FRAMELITE

VISION ENCASED IN ELITE FRAMES

THE DOOR COLLECTION

Entrance doors

Systems, finishes and details for your project.

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ALUMINIUM DOORS

Aluminium doors offer a wide choice of configurations, finishes and hardware. From contemporary entrance designs to glazed doors with sidelights, we help you select a system suited to the architecture, performance requirements and practical details of your project.

INFILLS p. 16

EXTRAS p. 34

COLOUR SCHEME p. 36

MB-86 SI SYSTEM

Exterior doors in this system, with a threshold equipped with a thermal break, are characterised not only by exceptional quality in terms of thermal insulation, but also durability. Hence these doors are recommended for energy-saving constructions.

TECHNICAL DATA

77 mm
installation depth

Ud = 0,83 W/(m²K)*
thermal transmittance

* More data at p. 110.

SYSTEM STRUCTURE

The profiles have a three-chamber structure with a structural depth of door sections of 77 mm and a thermal break made of polyamide reinforced with fiberglass.

Extra Options Available:

- Swisspacer Ultimate warm spacing edge in 3 colour variants.
- 3-winged, roller and hidden hinges (invisible when the door is closed).
- Sidelights (p. 100-101).
- A wide range of RAL colours, special colours and structures (p. 40).
- Both-side alignment.
- 15 mm to 69 mm thick infill (glass), 77 mm thick overlay panel, and 36 mm thick batch panel.

S As Standard:

- 3-point espagnolette
- 3 two-winged hinges
- Ug = 1,1 W/(m²K) glass
- Standard colours: RAL 7016 and 9016 matt paint
- threshold with a thermal break
- aluminium handle
- mounting insert.

77 mm thick both-side aligned batch panel.

- Optional drop seal available
- Available in two insulation types: ST or SI
- Glass with increased acoustic insulation, toughened, laminated (safety and anti-burglary), ornamental, sun protective, and sandblasted glass.
- An espagnolette with a motor, equipping it to work with a smart access system.
- A “day/night” type of espagnolette (recommended when choosing a pull handle).

Smart Home

FRAMELITE

NEW

D-ART LINE SYSTEM

A new generation of premium-class doors
– technology, design, excellence.

SAMPLE DESIGNS

D-ART LINE ELEGANCE 2

D-ART LINE PRESTIGE 2

D-ART LINE PRESTIGE 3

SAMPLE DESIGNS

D-ART LINE CLASSIC 6

D-ART LINE MODERN 5

D-ART LINE ELEGANCE 1

BEAUTY LIES IN THE DETAIL

D-ART LINE ELEGANCE 1

MB-79N SI SYSTEM

Single or double leaf doors made in this system meet increased thermal and acoustic requirements, which can be attributed to its structure with applied sealing including a threshold with a thermal break.

TECHNICAL DATA

70 mm	Ud = 1,0 W/(m²K)*
installation depth	thermal transmittance

* More data at p. 110.

SYSTEM STRUCTURE

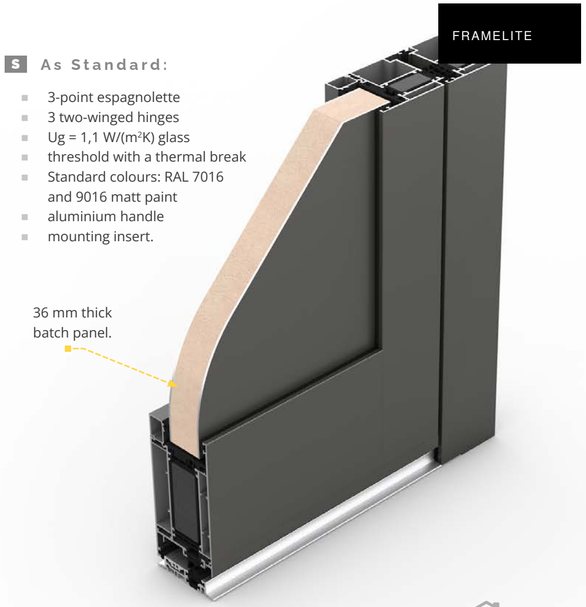
The structural depth of the leaf sections and the frame is the same and amounts 70 mm. The structure provides for alignment with both of the sections either from the outside or from the inside. The leaf profiles dilate so that thermal strains, which occur during use, are eliminated.

Extra Options Available:

- Swisspacer Ultimate warm spacing edge in 3 colour variants.
- 3-winged, roller and hidden hinges (invisible when the door is closed).
- Sidelights (p. 100-101).
- A wide range of RAL colours, special colours and structures (p. 40).
- 16 mm to 53 mm thick infill (glass) and 36 mm thick batch panel.

S As Standard:

- 3-point espagnolette
- 3 two-winged hinges
- Ug = 1,1 W/(m²K) glass
- threshold with a thermal break
- Standard colours: RAL 7016 and 9016 matt paint
- aluminium handle
- mounting insert.



- Optional drop seal available
- Available in three insulation types: ST, SI or SI+
- An espagnolette with a motor, equipping it to work with a smart access system.
- Glass with increased acoustic insulation, toughened, laminated (safety and anti-burglary), ornamental, sun protective, and sandblasted glass.
- A “day/night” type of espagnolette (recommended when choosing a pull handle).

Smart Home

MB-45 SYSTEM (COLD)

Doors in this system, due to the construction of one-chamber profiles without a thermal break, are recommended mainly for inside buildings in places which do not need to meet high thermal insulation parameters e.g. for building partition walls, vestibules, showcases, checkout counters, or glass-cases.

TECHNICAL DATA

45 mm

installation depth

* More data at p. 110.

