thermal performance. Aluprof offers its energy-efficient panel door system with heat transfer coefficient  $U_D$  at a level as low as  $0.44 \text{ W}/(\text{m}^2\text{K})$ . When choosing our door, there are other performance criteria to consider, such as the water resistance. It is the system's ability to resist or protect against unwanted water, particularly in adverse conditions (driving rains, windstorm). Aluprof offers a panel door system that is highly resistant to water (Class 7A).

## Intergated

living space with step free  
and disabled access



### Panel Door Based On

 MB-79N, MB-86N  
and MB-104 PASSIVE

Infill panels are used in door leaves that are based on **MB-79N, MB-86N & MB-104 PASSIVE** systems and come in a variety of colours and finishes, including woodgrain finish. Those elements can be milled, decorated or made with insulating glass units. Panel doors can be fabricated in large sizes – up to 1.40 m (W) and almost 2.60 m (H). All this makes for a perfect entry door.

—  
**Uninterrupted**  
skylines and vistas

**Frameless Sliding Door**

**MB-SKYLINE**

New build or existing homes can benefit from the **MB-SKYLINE** to flood living spaces with natural light and space. The system is threshold-free and ensures a seamless indoor/outdoor connection

The slim construction with narrow profiles is lightweight and delicate, giving the impression of an almost uniform glazing, delicately divided with lines, and perfectly fits into the luxury design.



## Natural

light living space,  
with slimline sliding doors

## Frameless Sliding Door MB-SKYLINE

**MB-SKYLINE**-based sliding door provides the user with a comfortable, threshold-free passage and ensures the connection of indoor and outdoor living spaces.

The leaves may be massive, but no great effort is required to slide them open and closed and the mechanism that operates them is almost soundless



