



LET'S BUILD A BETTER FUTURE

**ALUMINIUM** CHANGES EVERYTHING



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

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*Norman Foster*



MB-77HS Lift & Slide Door	5
MB-77HS Lift & Slide Door/Corner System	7
MB-59 SLIDE GALANDAGE Sliding Balcony Door	11
Panel Door Based On MB-86 and MB-104 PASSIVE	15
MB-SKYLINE Frameless Sliding Door	19
MB-104 PASSIVE Doors & Windows For Passive Houses	25
MB-86 AERO Doors & Windows For Energy-Efficient Houses	29
The MB 79N SI window systems for energy-efficient houses	33
MB-86 FOLD LINE Folding Door	35
MB-GLASS BARRIER External Barrier	39
Security systems: WINDOWS, DOORS, CURTAIN WALLS, ROLLER SHUTTERS	41
MB-SLIMLINE Slim Profile Window	45
MB-FERROLINE Slim Profile Window	47
SkyFlow. External Venetian Blinds	49
Woodgrain, Concrete-Like, RAL & Structured Finishes	51



Sliding door options  
up to 6 m wide

A photograph of a modern living room featuring a large glass wall that offers a view of a green landscape. In the foreground, there is a white, modular sofa on a light-colored wooden floor. The ceiling has recessed lighting. A dark blue semi-transparent box is overlaid on the right side of the image, containing text.

## MB-77HS Lift & Slide Door

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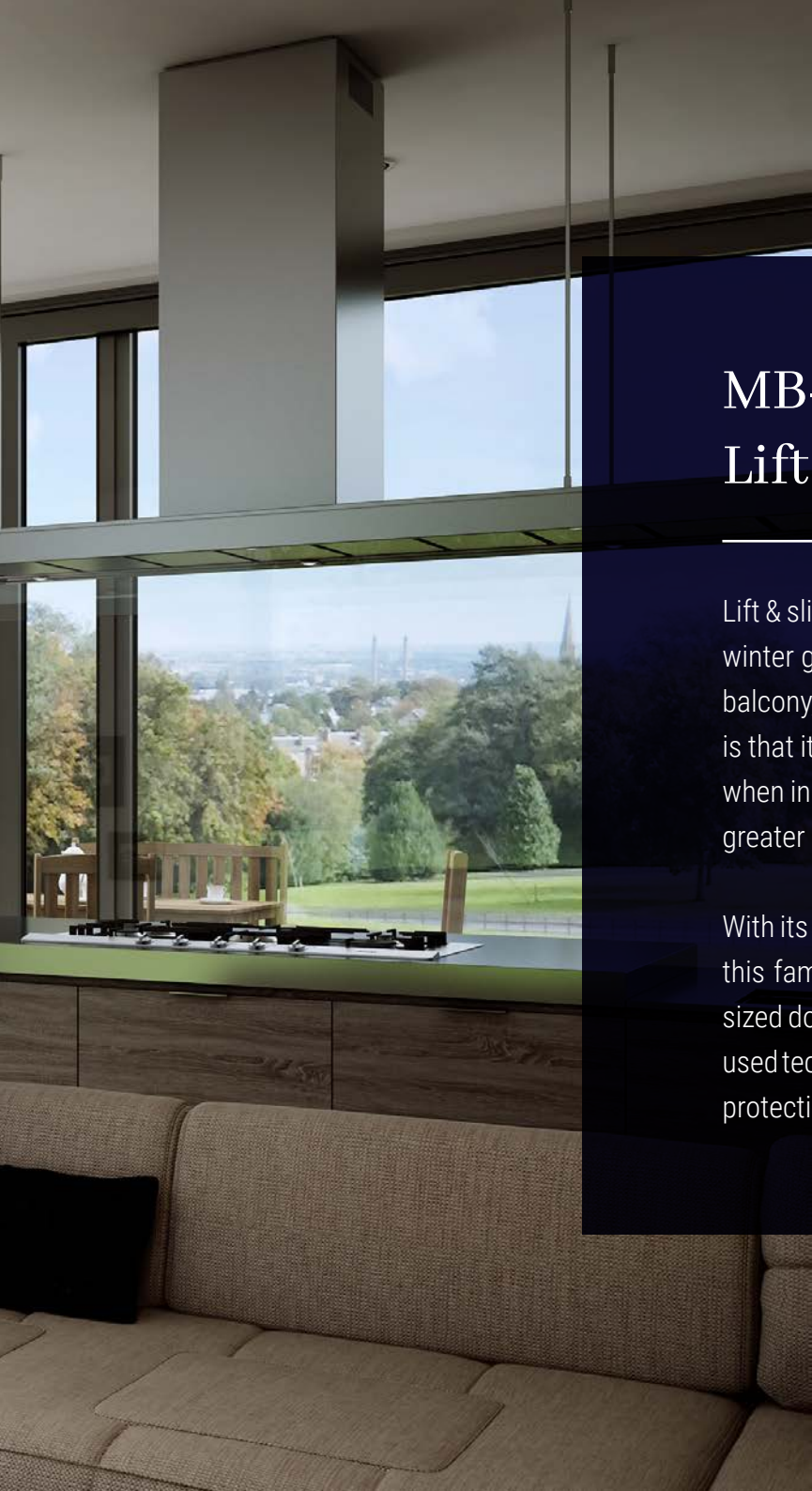
Glazed walls look extremely elegant, modern and give the interior its unique character while making it brighter and bigger. On the ground floor of the family house, it will allow to watch the garden change with the seasons. At higher floors, the occupants can enjoy panoramic views on the city or on the 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

