

WINDOWS



ALUMINIUM STRUCTURES
CATALOGUE

We have been operating in PVC and aluminium windows sector since 2000. Since then, we have extended our team but also, owing to effective policy and investments in technology, we have dynamically grown our business. In response to the changing market needs, we have added new business areas that meet our customers' expectations.

+48 14 611 85 56 /oknaplastbud



INDOOR window-and-door systems

MB-45 4

ECONOLINE6

OUTDOOR window and door systems

MB-708

MB-8610

IMPERIAL12

GENESIS-7514

SUPERIAL16

STAR18

MB-79N 20

Sliding systems

MB-SKYLINE22

ULTRAGLIDE24

MB-77HS26

PANORAMA28

Fire Safety systems 30

Panel and inlay doors32

Interior fittings40

Window shutters44

Our Projects46

MB-45

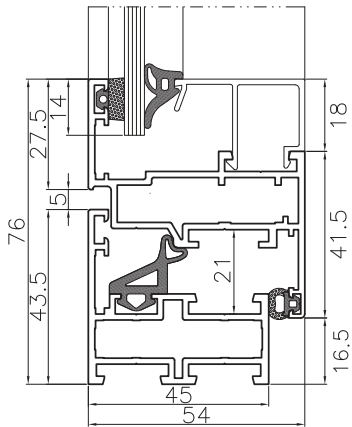
Aluprof

SYSTEMS

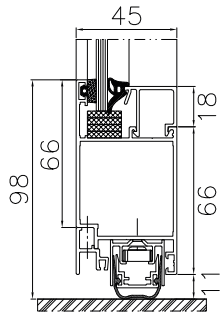
doors and windows

MB-45 is a state-of-the-art aluminium system for non-demanding thermal insulation of indoor and outdoor elements, e.g. partition walls, windows, doors, sliding doors, swinging doors, vestibules, shop windows, cashier boxes, showcases, and spatial structures. Indoor system without a thermal separator, with installation depth of 45 mm.

Technical data	
Profile dimensions [mm]	
Frame depth door/window	45
Leaf depth door/window	45 / 54
Glazing thickness: fixed window and openable door/window	2÷25 / 2÷34
Min. visible width of profiles	
Door / window frame	66,5 / 43,5
Door / window leaf	72 / 27,5
Max. structure dimensions	
Max. window dimensions (H×L)	L up to 1250 mm H up to 2400 mm
Max door leaf dimensions (H×L)	L up to 1250 mm H up to 2400 mm
Min. door width for clearing S=900	1078 mm



cross-section of the window



cross-section of the door

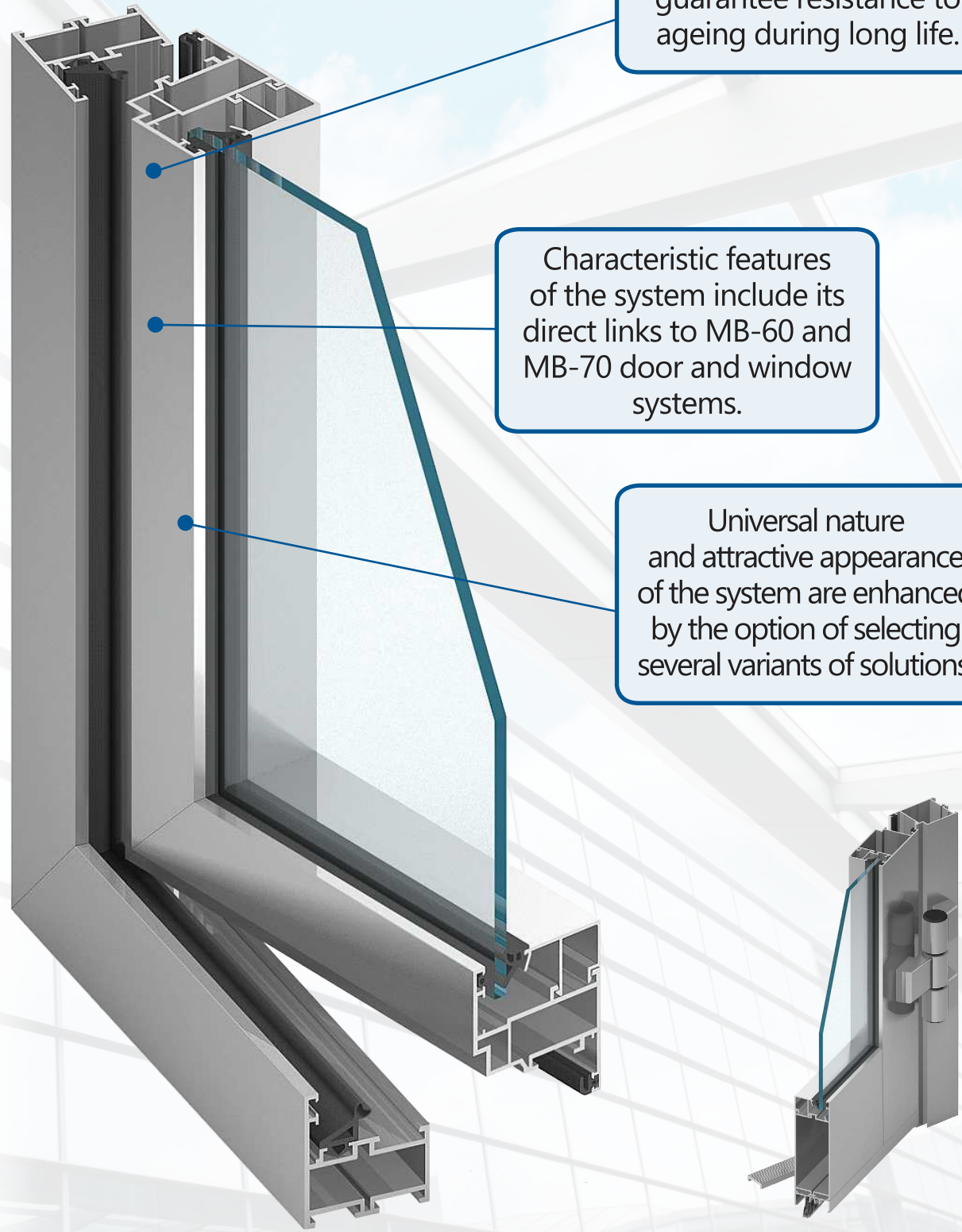
THERMAL INSULATION



Tightness assured owing to special EPDM synthetic rubber seals that guarantee resistance to ageing during long life.

Characteristic features of the system include its direct links to MB-60 and MB-70 door and window systems.

Universal nature and attractive appearance of the system are enhanced by the option of selecting several variants of solutions.



MB-45

INDOOR

SYSTEMS

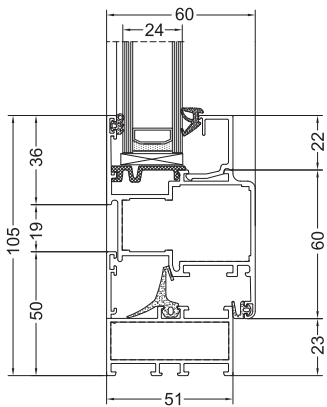
ECONOLINE

Aliplast

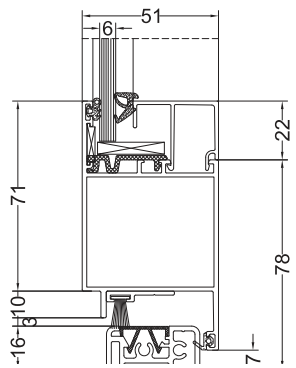
doors and windows

System for doors and windows without thermal insulation. It allows engineering light, durable, and functional facilities. The system is compatible with other Aliplast systems. Designated for constructing indoor and outdoor architectural elements that do not require thermal insulation: doors, windows, and partition wall segments.