—  
**The view**  
above all

**Concealed Sliding Door**



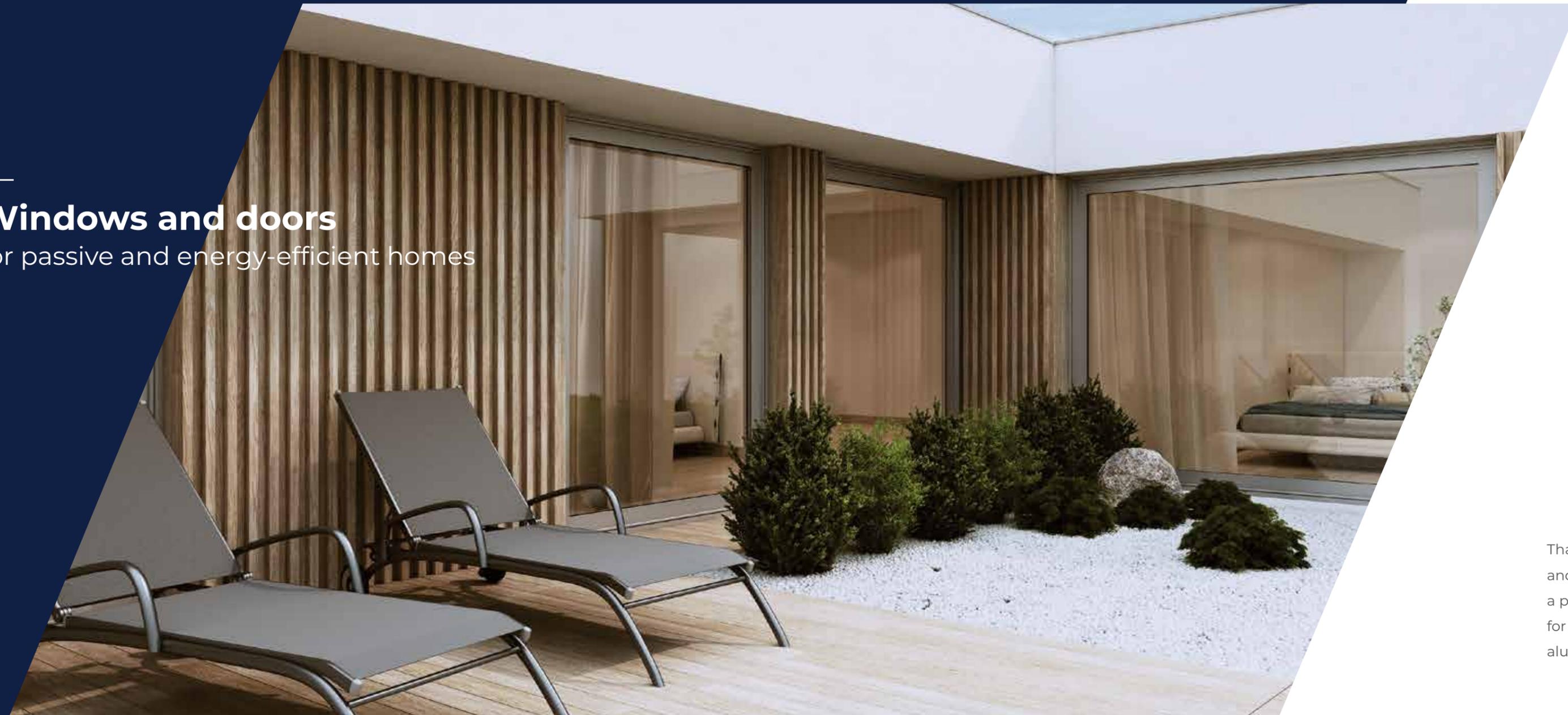
**MB-SKYLINE TYPE R**

The main features of the **MB-SKYLINE TYPE R** are the completely invisible profile of the door leaf, the slender mullion 25 mm and the shallow frame.

The maximum height for a structure based on the system is no less than four metres and, if the drive is fitted on the outside rather than being hidden, then the moving leaf can weigh as much as 1200 kilos.