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## MB-77HS Lift & Slide Door/Corner System

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, large-sized 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.



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An unobstructed view  
into your outdoor living space

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## MB-77HS Lift & Slide Door/Corner System

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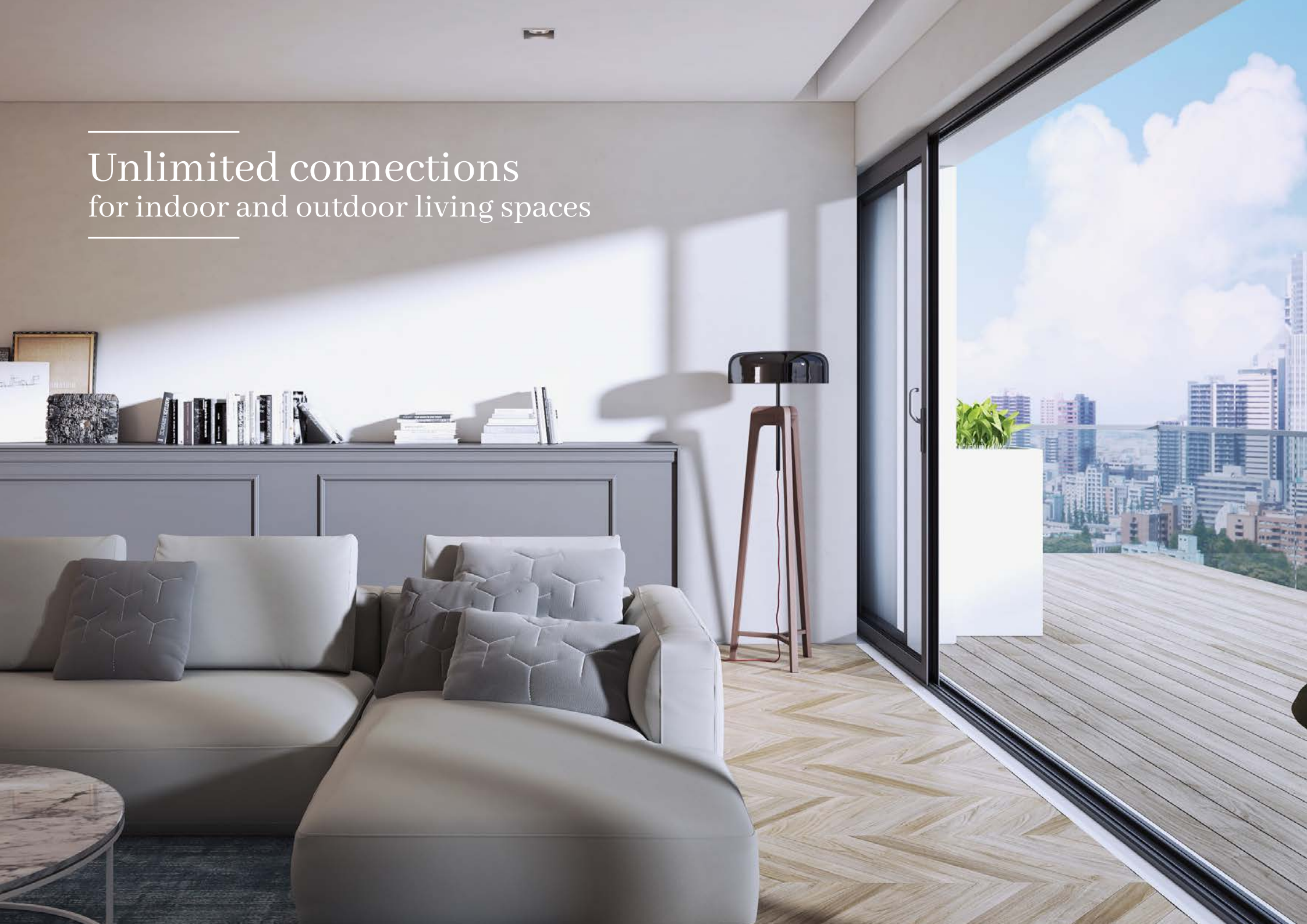
**MB-77HS HI** system allows to produce double or triple-rail constructions with a low-level threshold and exceptionally impressive, 90° and 270° corner constructions, to obtain a very large space once the door is open.

