

ALUMINIUM

SeiCom aluminium systems allow you to fabricate many different types of windows, doors, internal partition walls and facade solutions. These can depend on the scope and specific requirements for functionality, aesthetics, thermal insulation, burglary resistance, smoke control or fire resistance. These include both structures with no thermal insulation and solutions based on thermally insulated profiles.

WINDOWS AND DOORS

European type



Scandinavian type



Top swing



Terrace



Balcony



Front



SLIDING AND FOLDING DOORS

Lift & Slide (HST)



Folding



FACADES

Facade systems



ALUMINIUM WINDOWS AND DOORS



MB-86

Construction depth
77 mm
Low treshold,
wheelchair accessible

U-value from
0.72
W(m²K)

The new MB-86 window and door series have been designed to offer outstanding insulation properties. It meets the increasing requirements from the legislative and general market demands for the enhanced energy saving construction of new windows and doors.



MB-104

Construction depth
95 mm
Low treshold,
wheelchair accessible

U-value from
0.53
W(m²K)

The MB-104 Passive is a thermal break-equipped window & door system that provides the highest thermal insulation performance and meets all the requirements for passive building components.

PASSIVE HOUSE



Panel doors

Construction depth
77/95 mm
Low treshold,
wheelchair accessible

U-value from
0.63
W(m²K)

Our range includes panel doors based on the MB-86 system. This is a visually attractive and at the same time technologically advanced product. Due to its design solutions and the rich diversity of colors for door fill, it can be, not only the functional and durable entrance into your home, but also its mark and decoration.

PASSIVE HOUSE



MB-45

Construction depth
45 mm

MB-45 is a modern aluminium system intended for designing elements of architectural exterior and interior enclosures that do not require thermal insulation, e.g. various types of partition walls, windows, manual and automatic sliding doors, swing doors, vestibules, display windows, ticket box offices, showcases and spatial structures.



ALUMINIUM FIRE RATED WINDOWS AND DOORS



MB-86EI

Construction depth
86 mm
Low treshold,
wheelchair accessible

Fire rated
EI 30

U-value from
0.86
W(m²K)

MB-86EI is used for fabrication of EI30 fire-rated openable windows to EN 13501- 2+A1. MB-86EI is based on MB-86 system and has excellent thermal, sound reduction, water retardant and air leakage performances. The MB-86EI combines the advantages of a classic window system with the properties of a fire partition walling – the construction meets all the requirements of the applicable regulations and standards, especially regarding energy saving and environmental protection, while ensuring proper fire safety. The system is classified as non-fire spreading (NRO)

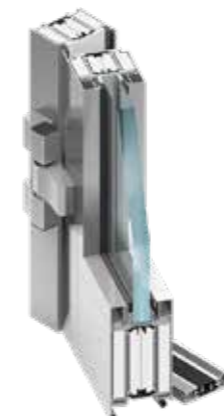


MB-60E EI

Construction depth
60 mm
Low treshold,
wheelchair accessible

Fire rated
EI 15 and EI 30

MB-60E EI enables the fabrication of fire-resisting internal or exterior, single or double leaf doors. It also enables the fabrication of “technical windows” and fire retardant partitions. MB-60E EI-based constructions are classified EI15 or EI30 to PN-EN 13501-2+A1:2010. The system is classified as non-fire spreading (NRO).



MB-78EI

Construction depth
78 mm
Low treshold,
wheelchair accessible

Fire rated
EI 15 – EI 90

The MB-78EI fire partition system is intended for producing internal or external fire partition walls with single- or double-leaf doors with a fire retardant class of EI 15, EI 30, EI 45 or EI 60, according to the PN-EN 13501-2+A1:2010 norm. To a great extent, it is compatible with the standard window/door systems of ALUPROF S.A.: MB-45, MB-60 and MB-70 (they have common sections, details, hardware, treatment processes, etc).



ALUMINIUM SLIDING AND FOLDING DOORS



MB-77HS sliding door system

Construction depth
174 mm
Low treshold,
wheelchair accessible

U-value from
0.84
W(m²K)

The MB-77HS "Lift & Slide" door product is an ideal solution for connecting interior space rooms or conservatories with the outside balcony, terrace or garden area.



MB-86 FOLD folding door system

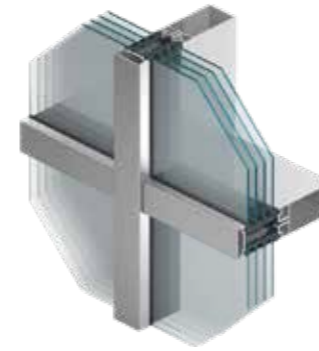
Construction depth
86 mm
Low treshold,
wheelchair accessible

U-value from
1.5
W(m²K)

Exterior folding doors offer greater flexibility to their users. They enable us to use weather conditions to our advantage and virtually eliminate the barrier between the interior space and its surroundings. With its excellent technical parameters, MB-86 FOLD LINE is a very convenient solution that enables the fabrication of large-dimension structures. Folding doors can be opened both outwards and inwards and its leaves can be freely configured. It is a modern product, designed to meet the high demands of users, architects and owners.

ALUMINIUM FACADE SYSTEMS

Our facade systems are used to fabricate glass facades of buildings such as banks, hotels, administration offices, office buildings, car showrooms, gyms, etc. They are also used for multiple spatial structures and roof glazing that light the interior and create a suitable atmosphere and comfort to its users. They are an excellent tool for shaping contemporary architecture and implementing designers' bold visions. The most popular among these products are the mullion-transom systems.



MB-TT50

PASSIVE HOUSE

U-value
from (frame)
0.59
W(m²K)

The new, modern MB-TT50 curtain wall system goes a step ahead in functionality and effectiveness compared to classic crossbar facades. It offers exceptional insulation and weather performance achieved by special 3 zone cascade drainage and ventilation of the glazing rebates. Its innovative construction enables to considerably reduce the time required to manufacture and construct the complete curtain wall. It is designed to serve as the base system for security anti burglary and fire rated varieties.

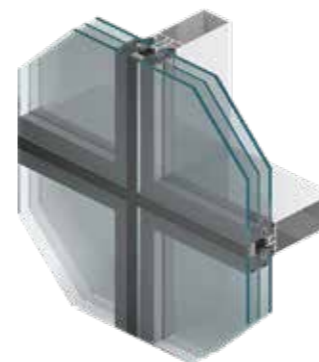


MB-SR50N HI+

PASSIVE HOUSE

U-value
from (frame)
0.7
W(m²K)

This system allows facades to be constructed with visible narrow dividing lines while ensuring the durability and strength of the structure. The wide offer of profiles enables architects and designers to realise even the most enterprising ideas for aluminium and glass structures. To obtain the optimum thermal and acoustic insulation and facilitate mounting in the MB-SR50N HI+ system facade, the PE insulator is used, as it provides a very good thermal insulation ((Uf) from 0,59 W/m2K) and its shape ensures proper screw driving when glazing the facade.



MB-SR50N Efekt

U-value
from (frame)
1.1
W(m²K)

MB-SR50N EFEKT is a facade solution that provides a uniform external appearance of a smooth glass wall divided by the structure of vertical and horizontal lines of 2 cm, thanks to the use of a special system for fixing panes to mullions and transoms. The gaps between glass fields of the facade are filled with a special silicon binder to ensure high tightness of the construction and enhance its insulation properties.