SYSTEM STRUCTURE

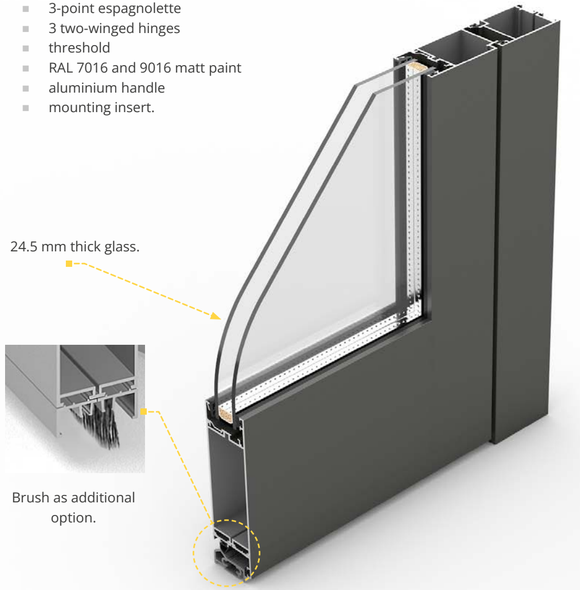
The depth of the leaf and frame sections, amounting to 45 mm in both of these elements, allows for aligned surfaces results. The narrow profile gives a visual lightness to the construction, which perfectly fits into the current design trends.

Extra Options Available:

- Swisspacer Ultimate warm spacing edge in 3 colour variants.
- 3-winged hinges.
- Single 6 mm thick glass.
- A wide range of RAL colours, special colours and structures (p. 40).
- 6 mm to 28 mm thick infills.

S As Standard:

- 3-point espagnolette
- 3 two-winged hinges
- threshold
- RAL 7016 and 9016 matt paint
- aluminium handle
- mounting insert.



Brush as additional option.

- Optional drop seal available
- Glass with increased acoustic insulation, toughened, laminated (safety and anti-burglary), ornamental, sun protective, and sandblasted glass.
- Sidelights (p. 100-101).

ALUMINIUM SYSTEM

MB-79N SI+ System

MB-79N SI+ System

ALUMINIUM SYSTEM

MB-79N SI+ System

MB-86 SI System

ALUMINIUM DOORS INFILL DESIGNS

Choose from a broad range of aluminium door infills, with glazing and stainless steel details. Designs and colour options can be selected to complement the building. The infills shown feature a 4-glass package as standard.

Panels without cutters may be equipped with steel application.

Each glazing spacer bar is available in grey (INOX) or black.

WASHINGTON ZERO

WASHINGTON WOOD (L) (R)

Possible to order in mirror image.
Wood design only from the outside.

WASHINGTON 1*

WASHINGTON 2*

WASHINGTON 3 (L) (R)*

Possible to order in mirror image.

WASHINGTON 4*

Possible to order in mirror image.

L - Left **R** - Right **C** - Center - configuration of the pattern position relative to the center of the panel.

* Flush-mounted Inox application on the sheet surface.

ALUMINIUM DOORS INFILL DESIGNS

Each glazing spacer bar is available in grey (INOX) or black.

WASHINGTON 6

WASHINGTON 7

WASHINGTON 8

WASHINGTON POCKET (L) (R)*

ALASKA 1

ALASKA 1
DECORATIVE FRAME

ALASKA 2

ALASKA 2
DECORATIVE FRAME

L - Left **R** - Right **C** - Center - configuration of the pattern position relative to the center of the panel.

* Flush-mounted Inox application on the sheet surface.

ALUMINIUM DOORS INFILL DESIGNS

Each glazing spacer bar is available in grey (INOX) or black.

ALASKA 3 (L) (R)

The option to order in mirror image.

ALASKA 4

ALASKA 4
DECORATIVE FRAME

ALASKA 5 (L) (R)

The option to order in mirror image.

ARIZONA 1

ARIZONA 1
DECORATIVE FRAME

ARIZONA 2

ARIZONA 2
DECORATIVE FRAME

L - Left **R** - Right **C** - Center - configuration of the pattern position relative to the center of the panel.
* Flush-mounted Inox application on the sheet surface.

ALUMINIUM DOORS INFILL DESIGNS

Each glazing spacer bar is available in grey (INOX) or black.

CALIFORNIA 5
(L) (R) (C)

CALIFORNIA 5
DECORATIVE FRAME
(L) (R) (C)

CALIFORNIA 6
(L) (R) (C)

CALIFORNIA 6
DECORATIVE FRAME
(L) (R) (C)

COLORADO 1
DECORATIVE FRAME (C)

The option to choose option without INOX.

FLORIDA 1 (L) (R)

The option to order in mirror image.

L - Left **R** - Right **C** - Center - configuration of the pattern position relative to the center of the panel.
* Flush-mounted Inox application on the sheet surface.

ALUMINIUM DOORS INFILL DESIGNS

Each glazing spacer bar is available in grey (INOX) or black.

FLORIDA 1 DECORATIVE FRAME (L) (R)

The option to order in mirror image.

FLORIDA 2 (L) (R)*

The option to order in mirror image.

FLORIDA 3 (L) (R)*

The option to order in mirror image.

FLORIDA 4 (L) (R)*

The option to order in mirror image.

HAWAII 1

HAWAII 1 DECORATIVE FRAME (C)

L - Left **R** - Right **C** - Center - configuration of the pattern position relative to the center of the panel.

* Flush-mounted Inox application on the sheet surface.

ALUMINIUM DOORS INFILL DESIGNS

Each glazing spacer bar is available in grey (INOX) or black.

HAWAII 2
DECORATIVE FRAME (C)

HAWAII 3
DECORATIVE FRAME (C)

HAWAII 4*

HAWAII 5 (L) (R)*

Horizontal cutter on the whole leaf width,
The option to order in mirror image.

MONTANA 1

L - Left **R** - Right **C** - Center - configuration of the pattern position relative to the center of the panel.
* Flush-mounted Inox application on the sheet surface.

ALUMINIUM DOORS INFILL DESIGNS

Each glazing spacer bar is available in grey (INOX) or black.

MONTANA 4*

MONTANA WOOD

Wood design only from the outside.

MONTANA 1 DECORATIVE FRAME

MONTANA 2 DECORATIVE FRAME (R) (L)

The option to order in mirror image.

MONTANA 3 DECORATIVE FRAME (R) (L)

The option to order in mirror image.

MINNESOTA 1

L - Left **R** - Right **C** - Center - configuration of the pattern position relative to the center of the panel.

* Flush-mounted Inox application on the sheet surface.

ALUMINIUM DOORS INFILL DESIGNS

Each glazing spacer bar is available in grey (INOX) or black.