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

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Unlimited connections  
for indoor and outdoor living spaces

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## MB-59 SLIDE GALANDAGE Sliding Balcony Door

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**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.

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Unlimited connections  
for indoor and outdoor living spaces

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## MB-59 SLIDE GALANDAGE Sliding Balcony Door

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**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.

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Step - free comfort

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## Panel Door Based On MB-86 and MB-104 PASSIVE

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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).



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Intergated living space  
with step free and disabled access

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## Panel Door Based On MB-86 and MB-104 PASSIVE

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Infill panels are used in door leaves that are based on **MB-86 & 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.

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Uninterrupted skylines and vistas

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## MB-SKYLINE Frameless Sliding Door

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

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Seamless indoor to outdoor connections

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## MB-SKYLINE

# Frameless Sliding Door

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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





## MB-SKYLINE Frameless Sliding Door

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

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Windows and doors for passive  
and energy-efficient homes

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## MB-104

# Passive Windows & Doors

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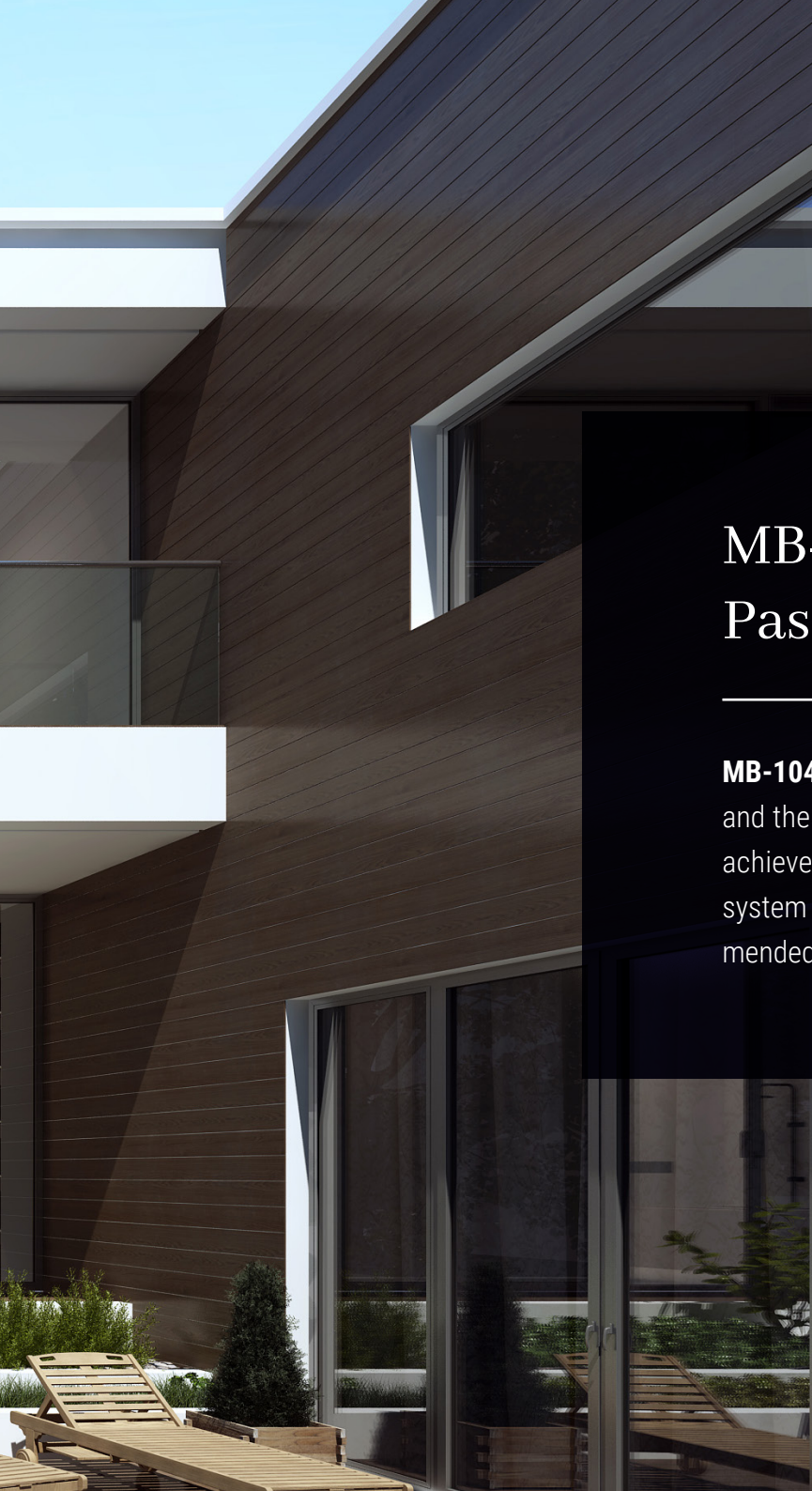
Thanks to innovative technologies, aluminium constructions allows to produce windows and doors that combine high thermal performance and large sizes. A good example of such a product is the **MB-104 PAS-SIVE** window & door system that meets all the requirements for window and door joinery in passive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