Technical data	
Profile dimensions [mm]	
Frame depth door/window	51
Leaf depth door/window	51 / 60
Glazing thickness fixed window and openable door/window	4÷37
Min. visible width of profiles	
Door / window frame	71 / 50
Door / window leaf	93 / 67
Max. structure dimensions	
Max. window dimensions (H×L)	L up to 1100 mm H up to 2200
Max. leaf dimensions door (H×L)	L up to 1200 mm H up to 2300 mm
Min. door width for clearing S=900 mm	1093 mm

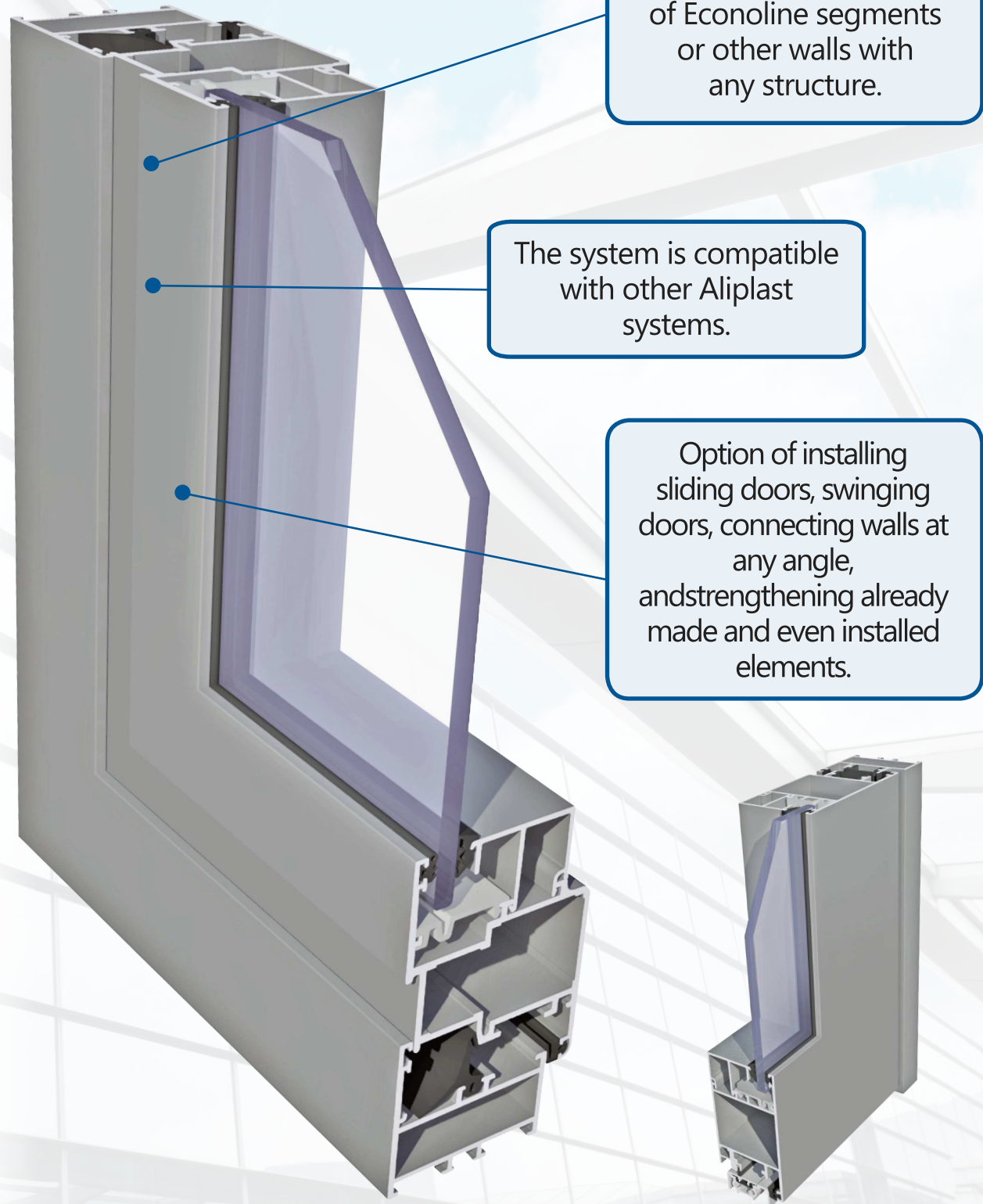


cross-section of the window



cross-section of the door

THERMAL INSULATION



Option of building Econoline doors into partition walls made of Econoline segments or other walls with any structure.

The system is compatible with other Aliplast systems.

Option of installing sliding doors, swinging doors, connecting walls at any angle, and strengthening already made and even installed elements.

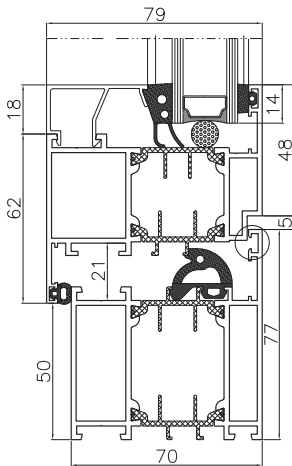
MB-70

Aluprof

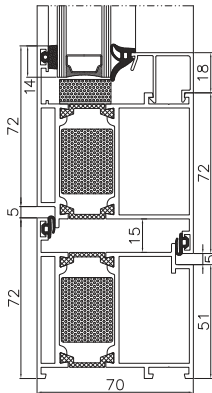
SYSTEMS **doors and windows**

MB-70 is a state-of-the-art aluminium system for outdoor architectural elements that require thermal insulation, e.g. various types of doors, windows, vestibules, shop windows, and spatial structures. The system provided for three-chambered profiles.

Technical data	
Profile dimensions [mm]	
Frame depth door/window	70 / 70
Leaf depth door/window	70 / 79
Glazing thickness: fixed window and openable door/window	15÷51 / 23÷60
Min. visible width of profiles	
Door / window frame	51 / 47
Door / window leaf	72 / 32
Max. structure dimensions	
Max. window dimensions (H×L)	L up to 1250 mm H up to 1100 mm
Max door leaf dimensions (H×L)	L up to 1300 mm H up to 2400 mm
Min. door width for clearing S=900 mm	1114 mm
Insulation power	
Thermal insulation (U _f)	from 1,0 W/m²K

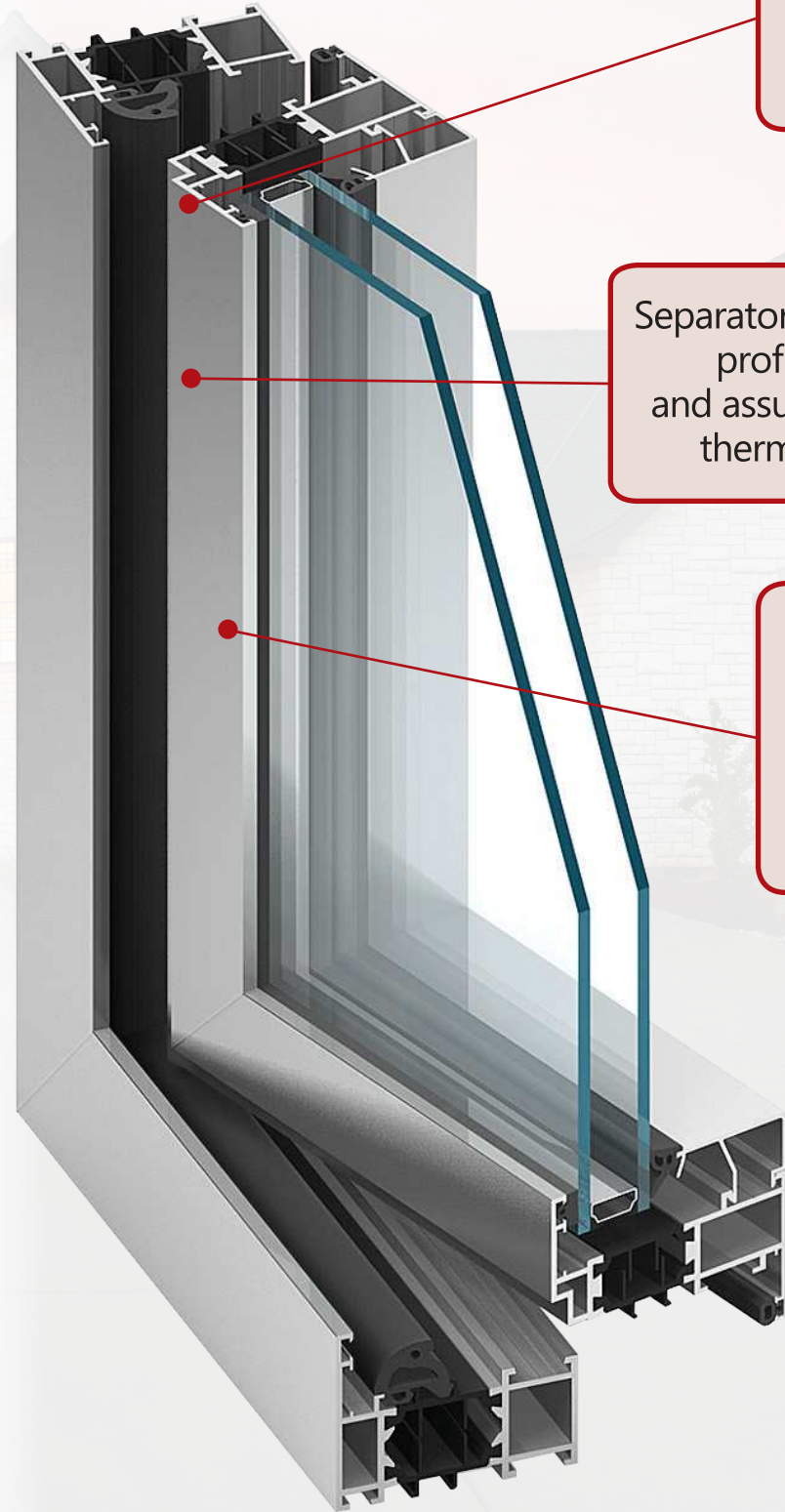


cross-section of the window



cross-section of the door

THERMAL INSULATION



Favourable U transmittance value owing to the application of special thermal separators and seals.