NEW YORK 1 (L) (R) (C)

NEW YORK 2 (L) (R)

The option to order in mirror image.

NEBRASKA 1 (L) (R) (C)

The option to order in mirror image.

NEBRASKA 1 DECORATIVE FRAME (L) (R) (C)

The option to order in mirror image.
Only available with selected pull handles.

NEW JERSEY 1 DECORATIVE FRAME

The option to choose without INOX.
Only a steel spacing edge can be used.

TEXAS (L) (R) (C)

TEXAS DECORATIVE FRAME (L) (R) (C)

The option to order in mirror image.
Only available with selected pull handles.

TEXAS WOOD (L) (R)

The option to order in mirror image.
Wood design only from the outside.

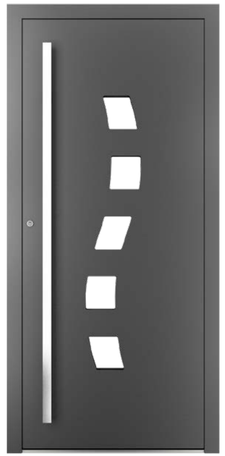
L - Left **R** - Right **C** - Center - configuration of the pattern position relative to the center of the panel.
* Flush-mounted Inox application on the sheet surface.

ALUMINIUM DOORS INFILL DESIGNS

Each glazing spacer bar is available in grey (INOX) or black.

OHIO
DECORATIVE FRAME

PENNSYLVANIA 1
DECORATIVE FRAME



PENNSYLVANIA 2 (L) (R)

The option to order in mirror image.

PENNSYLVANIA 2
DECORATIVE FRAME
(L) (R)

The option to order in mirror image.

PENNSYLVANIA 3
DECORATIVE FRAME
(L) (R)

The option to order in mirror image.

PENNSYLVANIA 4

Only glass with matt foil available.

PENNSYLVANIA 5 (L) (R)

The option to order in mirror image.

PENNSYLVANIA 6

Only glass with matt foil available.

L - Left **R** - Right **C** - Center - configuration of the pattern position relative to the center of the panel.
* Flush-mounted Inox application on the sheet surface.

ALUMINIUM DOORS EXTRA EQUIPMENT

The functions, utility values, aesthetics, functionality and comfort of using the doors are also determined by extra equipment in the form of hinges, anti-burglary fittings, rosettes, thresholds, or smart control access systems. The wide range of choices can meet with all door designs.

DOORS WITH ALIGNED PANEL

Both-side aligned panel, 77 mm thick.

DOORS WITH BATCH PANEL

36 mm thick batch panel.

EXTRA OPTIONS AVAILABLE:

Sandblasted glass.

Hidden hinges invisible when the door is closed.

Anti-theft bolt.

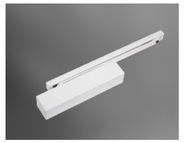
Panel with cutters of 6 mm and more width (12 mm as standard).

Ring rosette, emergency function insert.

Stainless steel INOX application.

"Day/night" type of solutions.

Smart access systems.*



Door closer

*More at p. 95.

AVAILABLE COLOUR SCHEME

RAL 7016 MATT AND 9016 MATT AS STANDARD

A wide range of powder-coated finishes is available, including textured metallic colours, matt finishes and special effects. We can help you compare options and coordinate the door finish with the rest of your glazing package.

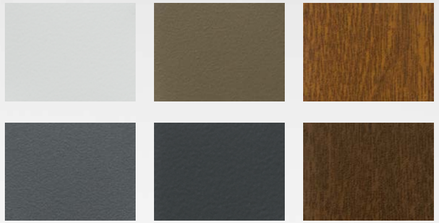
COLOUR PALETTE

ILLUSTRATIVE METALLIC PAINTS WITH STRUCTURE

Get a modern industrial vibe.

ILLUSTRATIVE SMOOTH MATT PAINTS

Create an aesthetic matt finish.



ALUMINIUM SYSTEM

Facade with venetian blinds, MB-86 SI doors with fanlight, New York 2 model, anthracite colour.

Facade with venetian blinds, MB-86 SI doors with sidelight and fanlight, Texas INOX model, light grey colour.

ALUMINIUM SYSTEM

Facade with venetian blinds, MB-86 SI doors with sidelight and fanlight, Pennsylvania 4 model, anthracite colour.

Aluminium facade, MB-86 SI doors with sidelight and fanlight, New York 1 model, anthracite colour.

PVC DOORS

Our PVC door range uses IGLO systems, with profiles produced from primary material. A choice of Renolit foil finishes, infill designs, hardware and additional options allows the doors to be coordinated with the exterior and interior of the building.

INFILLS p. 54

COLOUR SCHEME p. 64

EXTRAS p. 78

IGLO EDGE SYSTEM

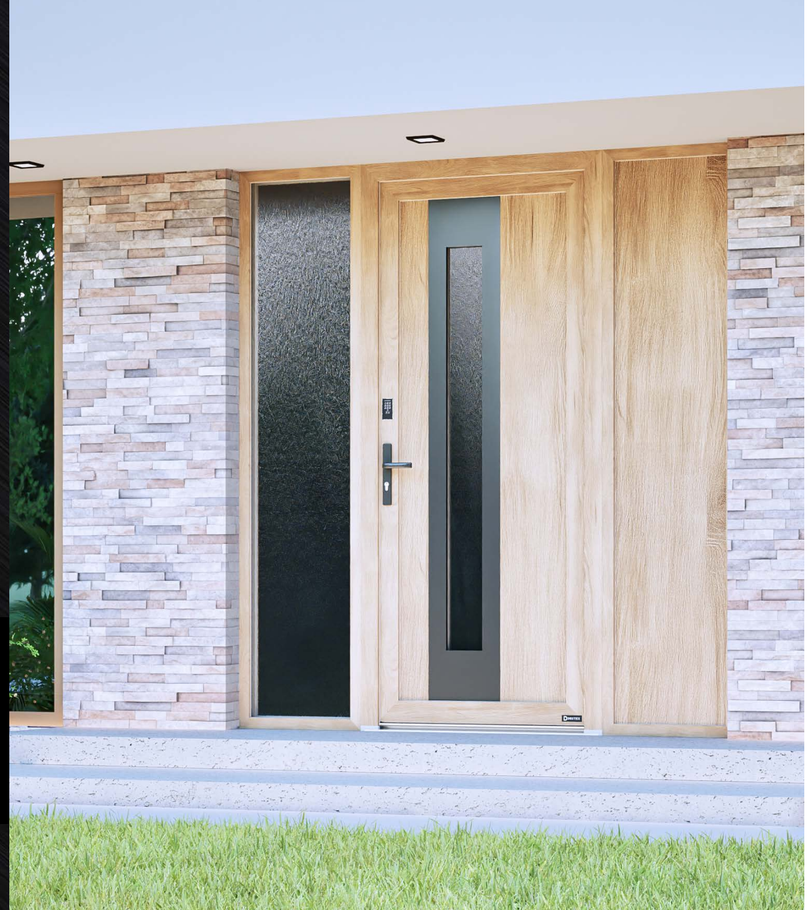
Our new, most technologically advanced window is distinguished by an excellent thermal insulation parameter of Uw = 0,66 W/(m2K)* and a modern, angular profile shape. The extremely good thermal insulation parameters are due, among other things, to the 7-chamber profile design and 3 EPDM gaskets, including the central gasket.