## Windows and doors

for passive and energy-efficient homes



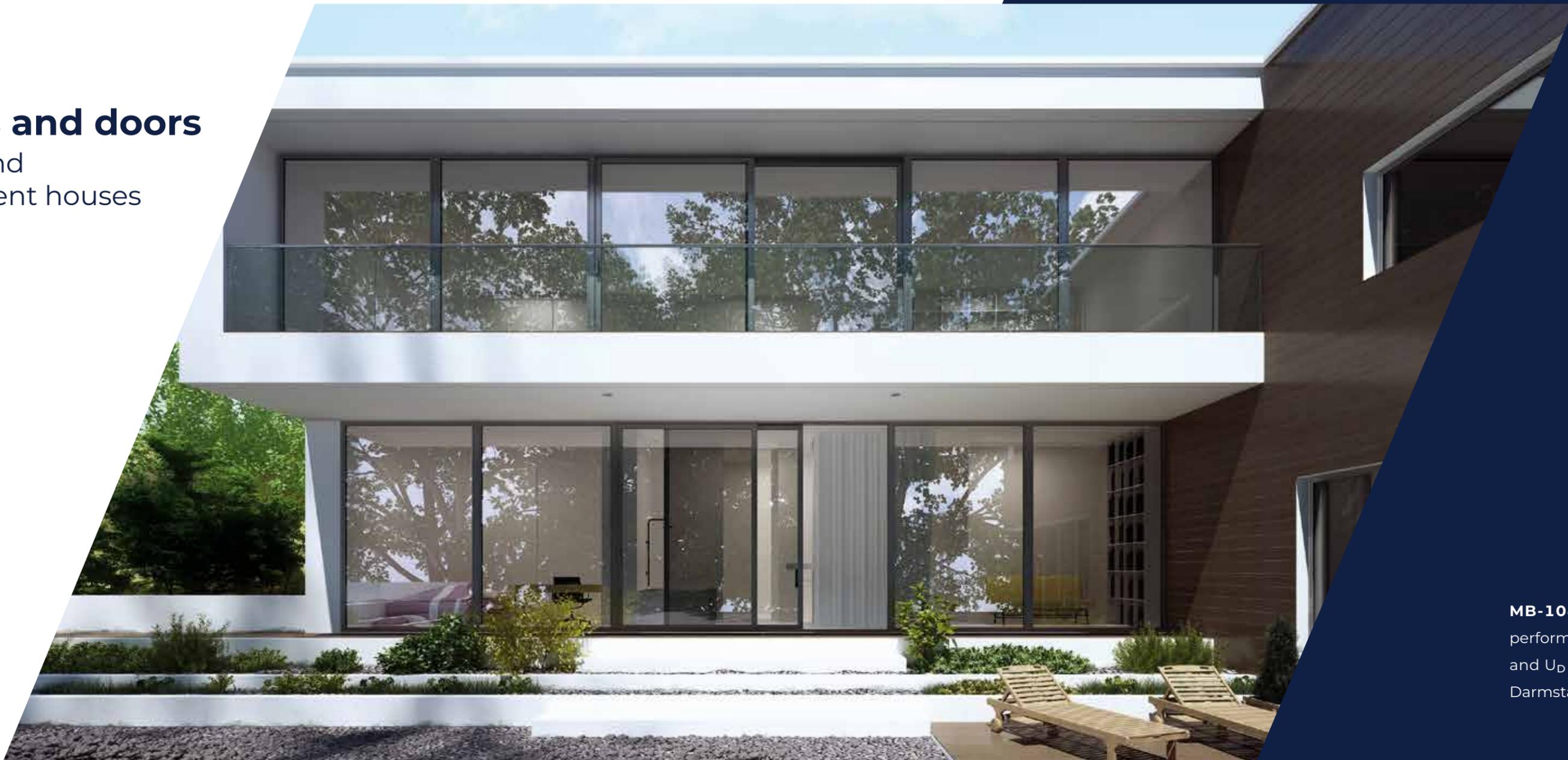
### Windows & Doors

## MB-104 PASSIVE

Thanks to innovative technologies, aluminium constructions allows to produce windows and doors that combine high thermal performance and large sizes. A good example of such a product is the **MB-104 PASSIVE** window & door system that meets all the requirements for window and door joinery in passive building. Due to its strong and relatively lightweight aluminium construction, the system is ideal for use in large panoramic glazing.

## Windows and doors

for passive and  
energy-efficient houses



Windows & Doors

 MB-104 PASSIVE

**MB-104 PASSIVE** exceeds current regulations in terms of tightness and thermal performance. Thermal performance for openable window achieves  $U_w$  from 0.53 W/(m<sup>2</sup>K) and  $U_D$  from 0.60 W/(m<sup>2</sup>K) for doors. The system is certified by Passive House Institute Darmstadt, and is recommended for use in passive and energy-efficient buildings.

—  
**Future proof**  
your home



**Windows & Doors**

 **MB-86N**

The highly performant **MB-86N** window & door system can be easily tailored to users' needs. Its profiles are designed in 3 variants depending on the requirements of thermal energy savings: ST, SI, SI+.



—  
**Invest in a superior**

bespoke solution that will  
add value to your home

**Windows & Doors**



**MB-86N SI**

The **MB-86N** is an aluminium window and door system to feature a material with outstanding thermal properties. This makes it possible to produce an energy-saving structure with a  $U_w$  coefficient starting at  $0.62 \text{ W}/(\text{m}^2\text{K})$ . Highly resistant profiles of the **MB-86N SI** Series allow to produce large size, heavy constructions while the wide range of profiles guarantees the desired aesthetics and resistance. Our wide range of glass options allows to use all common types of triple glazing, sound insulating or burglar-resistant units.

—  
**An innovative**  
window and door system  
reflecting cutting-edge standards



**Windows & Doors**

 **MB-79N SI**

The **MB-79N** window and door system was designed with the intention of meeting the increased thermal insulation. It is available in several thermal insulation variants, making it a simple matter to match the product to the demands of a given development. The warmest version is the **MB-79N SI**, which features one of the best parameters of its class, with a  $U_w$  starting at  $0.64 \text{ W}/(\text{m}^2\text{K})$ . The system can be used to create a wide range of structures, including fixed, turn, tilt, tilt-and-slide windows and exterior single and double doors.



—  
**Invite  
the beauty**  
of natural daylight  
into your home

**Folding Door**

 **MB-86 FOLD LINE HD**

**MB-86 FOLD LINE HD** folding door offers greater flexibility and virtually eliminates the barrier between the interior space and its surroundings. Such door can perfectly combine the interior space (home, café, restaurant) with the terrace or the outside area that is used seasonally.

## Aluprof's

fold line series, allows homeowners the flexibility of inclusive living spaces



## Folding Door

# MB-86 FOLD LINE HD

With its excellent technical features, **MB-86 FOLD LINE HD** Series is a solution that is very convenient in everyday use and allows to produce large size constructions. The bifold doors can open outwards or inwards and the panels can be freely configured. It is available as a corner or panoramic structure and can be assembled with up to eight panels. This state-of-the-art product is designed to meet the exhaustive demands of users, architects and developers alike.