Separator shape improves profile rigidity and assures appropriate thermal insulation

Thermal separators feature additional sealing and protrusions that partition the chamber between the aluminium profiles.



MB-70

OUTDOOR

MB-86

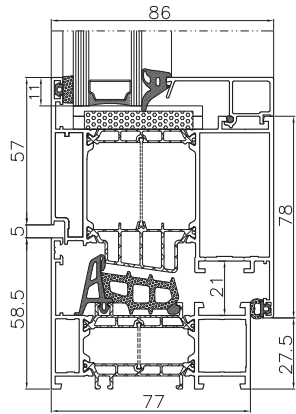
Aluprof

SYSTEMS

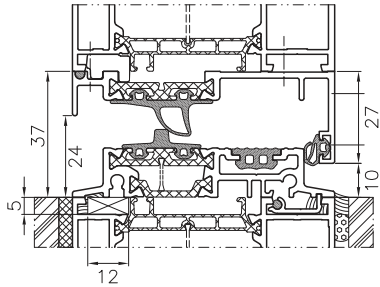
doors and windows

Product with very good parameters that meet various needs. Profiles are available with three structural variants: ST, SI, and AERO (system using aerogel). It is characterised with high profile strength, which allows constructing structures of large sizes and weights.

Technical data	
Profile dimensions [mm]	
Frame depth door / window	77 / 77
Leaf depth door / window	77 / 86
Glazing thickness fixed window and openable door/window	13,5÷61,5 / 21÷70,5
Min. visible width of profiles	
Door / window frame	68 / 59
Door / window leaf	72 / 40
Max. structure dimensions	
Max. window dimensions (H×L)	L up to 1700 mm H up to 2800 mm
Max door leaf dimensions (H×L)	L up to 1400 mm H up to 3000 mm
Min. door width for clearing S=900	1106 mm
Insulation power	
Thermal insulation (U _f)	from 0,57 W/m²K

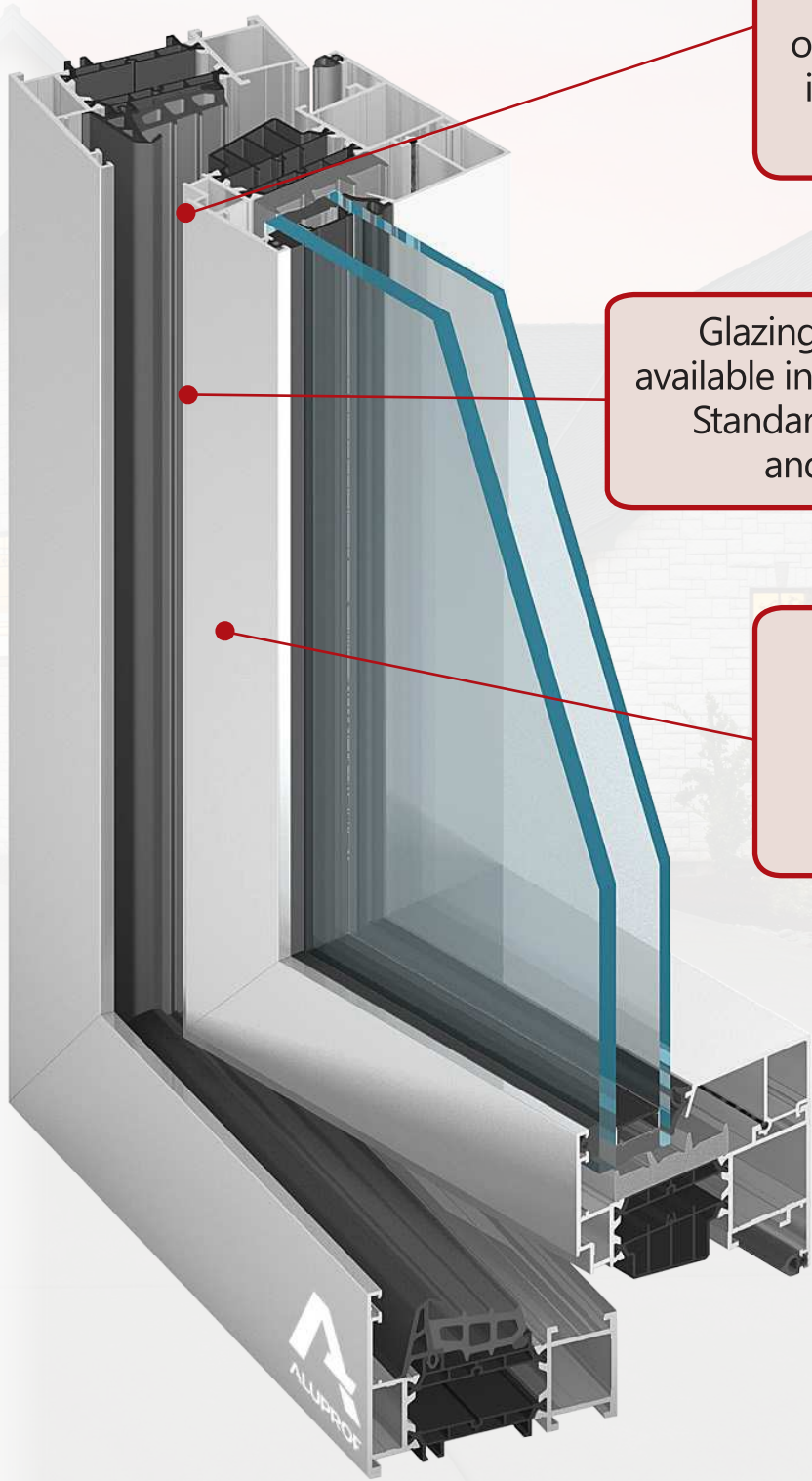


cross-section of the window



cross-section of the door

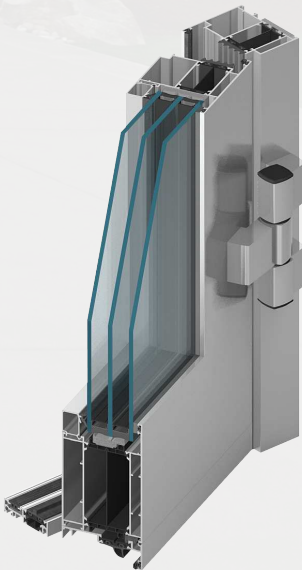
THERMAL INSULATION



Wide thermal separators with a new shape, allowing application of an additional partition in the profile insulation zone.

Glazing panes are available in three variants: Standard, Prestige, and Style.

Broad range of glazing allows for application of triple-glazed panes, acoustic panes, or antiburglary panes.



MB-86

OUTDOOR

IMPERIAL

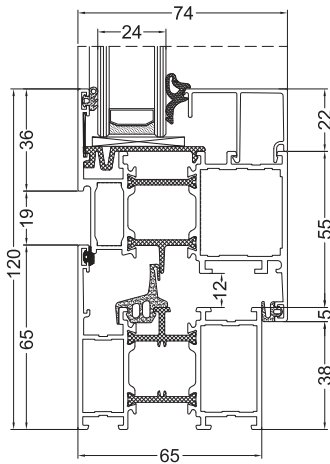
Aliplast

SYSTEMS

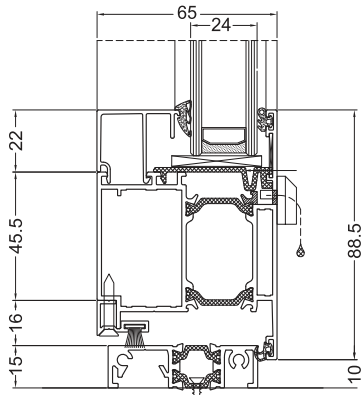
doors and windows

The system intended for constructing doors, windows, and show windows with thermal insulation parameters achieved owing to the application of special inserts slid between thermal separators, and between the pane and the profile. The product is dedicated to customers who care about aesthetics.