V — The option of producing the doors using V-Perfect technology (so-called thin weld).

TECHNICAL DATA

82 mm	24-48 mm	Ud = 0,81 W/(m²K)*
installation depth	Input panel thickness	thermal transmittance

* More data at p. 111.



SYSTEM STRUCTURE

Frame made of 7-chamber PVC system.
Installation depth of the system amounts to 82 mm.

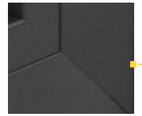
Extra Options Available:

- Swisspacer Ultimate warm spacing edge in 3 colour variants.
- Client proposed infill design made of mullions, glass and infill panel.
- A wide range of Renolit foil colours on white and brown core (p. 64).
- 3-winged hinges.
- 22,5 mm to 49,5 mm thick infill (glass) and 24, 36 or 48 mm thick batch panel.
- Glass with increased acoustic insulation, toughened, laminated (safety and anti-burglary), ornamental, sun protective, and sandblasted glass.
- Sidelights (p. 100-101).
- An espagnolette with a motor, equipping it to work with a smart access system.
- A “day/night” type of espagnolette (recommended when choosing a pull handle).

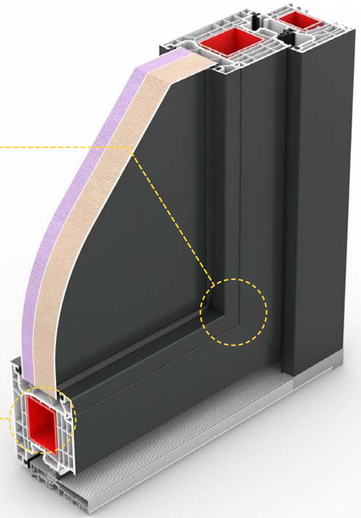
* 1 mm aluminium thermal break available as an option

S As Standard:

- 3-point espagnolette
- 3 two-winged hinges
- Ug = 0,5 W/(m²K)
- threshold with a thermal break
- aluminium handle
- mounting insert



The option to choose V-Perfect weld.



Equipped with full 2-millimeter reinforcement in the frame and leaf (closed).

IGLO ENERGY SYSTEM

Iglo Energy doors are synonymous to modern design, energy efficiency, beautiful model manufacture, aesthetics and perfect functionality. Great thermal insulation parameters of the doors are a result of using high quality constructional materials, as well as including a specially designed threshold with a thermal break and innovative sealing system.

V The option of producing the doors using V-Perfect technology (so-called thin weld).

TECHNICAL DATA

82 mm
installation depth

Ud = 0,8 W/(m²K)*
thermal transmittance

* More data at p. 111.

SYSTEM STRUCTURE

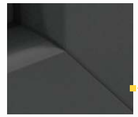
Frame made of 7-chamber PVC system.
Installation depth of the system amounts to 82 mm.

Extra Options Available:

- Swisspacer Ultimate warm spacing edge in 3 colour variants.
- Client proposed infill design made of mullions, glass and infill panel.
- The option of producing the doors using V-Perfect technology (so-called thin weld).
- A wide range of Renolit foil colours on white and brown core (p. 64).
- 3-winged hinges.
- 22,5 mm to 49,5 mm thick infill (glass) and 24, 36 or 48 mm thick batch panel.

S As Standard:

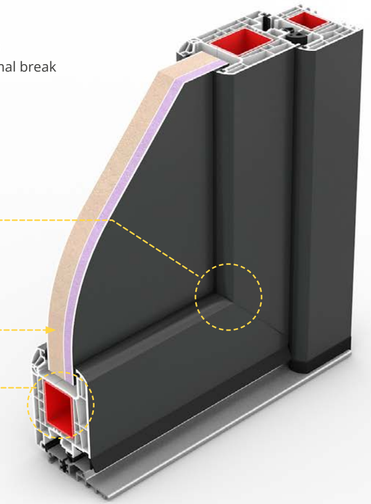
- 3-point espagnolette
- 3 two-winged hinges
- Ug = 1,1 W/(m²K) glass
- threshold with a thermal break
- aluminium handle.



The option to choose V-Perfect weld.

24, 36 or 48 mm thick batch panel.

Equipped with full 2-millimetre reinforcement in the frame and leaf (closed profile).



- Glass with increased acoustic insulation, toughened, laminated (safety and anti-burglary), ornamental, sun protective, and sandblasted glass.
- Sidelights (p. 100-101).
- An espagnolette with a motor, equipping it to work with a smart access system.
- A “day/night” type of espagnolette (recommended when choosing a pull handle).

* 1 mm aluminium thermal break available as an option

IGLO 5 SYSTEM

These have a perfect combination of aesthetics, innovative solutions and functionality. The doors are equipped with an aluminium threshold with a thermal break as standard.

V The option of producing the doors using V-Perfect technology (so-called thin weld).