**Aesthetically**

appealing and extremely light



**External Barrier**



**MB-GLASS BARRIER**

**MB-GLASS BARRIER** Series external barriers are used in French windows (large glazed doors, typically opening on to a garden or balcony) to prevent from falling. In such windows, glass barriers are also an additional partition that reduces noise coming from the outside. When attached to aluminium windows, they can perfectly fit their colour. Also, they can be attached to PVC or wooden windows.

# Burglary-resistance

in classes RC1 to RC4



Windows, Doors, Curtain walls and Roller shutters

## SECURITY SYSTEMS

Burglar-resistant window & door constructions are based on standard system solutions: **MB-79N**, **MB-86N** & **MB-104 PASSIVE** that use resistance-enhancing elements – anti-burglary glass, elements and hardware intended for such applications. These solutions are classified burglary-resistant (classes **RC1** to **RC3**). Specialised solutions classified **RC3i** and **RC4** are also available.

## Burglary-resistance

in classes RC1 to RC4



Windows, Doors, Curtain walls and Roller shutters

## SECURITY SYSTEMS

Burglar-resistant constructions can also be produced using **MB-77HS** lift & slide patio door and **MB-SR50N** & **MB-TT50** mullion/transom curtain walls. These products are complemented by ALUPROF's burglar-resistant systems for roller shutters. These solutions help to provide an increased level of protection wherever it is required: in single-family houses, offices or special-purpose facilities

—  
**Traditional**  
processes reinvented



**Slim Profile Window**



**MB-SLIMLINE**

With its very small-in-width aluminium profiles visible from the outside of the construction, **MB-SLIMLINE** windows allow to produce lights in two variants—with visible or invisible profiles (SG) from the outside of the envelope. When invisible lights are used, the appearance of openable and fixed units is almost identical which makes the entire construction look refined in every detail.

Due to the structure of external profiles, this system can also greatly substitute old-style windows, made of steel profiles and maintain a similar appearance from the outside of the envelope while significantly increasing thermal performance of the partition.