Technical data	
Profile dimensions [mm]	
Frame depth door/window	65 / 65
Leaf depth door/window	65 / 74
Glazing thickness: fixed window and openable door/window	4÷51
Min. visible width of profiles	
Door / window frame	65 / 55
Door / window leaf	65 / 74
Max. structure dimensions	
Max. window dimensions (H×L)	L up to 1300 H up to 2752
Max door leaf dimensions (H×L)	L up to 1209 H up to 2744
Min. door width for clearing S=900 mm	1091 mm
Insulation power	
Thermal insulation (U _f)	from 1,7 W/m²K

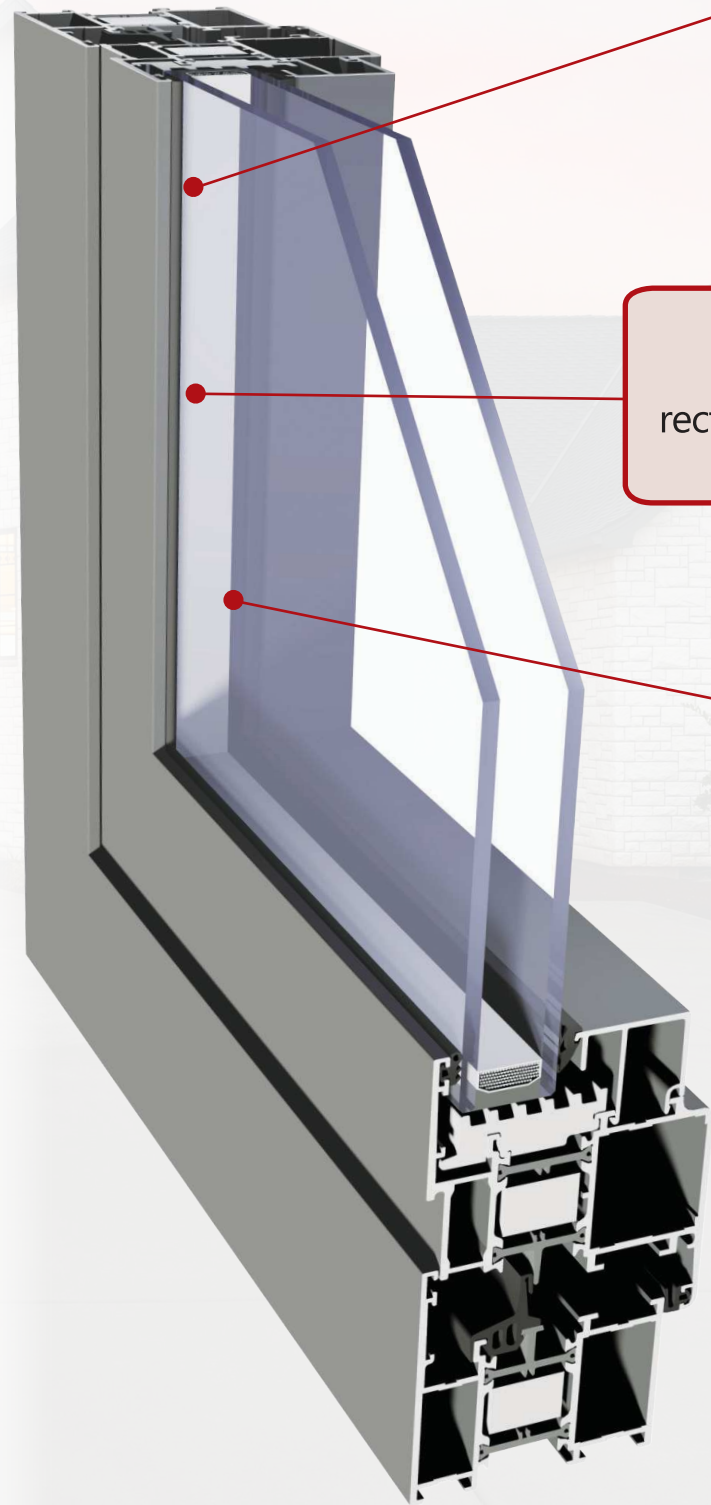


cross-section of the window



cross-section of the door

THERMAL INSULATION



The available broad range of system profiles guarantees achievement of the required aesthetics and structural strength.

Glazing panes are available in the rectangular and rounded variants.

Option of applying a hidden leaf.



GENESIS-75

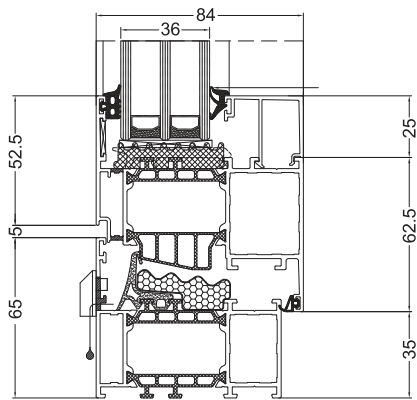
Aliplast

SYSTEMS

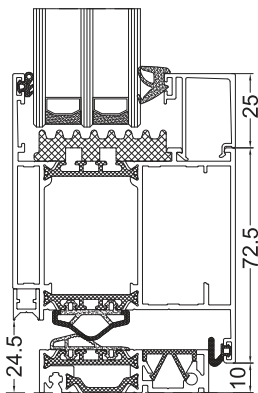
doors and windows

The system applies state-of-the-art insulation materials. Owing to an additional thermal seal, very high window tightness (air infiltration, waterproofing) has been achieved. The system is characterised with modern looks and aesthetics. Doors and windows using Genesis profiles meet the expectations of the most demanding customers, both in the aspect of quality and technical parameters.

Technical data	
Profile dimensions [mm]	
Frame depth door/window	75 / 75
Leaf depth door/window	75 / 84
Glazing thickness door/window	1÷59 / 9÷65
Min. visible width of profiles	
Door / window frame	84 / 75
Door / window leaf	75 / 75
Max. structure dimensions	
Max. window dimensions (H×L)	L up to 1300 mm H up to 2800 mm
Max door leaf dimensions (H×L)	L up to 1423 mm H up to 2810 mm
Min. door width for clearing S=900 mm	1102 mm
Insulation power	
Thermal insulation (Uf)	from 0,84 W/m²K