TECHNICAL DATA

70 mm
installation depth

Ud = 1,0 W/(m²K)*
thermal transmittance

* More data at p. 111.

SYSTEM STRUCTURE

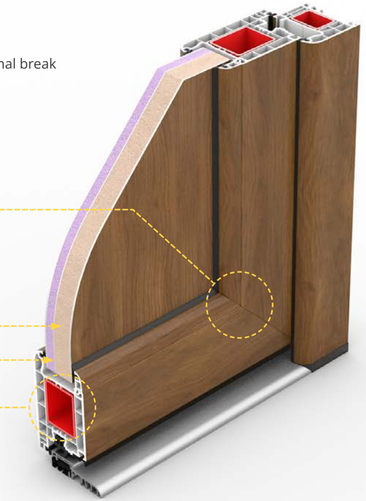
Frame made of 5-chamber PVC system.
Installation depth of the system amounts to 70 mm.

Extra Options Available:

- Swisspacer Ultimate warm spacing edge in 3 colour variants.
- Client proposed infill design made of mullions, glass and infill panel.
- The option of producing the doors using V-Perfect technology (so-called thin weld).
- A wide range of Renolit foil colours on white and brown core (p. 64).
- 22,5 mm to 41 mm thick infill (glass) and 24 or 36 mm thick batch panel.

S As Standard:

- 3- point espagnolette
- 3 two-winged hinges
- Ug = 1,1 W/(m²K) glass
- threshold with a thermal break
- aluminium handle
- mounting insert
- opening to the inside.



The option to choose V-Perfect weld

24 or 36 mm thick batch panel

1 mm aluminium thermal break as an option

Equipped with full 2-millimeter reinforcement in the frame and leaf (closed).

Smart Home

- Glass with increased acoustic insulation, toughened, laminated (safety and anti-burglary), ornamental, sun protective, and sandblasted glass.
- 3-winged hinges.
- Sidelights (p. 100-101).
- A “day/night” type of espagnolette (recommended when choosing a pull handle).

PVC DOORS INFILL DESIGNS

A range of infill designs is available for PVC doors. Choose the glazing, panel design and finish to suit the building and its interior, with coordinated options across the door package.

Each glazing spacer bar is available in grey (INOX) or black.

ALASKA 1 DECORATIVE FRAME

ALASKA 1

ALASKA 2 DECORATIVE FRAME

ALASKA 2

ARIZONA 1 DECORATIVE FRAME

ARIZONA 1

L - Left **R** - Right **C** - Center - configuration of the pattern position relative to the centre of the panel.

PVC DOORS INFILL DESIGNS

Each glazing spacer bar is available in grey (INOX) or black.

ARIZONA 2
DECORATIVE FRAME

ARIZONA 2

ALASKA 4
DECORATIVE FRAME

ALASKA 4

FLORIDA
DECORATIVE FRAME
(L) (R)

The option to order in mirror image.

FLORIDA
(L) (R)

CALIFORNIA 1
DECORATIVE FRAME
(L) (R) (C)

The option to order in mirror image.

CALIFORNIA 1
(L) (R) (C)

L - Left **R** - Right **C** - Center - configuration of the pattern position relative to the centre of the panel.

PVC DOORS INFILL DESIGNS

Each glazing spacer bar is available in grey (INOX) or black.

COLORADO DECORATIVE FRAME

COLORADO

HAWAII 1

HAWAII 2 DECORATIVE FRAME

HAWAII 3 DECORATIVE FRAME

MONTANA 1 DECORATIVE FRAME

MONTANA 1

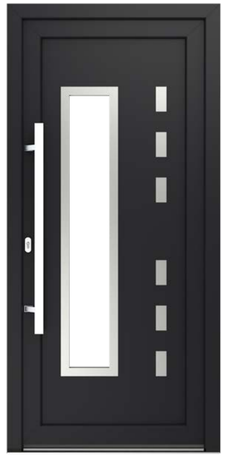
MONTANA 2 DECORATIVE FRAME (L) (R)

The option to order in mirror image.

L - Left **R** - Right **C** - Center - configuration of the pattern position relative to the centre of the panel.

PVC DOORS INFILL DESIGNS

Each glazing spacer bar is available in grey (INOX) or black.



MONTANA 3 DECORATIVE FRAME (L) (R)

The option to order in mirror image.

MONTANA 3 (L) (R)

The option to order in mirror image.

NEBRASKA DECORATIVE FRAME (L) (R) (C)

The option to order in mirror image.

NEBRASKA (L) (R) (C)

The option to order in mirror image.

OHIO DECORATIVE FRAME

OHIO

TEXAS DECORATIVE FRAME (L) (R) (C)

TEXAS (L) (R) (C)

L - Left **R** - Right **C** - Center - configuration of the pattern position relative to the centre of the panel.

PVC DOORS INFILL DESIGNS

Each glazing spacer bar is available in grey (INOX) or black.

PENNSYLVANIA 1 DECORATIVE FRAME

PENNSYLVANIA 1

PENNSYLVANIA 2 DECORATIVE FRAME (L) (R)

The option to order in mirror image.

PENNSYLVANIA 2 (L) (R)

The option to order in mirror image.

PENNSYLVANIA 3 DECORATIVE FRAME (L) (R)

The option to order in mirror image.

PENNSYLVANIA 3 (L) (R)

The option to order in mirror image.

NEW JERSEY DECORATIVE FRAME

Only available with steel rail.

NEW JERSEY

Only a steel spacing edge can be used.

L - Left **R** - Right **C** - Center - configuration of the pattern position relative to the centre of the panel.

PVC DOORS COLOURS

The rich Iglo Energy and Iglo 5 doors colour scheme combined with the wide range of infills allows for almost unlimited possibilities of matching the design and aesthetics of the doors to the client's personal preferences and needs. The excellent quality of the Renolit foils used in the production guarantees the highest quality, colour durability and lasting.

* Printout may differ from reality.

FRAMELITE

IGLO ENERGY SYSTEM

Windows and doors with sidelights, produced in Iglo Energy system, anthracite colour.

Windows and doors with sidelights, produced in Iglo Energy system, RS Styrofoam roller shutters, light grey colour.

