



ALUMINIUM CHANGES EVERYTHING






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

*Norman Foster*

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Large size of the construction  
more than 6 m wide

## MB-77HS Lift & Slide Door

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 single-family house, it will allow us 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. If you use this solution for your living room or your bedroom, you may also want to have a door that will connect your home space with terrace or balcony. In any case, the lift & slide door system **MB-77HS HI** is the right solution for you.





An unobstructed  
view into your outdoor  
living space

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

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 your 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.





An unobstructed view  
into your outdoor living space

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

**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 single-family houses, comfortable apartments or hotels.



Unlimited connection  
of indoor and outdoor living spaces

## MB-59 SLIDE GALANDAGE Sliding Balcony Door

**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 connection  
for indoor and outdoor living spaces

## MB-59 SLIDE GALANDAGE Sliding Balcony Door

**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 to produce doors with wide clear passage size.





Comfort is just a step away

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

Front entry doors, aren't they one of the most important parts of our home? They protect us from the cold, the rain or unlawful entry, to name a few reasons. Doors also help to keep the noise from outside down to an acceptable level.

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 penetration, particularly in adverse conditions (driving rains, windstorm). Aluprof offers a panel door system that is highly resistant to water penetration (Class 7A).





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

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). If, therefore, we dream of an impressive front entry, this will be the perfect choice.

Comfort is just a step away





The view above all

## MB-SKYLINE Frameless Sliding Door

Constructions based on **MB-SKYLINE** system give the building a one-of-a-kind design and raise the profile of the entire project.



The view above all

## MB-SKYLINE Frameless Sliding Door

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.





The view above all

## MB-SKYLINE Frameless Sliding Door

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



A wide-angle photograph of a modern courtyard. The courtyard is enclosed by a building with large glass windows and doors. The ground is paved with light-colored tiles. In the foreground, there are two lounge chairs. In the center, there is a small garden with white gravel, several small green shrubs, and a large grey rock. The sky is blue with some clouds.

## Windows and doors for passive and energy-efficient houses

### MB-104 Passive Windows & Doors

Thanks to innovative technologies, aluminium constructions allow you 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

### MB-104 Passive Windows & Doors

**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.





Keep your home  
warm for years

## MB-86 AERO Windows & Doors

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.





Keep your home  
warm for years

## MB-86 AERO Windows & Doors

**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 you 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 you to use all common types of triple glazing, sound insulating or burglar-resistant units.





Make the natural environment  
part of your daily experience

## MB-86 FOLD LINE Folding Door

**MB-86 FOLDLINE** folding door offers greater flexibility to its users. You can now use weather conditions to your advantage and virtually eliminate 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.





Make the natural environment  
part of your daily experience

## MB-86 FOLD LINE Folding Door

With its excellent technical features, **MB-86 FOLD LINE** Series is a solution that is very convenient in everyday use and allow you 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.



The image shows a close-up of a modern building's exterior. It features several large, dark-framed windows. In front of these windows, there are glass barriers (balustrades) with thin metal handrails. The glass reflects the surrounding urban environment, including other buildings and a clear sky. The overall aesthetic is clean and contemporary.

Highly appealing  
and extremely light

## MB-GLASS BARRIER External 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.



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## Perfect 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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Perfect 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 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 appearance.  
Reinvented.

## MB-SLIMLINE Slim Profile Window

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 design.  
Reinvented.

## MB-FERROLINE Slim Profile Window

**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.





[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 Coatings

Golden Oak ADEC D101	Rustic Oak ADEC D210	Swamp Oak ADEC D502	Ebony ADEC M102	Walnut ADEC O102	Walnut Vein ADEC O205	Mahogany ADEC M103	Sapele Mahogany ADEC M204	Pine ADEC S106	Pine ADEC S110
Fir ADEC J107	Fir ADEC S208	Beech ADEC B108	Cherry ADEC W109	Wenge ADEC W205	Winchester ADEC D207	Gean ADEC C110	Gean ADEC C212	Dark Cherry ADEC C106	Chestnut ADEC K101

## 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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