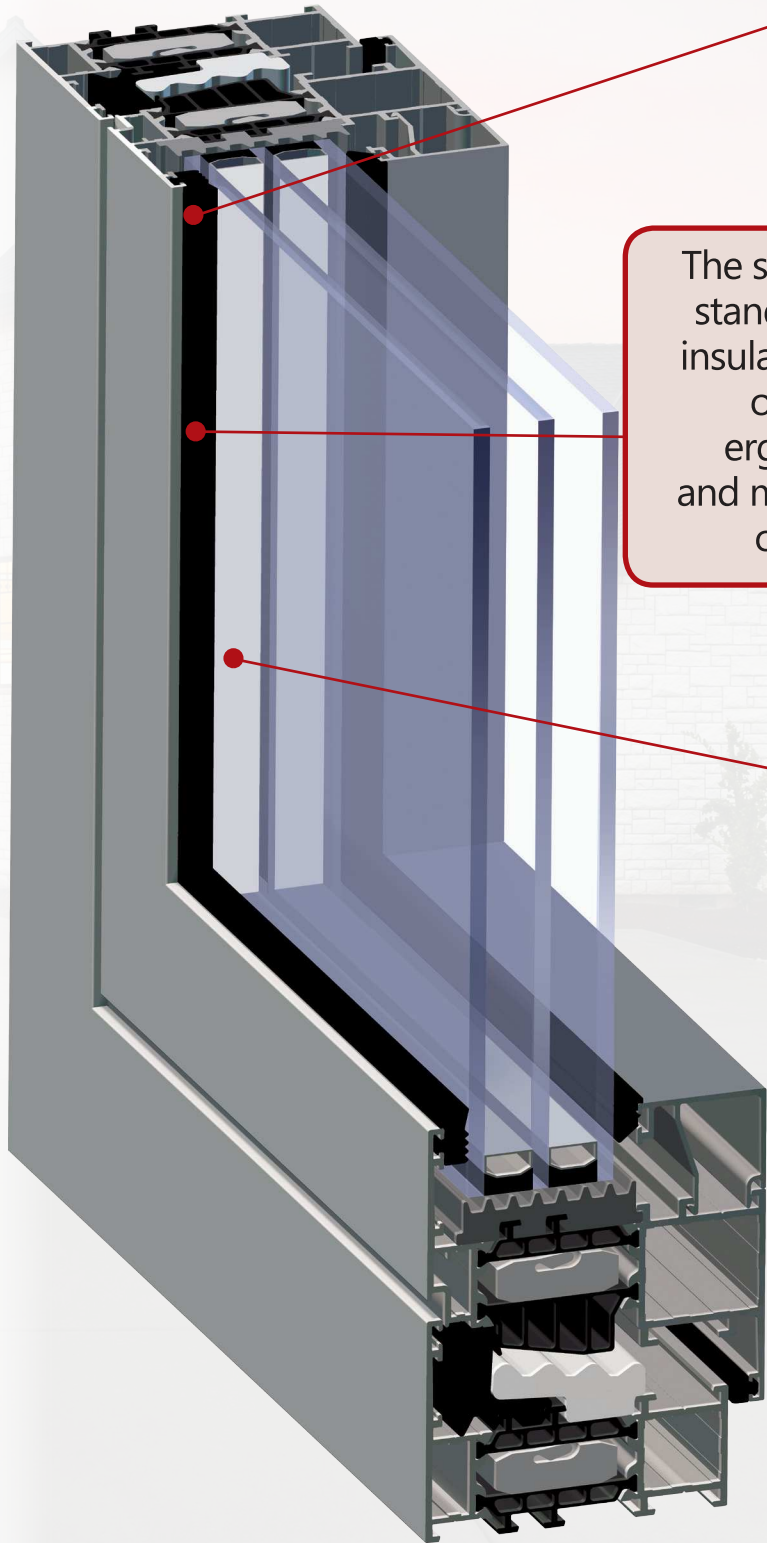


cross-section of the window



cross-section of the door

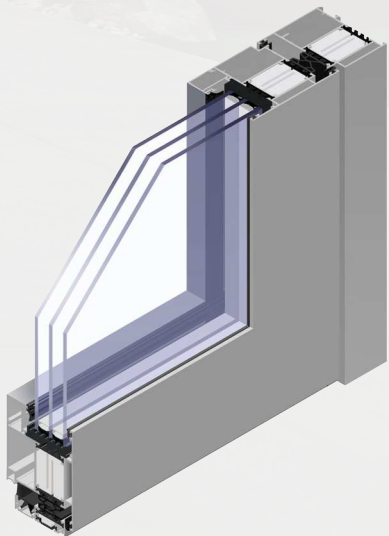
THERMAL INSULATION



Its technical parameters meet the requirements applicable since 2021 (Uw from 0.90).

The system sets a new standard for window insulation power while observing top ergonomics of use and modern aesthetics of the profile.

The system allows execution of completely glazed corner connection at a straight angle.



SUPERIAL

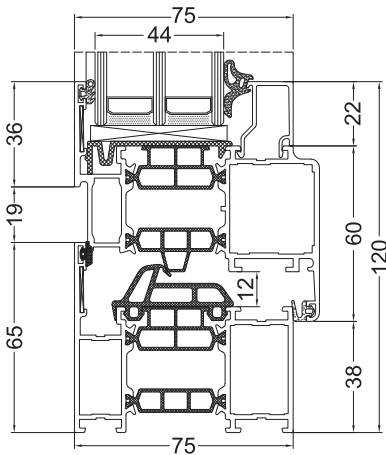
Aliplast

SYSTEMS

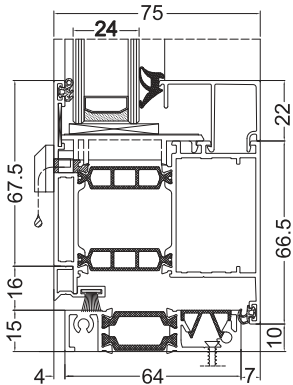
doors and windows

Outdoor system used for producing door and window structures with greater thermal insulation coefficient. Superial profiles allow engineering state-of-the-art solutions in many variants. They can be applied in both residential and public buildings.

Technical data	
Profile dimensions [mm]	
Frame depth door/window	75 / 75
Leaf depth door/window	75 / 84
Glazing thickness: fixed window and openable door/window	14÷61
Min. visible width of profiles	
Door / window frame	72 / 55
Door / window leaf	94 / 72
Max. structure dimensions	
Max. window dimensions (H×L)	L up to 1618 mm H up to 1430 mm
Max door leaf dimensions (H×L)	L up to 1300 mm H up to 2800 mm
Min. door width for clearing S=900 mm	1109 mm
Insulation power	
Thermal insulation (Uf)	from 1,6 W/m²K

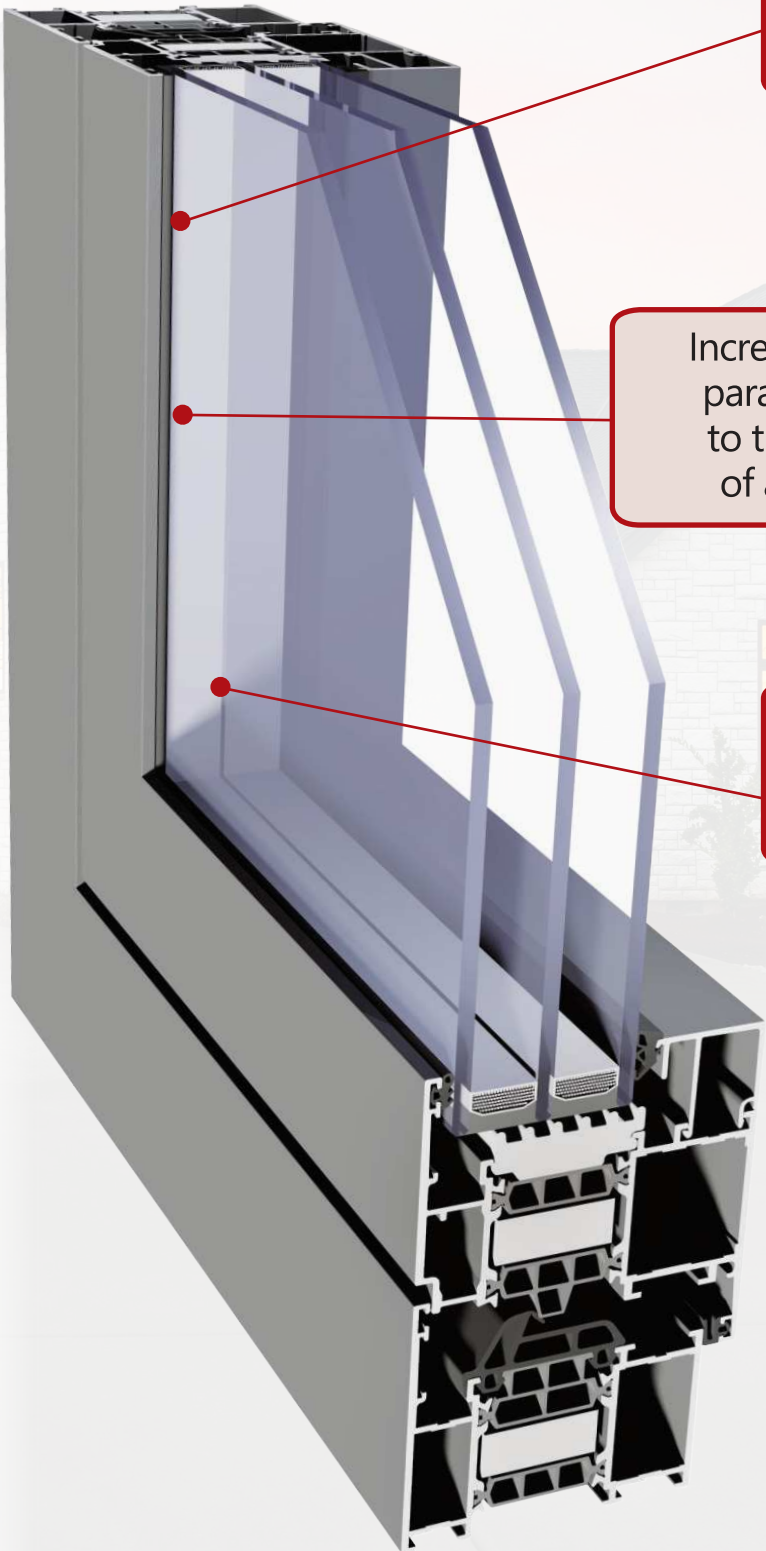


cross-section of the window



cross-section of the door

THERMAL INSULATION



Low doorstep option available for one- and two-leaf French windows.