—  
**Traditional**  
processes reinvented



**Slim Profile Window**

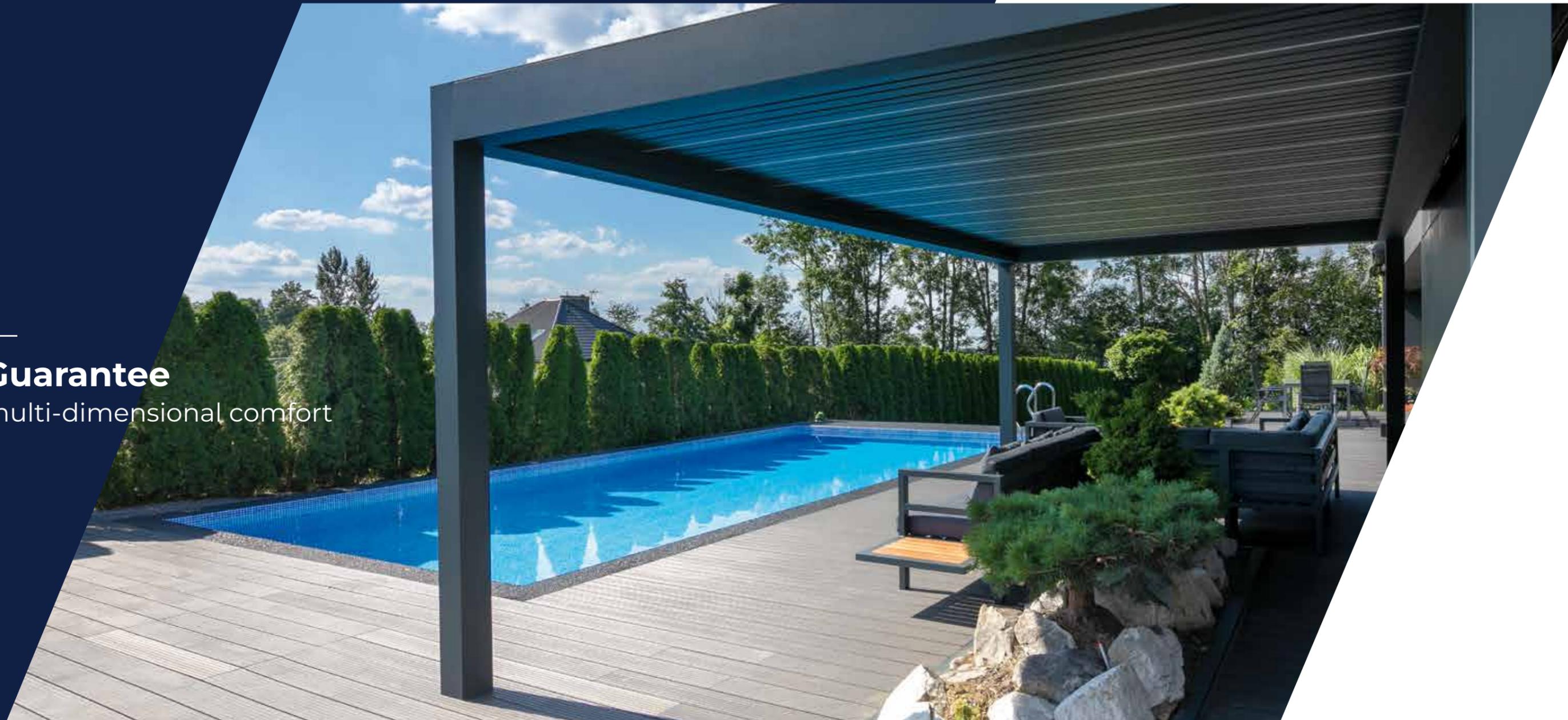
 **MB-FERROLINE**

**MB-FERROLINE** window with thermal break is perfectly suitable for renovation of historic buildings and helps to preserve the appropriate appearance of windows that can imitate traditional steel windows, while ensuring very good technical performance of the construction. Available are different styles of open-in and open-out windows and fixed windows which are highly resistant and very performant in terms of water and air tightness, thermal and sound insulation.

Building on proven solutions and offering a whole range of appropriately shaped, new profiles, **MB-FERROLINE** allows to produce constructions that fit the appearance of the building.