IGLO ENERGY SYSTEM

Iglo HS, PSK Iglo Energy, TEXAS Inox front doors with fanlight, anthracite colour.

Iglo HS, PSK Iglo Energy, TEXAS INOX front doors with fanlight and sidelight, anthracite colour.

SOFTLINE 68, 78, 88 WOODEN DOORS

Exterior wooden doors in the Softline system made of pine or meranti wood are distinguished, not only by their high quality and elegance, but they also meet rigorous constructional requirements, simultaneously ensuring a high level of security and comfort of use.

CHARACTERISTICS p. 72

COLOUR SCHEME p. 75

EXTRAS p. 78

SOFTLINE 68, 78, 88 SYSTEM DOORS

These timber doors use laminated wood for strength and dimensional stability. The range includes 68, 78 and 88 mm profiles, combining natural timber finishes with insulated construction. An aluminium threshold with a thermal break is included as standard.

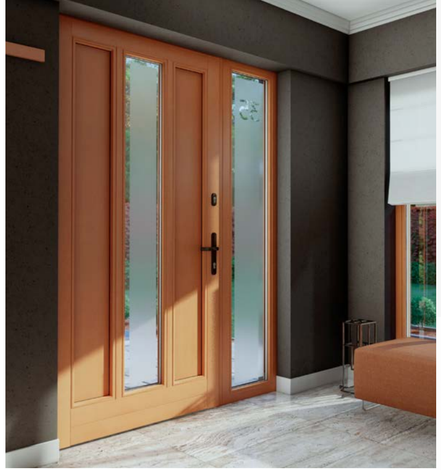
TECHNICAL DATA

68, 78, 88 mm
installation depth

dla 68 Ud=1,1 W/(m²K)*
dla 78 Ud=0,9 W/(m²K)**
dla 88 Ud=0,85 W/(m²K)***
thermal transmittance

Ud values for single-leaf doors 1100 x 2300 mm:
* for 68 mm with 4/10/4/10/4 glazing and Swisspacer Ultimate spacer
** for 78 mm with 4/16/4/16/4 glazing and Swisspacer Ultimate spacer
*** for 88 mm with 4/18/4/18/4 glazing and Swisspacer Ultimate spacer

* More data at p. 111.



SYSTEM STRUCTURE

The doors are made of three-layer or four-layer square timber based on meranti or pine wood. The installation depth amounts to 68 mm.

Extra Options Available:

- Swisspacer Ultimate warm spacing edge in 3 colour variants.
- Client proposed infill design made of mullions, glass and infill panel (p. 108-109).
- The choice of colour from azure and opaque paints (p. 75).
- The addition of sidelights (p. 100-101).
- The addition of 24 mm to 32 mm thick glass.

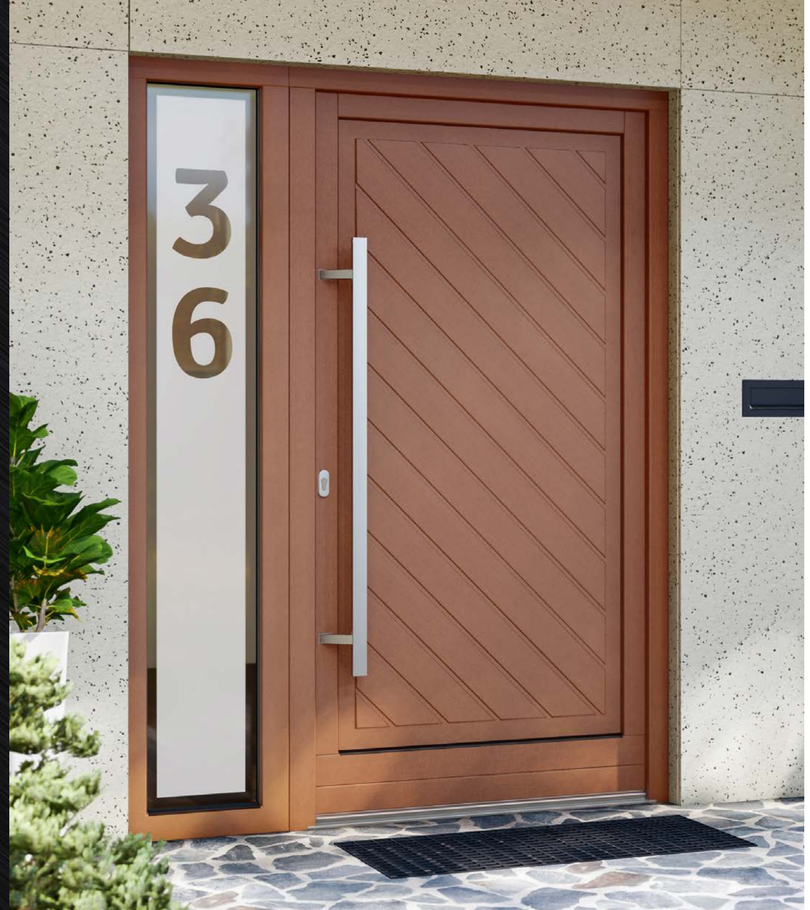
S As Standard:

- 3- point espagnolette
- 3 roller hinges
- 3 gaskets
- Ug from 0,5 to 1,1 W/(m²K) glass
- azure and opaque paints
- threshold with a thermal break
- aluminium handle
- mounting insert

- Possibility of appliyng horizontal, vertical and oblique cutters.
- Possibility of producing 140 mm thick leaf (110 mm as standard).
- The addition of glass with increased acoustic insulation, toughened, laminated (safety and anti-burglary), ornamental, sun protective, and sandblasted glass.

WOODEN DOORS COLOUR SCHEME

The rich range of opaque paints, provides 100% protection for the wooden structure. Transparent paints (azure) emphasise the structural characteristics of the given wood type and display the appropriate tint at the same time. The wooden exterior doors are a perfect solution for clients who value not only classic designs but also modern trends.



PINE
ILLUSTRATIVE COLOURS

White (opaque)

Light Oak

Teak

Mahogany

Dark Oak

Nut

Palisander

Colorless

Depending on the type of wood used, the colour may differ f rom the pattern.

*Printout may differ from reality.