Increased insulation parameters owing to the application of a special seal.

Profile drainage available in two variants: traditional or concealed.



STAR Aliplast

SYSTEMS

doors and windows

State-of-the-art aluminium system intended for doors and windows requiring very good thermal insulation. Particularly recommended for low-energy buildings and thermally retrofited buildings. The application of STAR system in woodwork improves thermal comfort also in standard facilities.

Technical data

Profile dimensions [mm]

Frame depth door/window	90 / 90
Leaf depth door/window	90 / 99
Glazing thickness: fixed window and openable door/window	14÷72

Min. visible width of profiles

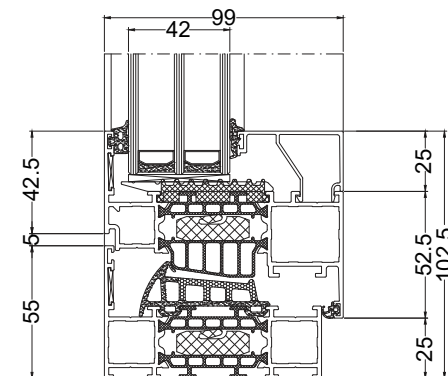
Door / window frame	70 / 55
Door / window leaf	70 / 50

Max. structure dimensions

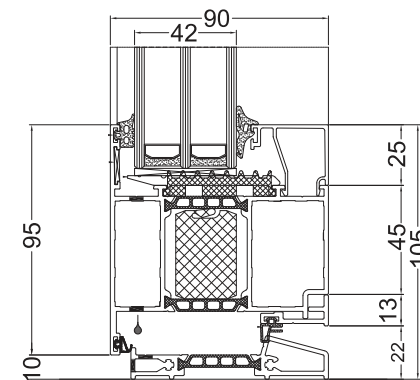
Max. window dimensions (H×L)	L up to 1300 H up to 2800
Max door leaf dimensions (H×L)	L up to 1200 H up to 2730
Min. door width for clearing S=900 mm	1122 mm

Insulation power

Thermal insulation (Uf)	from 0,6 W/m ² K
-------------------------	-----------------------------

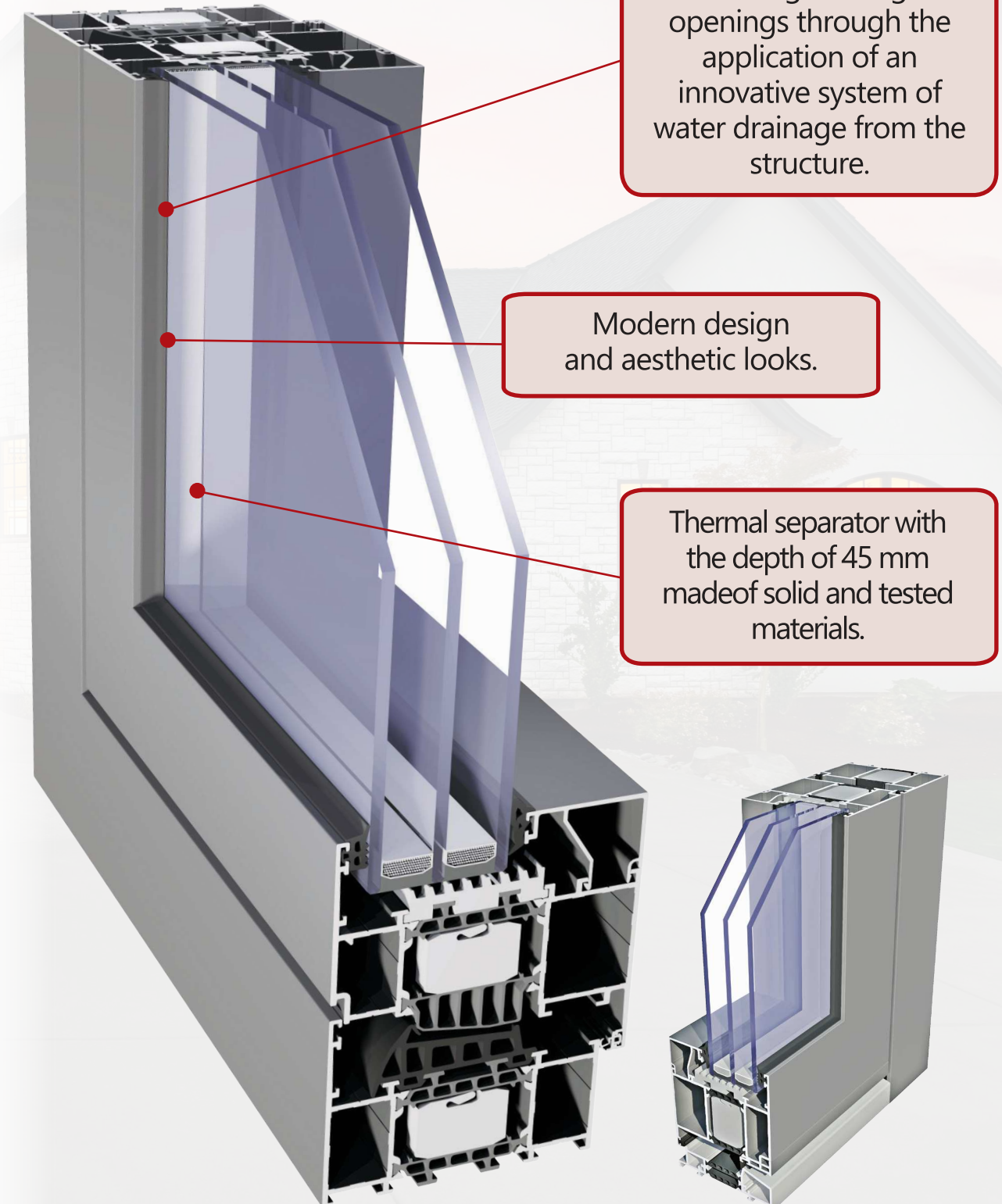


cross-section of the window



cross-section of the door

THERMAL INSULATION



STAR

OUTDOOR

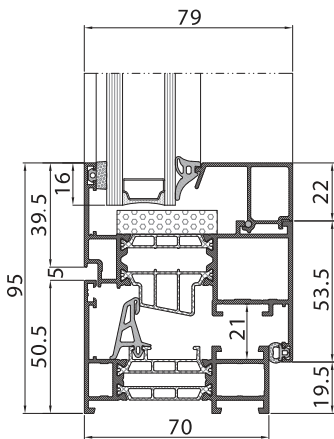
MB-79N

Aluprof

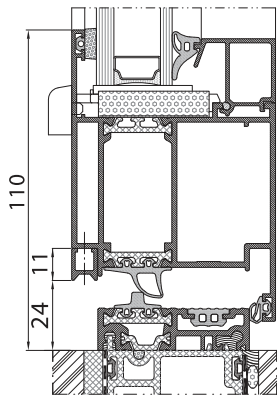
SYSTEMS **doors and windows**

Economy type door and window system. Invented with the thought of meeting higher demands for thermal insulation. Serves for producing fixed, openable, tiltable, tiltable-openable, tiltable-sliding windows, as well as external doors with one or two leafs, and for show windows with doors.