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# Windows and doors for passive and energy-efficient houses

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## MB-104

# Passive Windows & Doors

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**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.

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Future proof  
your home

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## MB-86 AERO Windows & Doors

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The highly performant **MB-86 AERO** 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 and AERO.



Invest in a superior  
bespoke solution that  
will add value to your home



## MB-86 AERO Windows & Doors

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**MB-86 AERO** is the world's first aluminium window & door system to use aerogel – a highly thermally-insulated material. Highly resistant profiles of the **MB-86 AERO** 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.



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An innovative window  
reflecting cutting-edge standards

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## The MB-79N SI

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The ALUPROF **MB-79N** window was designed with the intention of meeting the increased thermal insulation parameters set out in the 2012 Technical Requirements. It is available in three 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 W/(m<sup>2</sup>K). The system can be used to create a wide range of structures, including fixed, turn, tilt and tilt-and-slide windows.



Invite the beauty of natural  
daylight into your home



## MB-86 FOLD LINE Folding Door

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**MB-86 FOLDLINE** 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.

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

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## MB-86 FOLD LINE Folding Door

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With its excellent technical features, **MB-86 FOLD LINE** Series is a solution that is very convenient in everyday use and allows to produce large size constructions. Folding door can be open both outwards and inwards and its leaves can be freely configured. It's a modern product, designed to meet the high demands of users, architects and owners.

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Aesthetically appealing  
and extremely light

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## MB-GLASS BARRIER

### External Barrier

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**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.

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# Burglary-resistance

in classes RC1 to RC4

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## Security systems: WINDOWS, DOORS, CURTAIN WALLS, ROLLER SHUTTERS

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Burglar-resistant window & door constructions are based on standard system solutions: **MB-60, MB-70, MB-86, 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.

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# Burglary-resistance

in classes RC1 to RC4

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A modern, two-story house with white walls and large windows. The house features a balcony with a glass railing and a wooden slat wall. The background shows a clear blue sky and some greenery.

## Security systems: WINDOWS, DOORS, CURTAIN WALLS, ROLLER SHUTTERS

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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.

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Traditional processes  
reinvented

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## MB-SLIMLINE Slim Profile Window

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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.



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Traditional processes  
reinvented

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## MB-FERROLINE Slim Profile Window

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**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.

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Effective  
sun control

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## SkyFlow. External Venetian Blinds

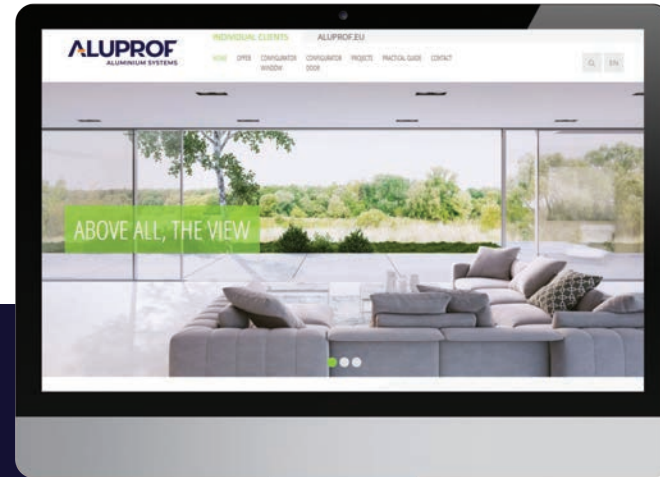
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Fitting façades with external venetian blinds is a highly practical way of blocking out the sun and effectively protecting interiors from overheating while providing comfortable optical conditions. Regulatable slats are typical feature of these products, 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.

# ALUPROF

[www.home.aluprof.eu](http://www.home.aluprof.eu)

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



# Woodgrain & Concrete Effect Coatings



# RAL & Structured Colours\*



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



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and download the PDF  
onto your mobile device

# ALUPROF

ALUMINIUM SYSTEMS

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