MERANTI
ILLUSTRATIVE COLOURS

Light Oak

White (opaque)

Meranti Mahogany

Teak

Nut

Dark Oak

Palisander

Colorless

Additionally, non-standard opaque colors according to the RAL palette and translucent finishes according to the Sikkens color range are available. Unpainted joinery is also offered – either with a colorless wood preservative or as raw wood.

SOFTLINE 68 SYSTEM

Windows and doors with sidelight and fanlight, produced in Softline 68 system, meranti wood, light oak colour.

Windows and doors with sidelight and fanlight, produced in Softline 68 system, meranti wood, palisander colour.

GLASS

When choosing the front doors with glass, it is necessary to take into account the different types of glass available, ranging from energy-saving through acoustic, safe, anti-burglary, sun protective and also glass with limited transparency, ornamental and matt.

GLASS TYPES

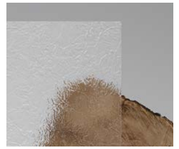
Matt

Sandblasted stripes*

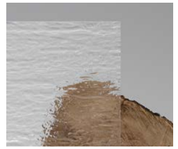
Reflektofloat brown 6 mm

Reflektofloat blue 6 mm

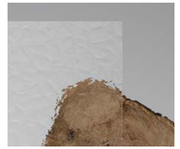
Chinchilla Ornament



Delta Ornament

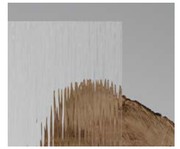


Silvit Ornament



Cathedral Ornament

Master Carre Ornament



Rain Ornament

Antisol Green

Antisol Brown

Antisol Grey

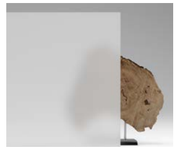
Antisol Blue

Float 4, 6, 8, 10 mm
Option of applying thermal coating.

Laminated Glass
Option of applying thermal coating.

Black Line

Mirastar



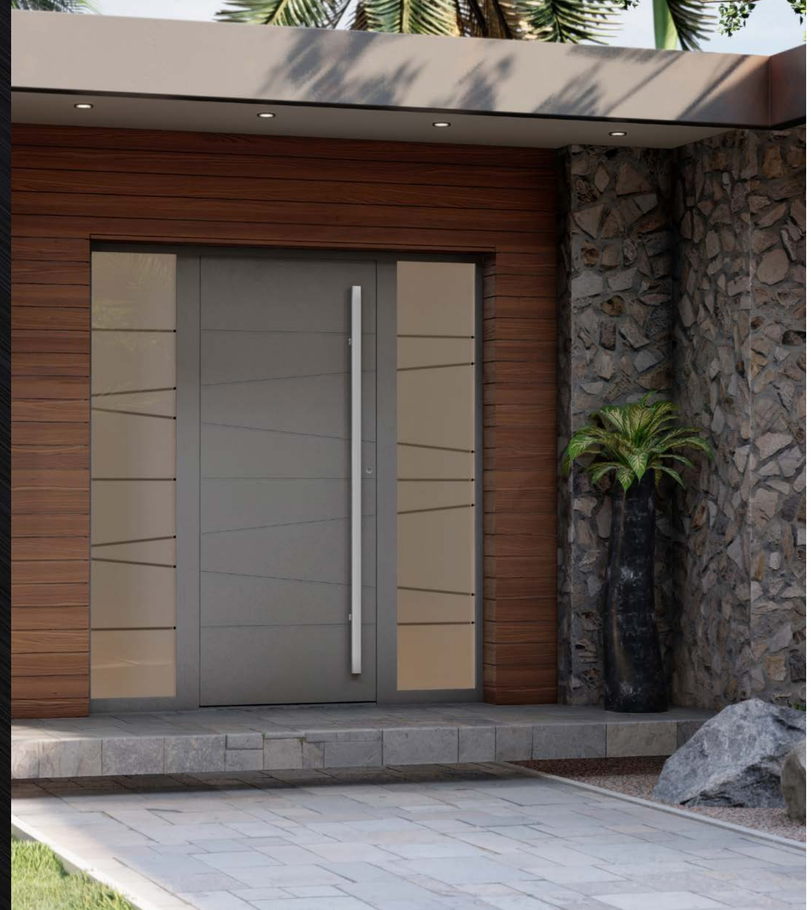
Satin matt

* For sandblasted glass, please contact Framelite to discuss the available options.

SANDBLASTED GLASS

NEW!

New technology of sandblasted glass production allows achievements in high levels of individualism and personalisation of door projects. Besides the wide range of standard patterns, it is possible to produce any graphics. Notably, the sandblasting process can be applied on both sides of the glass.



ILLUSTRATIVE PATTERNS OF SANDBLASTING

- possibility of making any graphics in agreement with the manufacturer
- possibility of sandblasting in 3 tints of grey

Tint 1 Tint 2 Tint 3

Example no. 1

Example no. 2

Example no. 51

Example no. 52

Example no. 5

Example no. 6

Example no. 32

Example no. 53

ILLUSTRATIVE PATTERNS OF SANDBLASTING

- possibility of making any graphics in agreement with the manufacturer
- possibility of sandblasting in 3 tints of grey

Example no. 9

Example no. 10

Example no. 11

Example no. 26

Example no. 13

Example no. 14

Example no. 15

Example no. 54

Example no. 17

Example no. 18

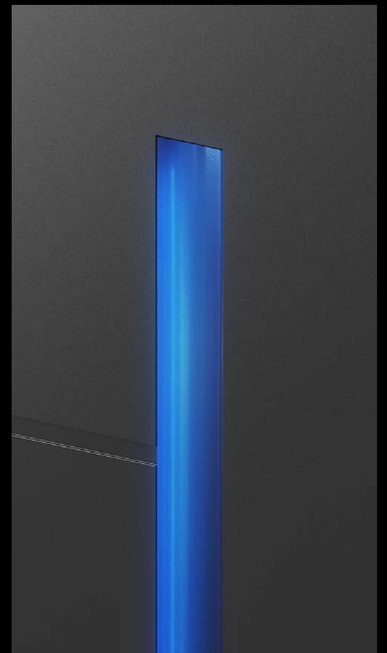
Example no. 19

Example no. 20

Example no. 56

PULL HANDLES

Pull handles used for front doors are distinguished not only by their high aesthetic properties, but also by their functionality and durability. It is highly recommended to include with the pull handles: “day/night” espagnolette and smart access systems, which further enhance the functionality.