Technical data	
Profile dimensions [mm]	
Frame depth door/window	70 / 70
Leaf depth door/window	70 / 79
Glazing thickness: fixed window and openable door/window	2-54÷11-63
Min. visible width of profiles	
Door / window frame	69,5 / 58,5
Door / window leaf	79 / 39
Max. structure dimensions	
Max. window dimensions (H×L)	L up to 1700 H up to 2750
Max door leaf dimensions (H×L)	L up to 1400 H up to 2900
Min. door width for clearing S=900 mm	1105 mm
Insulation power	
Thermal insulation (Uf)	from 0,64 W/m²K

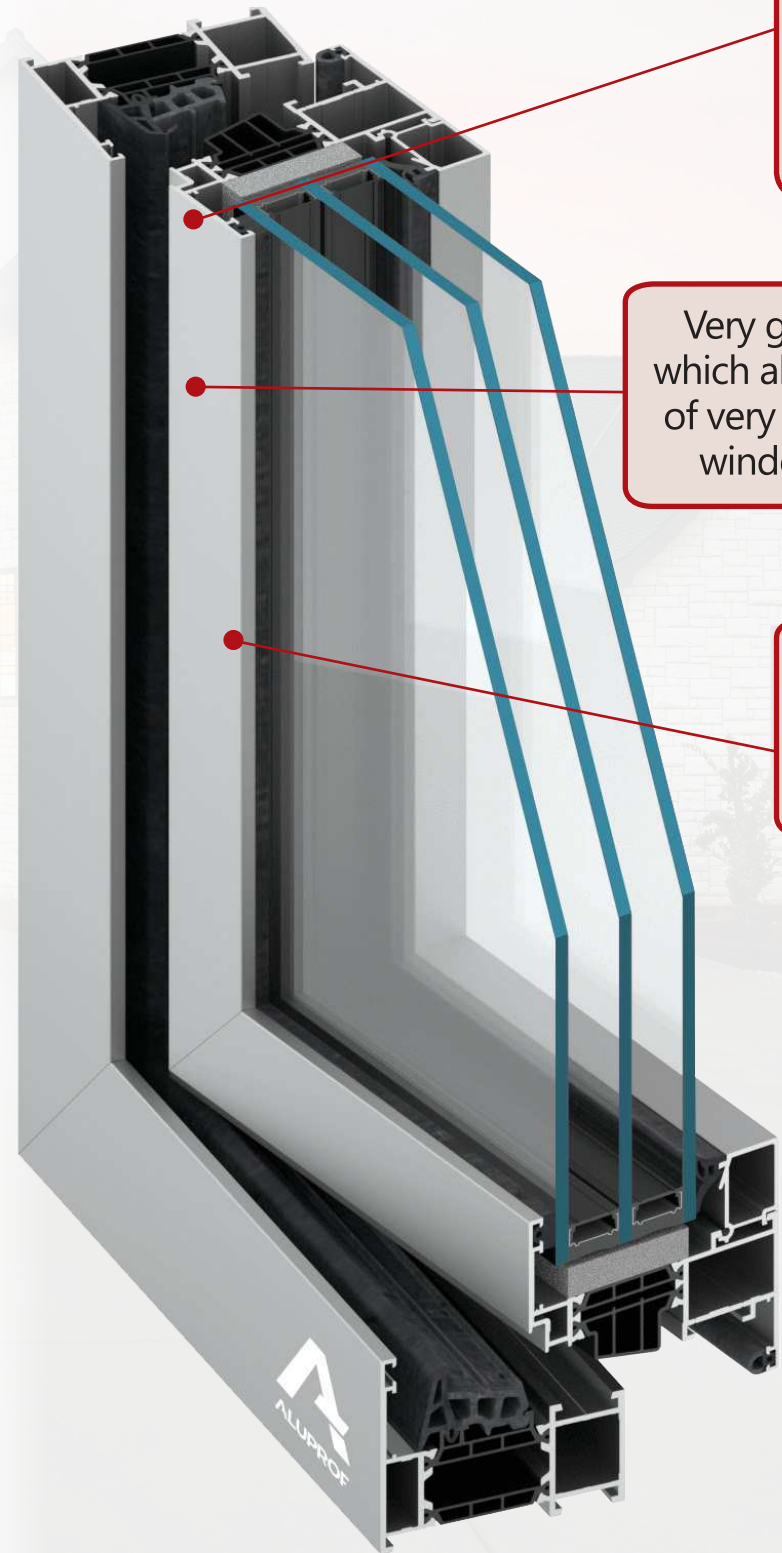


cross-section of the window



cross-section of the door

THERMAL INSULATION



The structure meeting the requirements of Technical Conditions applicable since 2021 for windows (0.9 W/(m2K) and doors (1.3 w/(m2k).

Very good kinematics, which allows construction of very narrow openable windows and doors.

Door leaf profiles feature joints, which eliminates thermal tensions during operation.



MB-79N
OUTDOOR

SYSTEMS

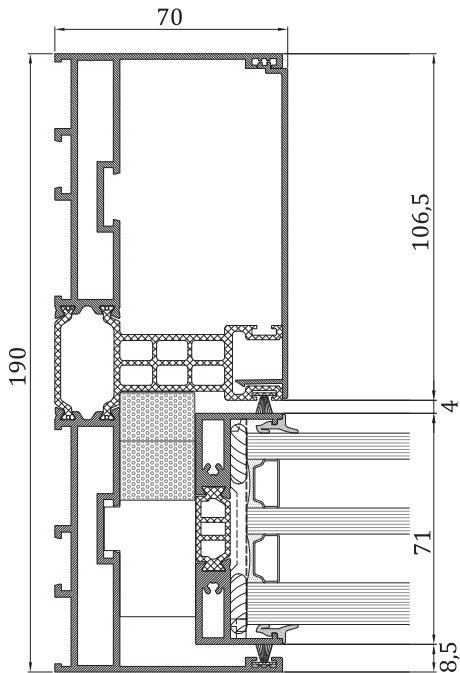
sliding

MB-SKYLINE

Aluprof

Outdoor system of sliding doors with a hidden frame. A leaf with the depth of 71 mm, double-track frame 190 mm, and triple-track frame 292 mm. Frame hidden in walls, floor and ceiling, leafs completely aligned with the frame profile on the sides; visible width of door leaf connection: 25 mm. Door leafs weighting up to 700 kg and with large dimensions of up to 4m in height. The system provides users with comfortable step-free passage from the interior to the terrace, perfectly connecting the interior with the surroundings while open.

Technical data	
Profile dimensions [mm]	
Frame depth	190mm / 292 mm
Leaf depth	71 mm
Glazing thickness	3-paned package 52-60mm
Insulation power	
Air permeability	Class 3; EN 12207
Resistance to wind load	C5 (2000Pa); EN 12210
Watertightness	Class 9A (600Pa) EN 12208
Thermal insulation (U _f)	from 0,85 W/m²K



MB-SKYLINE

SYSTEMS

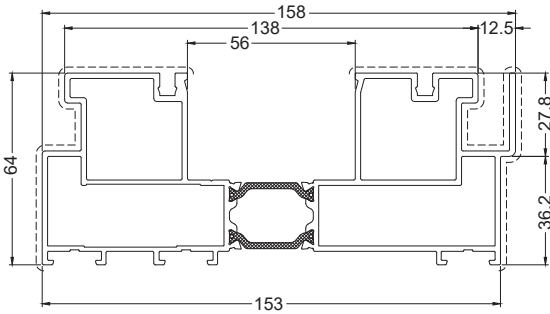
sliding

ULTRAGLIDE

Aliplast

Outdoor system with higher thermal insulation intended for engineering sliding or lift&slide solutions. Low step and 90 degrees corner options available. Additional thermal separators available. Sliding leaf can weigh up to 400 kg. The system allows engineering larged glazed surfaces, providing great lighting that facilitates indoor design.

Technical data	
Profile dimensions [mm]	
Frame depth	153-239
Leaf depth	67
Glazing thickness	14-52
Insulation power	
Air permeability	Class 4; PN-EN 12207
Resistance to wind load	C4 (1600Pa) PN-EN 12210
Watertightness	9A (600 Pa) PN-EN 12208
Thermal insulation (U _f)	from 1,45 W/m²K



ULTRAGLIDE

SYSTEMS

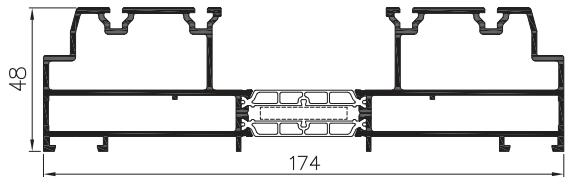
sliding

MB-77HS

Aluprof

The MB-77HS system is a product with the best parameters, meeting all the requirements for this group of products. It features two structural variants that differ with thermal insulation parameters: ST and HI. Profile structure allows execution of exclusive large doors fitted with two- or three-paned glazing, whereas the applied materials and technical solutions contribute to high of thermal and acoustic insulation class. Owing to its properties, the system works well both in detached houses, and in apartments or hotels.