## Guarantee

multi-dimensional comfort



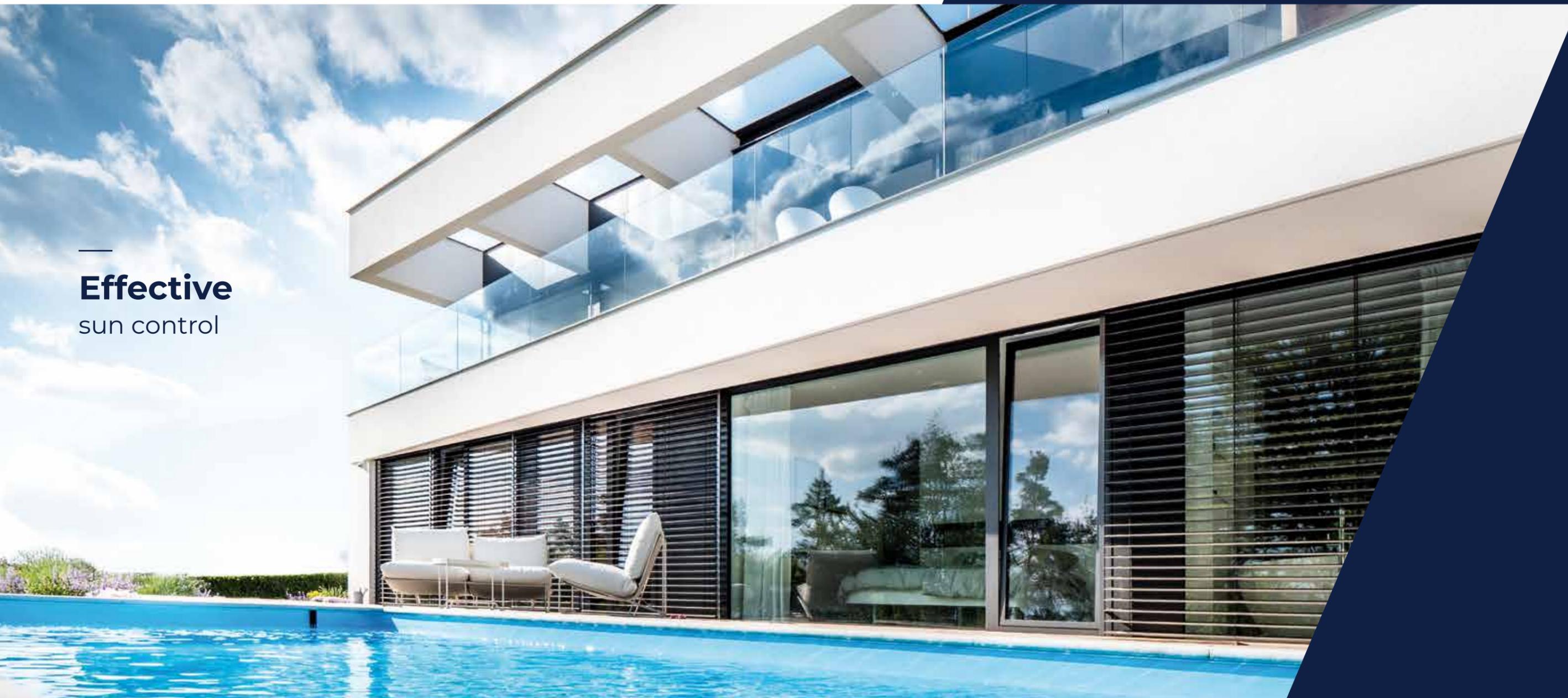
## Pergola

### MB-OPENSKY 120 and MB-OPENSKY 140

The pergola is a very versatile solution for covering large areas. It is certainly a stylish addition, perfectly matching the trends of modern construction.

The product will prove useful not only in the case of single-family houses as part of terrace or garden development, but also in commercial buildings, being a modern and practical element of roofing summer gardens in cafés or restaurants. Thanks to the possibility of using side screens or sliding glass panels, the pergola may be used regardless of the prevailing weather conditions.

—  
**Effective**  
sun control



**External roller blinds**

 **SKYFLOW**

Fitting façades with external venetian blinds is a highly practical way of blocking out the sun and effectively protecting interiors from overheating while providing comfortable optical conditions. Regulatable slats are typical feature of these products, giving users the freedom to select the angle and degree of shading which works best for them. At the same time, the aesthetic profile of the slats and the aluminium structural elements in the form of the headbox and guides, give façades a contemporary, original look.

## Elegant protection

from intensive exposure to the sun



### External roller blinds

 SKYROLL

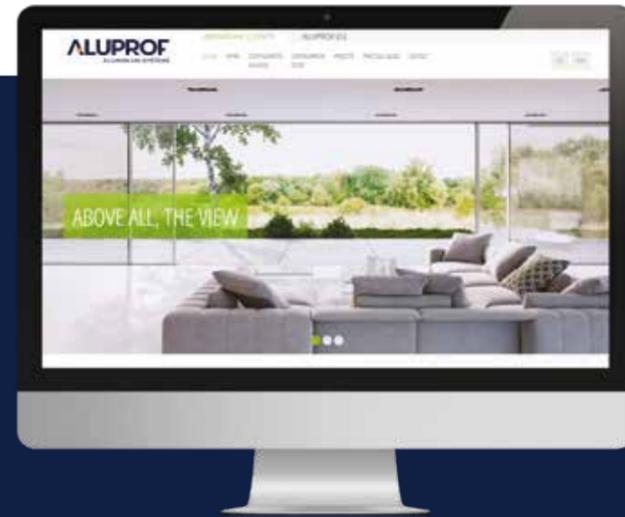
External roller blinds are a highly functional solution which is frequently used for public and residential buildings alike. The main advantage of these blinds is the protection they provide interiors against exposure to the sun thanks to the specialist, technical fabrics. They also provide privacy by stopping people outside from seeing in, while giving users an excellent view out.

In addition, they offer optical comfort by acting as an effective barrier to exterior light and minimising the screen glare it can trigger. The Aluprof range offers three systems, the SkyRoll Zip, the SkyRoll Classic and the SkyRoll Eco.

# ALUPROF

## HOME.aluprof.com

Please visit our site [home.aluprof.com](http://home.aluprof.com) to learn more on energy-efficient aluminium systems for the construction industry.



## WOODGRAIN & CONCRETE EFFECT COATINGS



## COLOURS: RAL & STRUCTURED\*



\* All RAL colours and structured colours as per offer. The colours may vary slightly from the finished product.



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# ALUPROF

ALUMINIUM SYSTEMS

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