Technical data	
Profile dimensions [mm]	
Frame depth	174-271
Leaf depth	77
Glazing thickness	9-61
Insulation power	
Air permeability	Class 4; PN-EN 12207
Resistance to wind load	C4 (1600Pa) PN-EN 12210
Watertightness	9A (600 Pa) PN-EN 12208
Thermal insulation (U _f)	from 0,84 W/m²K



MB-77HS

SYSTEMS

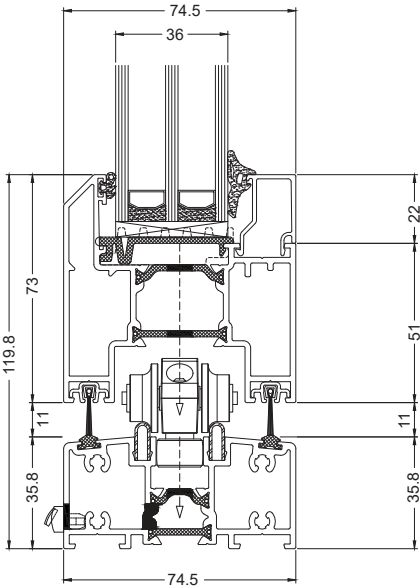
sliding

PANORAMA

Aliplast

Outdoor accordion system with the option of additional thermal separators. Installation depth totals 75mm. Option of engineering structures folded indoors or outdoors, and applying two types of step system: flat step system with brush sealing, and leakproof step made on the basis of the entire frame around the terrace window. The accordion system doors provide for a flexible solution giving way to effective use of the building area.

Technical data	
Profile dimensions [mm]	
Frame depth	74,5
Leaf depth	74,5
Glazing thickness	16-50
Insulation power	
Air permeability	Class 2; PN-EN 12207
Resistance to wind load	C1 (400Pa); PN-EN 12210
Watertightness	Class E1050; PN-EN 12208
Thermal insulation (U _f)	from 1,68 W/m²K



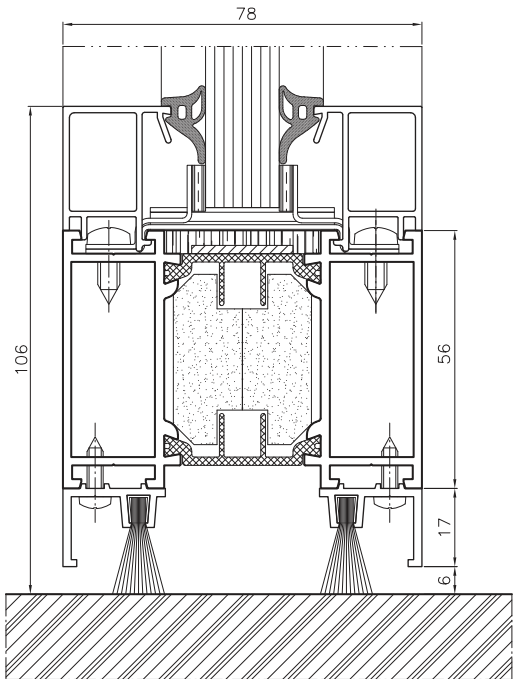
PANORAMA

MB-78EI / 60EI

Aluprof

Fire safety system adapted for engineering indoor and outdoor structures. Installation depth totals 78mm or 60mm. Intended for constructing doors, sliding doors, and glazings with fire resistance from EI15 through EI90. The systems are appropriately certified.

Technical data	
Profile dimensions [mm]	
Frame depth	78
Leaf depth	78
Glazing thickness	6-49
Technical parameters	
Fire resistance	fixed walls and swing doors: EI15, EI30, EI45, EI60, or EI90, EN 13501-2, sliding doors: EI30, EN 1634-1
Thermal insulation(Uf)	from 1,6 W/(m²K)
Max. dimensions and weight of the structure	
Max door leaf dimensions (H×L)	L up to 1400 H up to 3000
Max weight of door leaf	from 250 kg



SYSTEMS

FIRE SAFETY



MB-78EI MB-60EI

FIRE SAFETY

Doors

SYSTEMS

inlay and panel doors

Inlay filling is the simplest and the most quickly installed type of door filling system. Doors with such panels are characterised with visible door leaf from the outside and from the inside.

In the event of single-sided overlays, aluminium cover is applied from the outside, covering the door leaf, which provides an aesthetic and elegant look.

In the case of double-sided overlays, aluminium covers are provided on both sides. This results in top class and top quality doors, also in the aspect of insulation power.



inlays



one-sided overlay



double-sided overlay



INLAY AND PANEL DOORS

DOORS

Doors panel type

Panel type aluminium doors are made using the MB-86 system. The product is dedicated for passive buildings. The application of top quality decorative board and covering the leaf with metal plate provides for smooth and fancy surface on both sides, without any visible structural joints. Outer covering of 3 mm thick aluminium plate.



PANEL DOOR FILLING

DOORS PANEL TYPE

Doors

with inlay panel

The doors can be produced using MB-86, MB-104, or e.g. Superial or Genesis systems. This is an offer for all who appreciate aesthetics and elegance, and wish to enjoy the nice looks of their external door with low thermal permeability coefficient. Models used in this series are both state-of-the-art and timeless, which will assure that your facade will have a unique and elegant appearance.



INLAY DOOR FILLING

DOORS WITH INLAY PANEL

Equipment door

SYSTEMS

accessories

Door handrails with unique classic and timeless design. Each door holder has a unique appearance on the door, providing comfort and ergonomics of use.



Hinges are a necessary element making your doors and windows serve their purpose. It is important to have top quality hinges to provide for long life and quality of use. We offer leaf type, roller type, and concealed hinges. Leaf type hinges are dedicated to industrial doors, while roller and concealed hinges to entrance doors to apartments and houses.



Doors and holders can be fitted with additional electronic devices, including LED lights, fingerprint readers, and other accessories by Fuhr, Navkom, Idencom, or Ekey.



ACCESSORIES

DOORS

Winter gardens

SYSTEMS

outdoor structures

Winter gardens are a new space to extend our apartment. We propose exclusive solutions adapted to individual needs and capacities. Owing to covering a terrace, construction of a new garden, a house can gain state-of-the-art looks, with an interesting additional extra room, whereas the latest solutions and aesthetics can meet customer expectations.



Pergolas

Pergolas are a sort of roofing to protect the selected area against direct sunlight, rain, or wind. Most frequently installed on terraces as free-standing structures resembling a state-of-the-art gazebo. The product is dedicated to all those who enjoy spending time in the open air.



OUTDOOR STRUCTURES

VICTORIAN PLUS

Thermally insulated system of winter garden roofing with extended shapes. The system dedicated to Victorian-type winter gardens. It is possible to install decorated profiles and elements (decorative ridges, structural tie bars, downcomer tubes).



ALIVER 2000+

Thermally insulated system for constructing winter garden roofing, usually pent roofs or gable roofs. Rafters and external masking bars in the soft (rounded) and sharp rectangular shapes.



TERRASSEN

Roofing system with no thermal insulation. In Terassen system, the roof is adapted to glazing of polycarbonate boards, as well as double and triple glass panes. It is possible to cover shades on the sides.



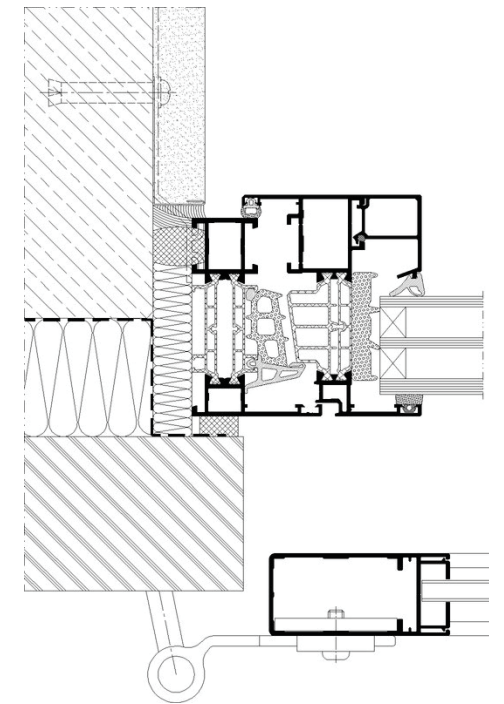
MB-SUNSHADES

Aluprof

SYSTEMS

shutters

MB-SUNSHADES shutters provide perfect protection against too intensive sunlight in the rooms, while giving characteristic appearance to the building facade. The structure comprises a frame with slanted fins or panels. Because the elements are made of aluminium, they are very resistance to weather conditions and do not require any renovation for years, unlike PVC or wooden products.



SHUTTERS