FRAMELITE

HANDLES

Handles used for front doors are distinguished not only by their high aesthetic properties, but also by functionality and durability. Because of the large range of colour variants, it is possible to match handles with both the door and building colours.

FRAMELITE

ACCESS CONTROL

Optional access control and security equipment can be specified to suit the project. We can advise on compatible systems and hardware for the selected door configuration.

Doors equipped with smart access control systems guarantee both, functionality and comfort of use.

Fingerprint reader, keyboard, and RFID.

Ekey keyboard (black).

Ekey keyboard (steel).

IDENCOM keyboard.

INDECOM RFID reader.

INDECOM fingerprint reader.

SOMMER reader.

EKEY fingerprint reader (steel).

Fingerprint EKEY dLine

SMART HOME

Open and close doors remotely or on site! TaHoma Somfy automatics allow for adjustment of all home devices to meet the client's needs.

Advantages

With a smartphone, clients can achieve constant supervision and, if necessary, access to systems installed in the house at any time of the day or night.

DOORBOX SYSTEM

Open doors, wickets, gates, control lighting, roller shutters and venetian blinds from any place in the world.

doorbox

Integrated, miniature driver of: electric bolts, electro-catches, and safety valves intended for access control.

Advantages

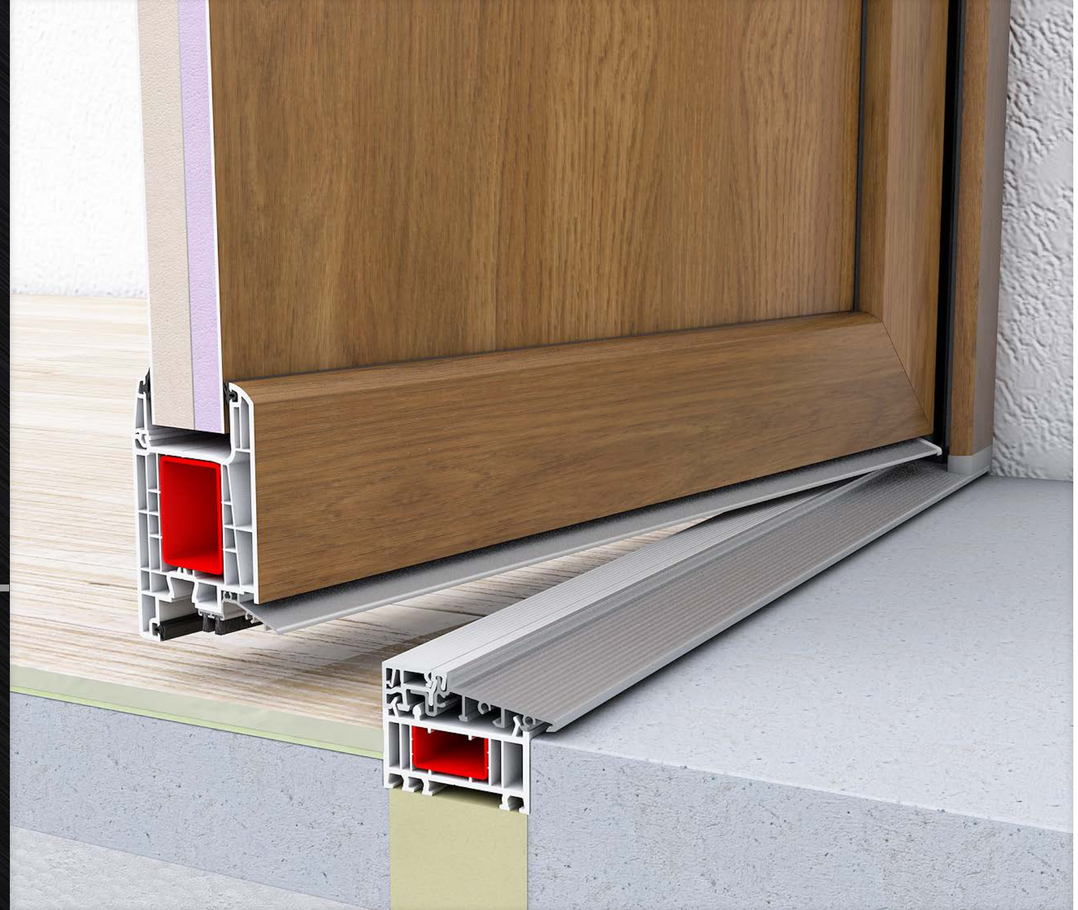
- works with virtually all electric locks on the market.
- allows the allocation of access to multiple people--family, gardener, friends.
- does not require any extra devices.
- allows the control of multiple access points from a single application.
- close/open control in real time.

Home Application for a Smartphone

Using the wBox home application with a smartphone enables management of all automatics in the garden or home. This can be accessed from the internet with the home WiFi or from anywhere in the world.

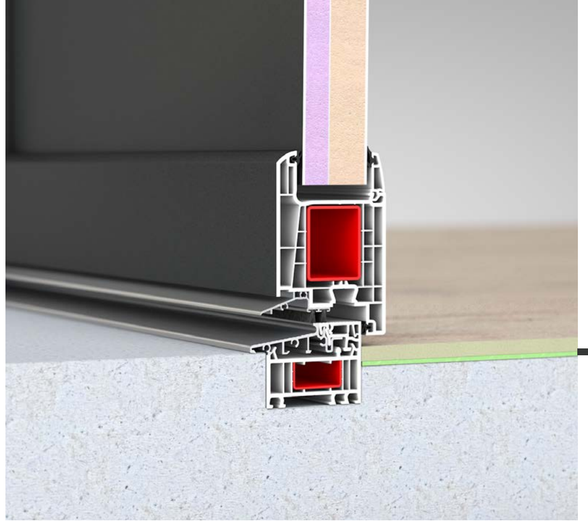
THRESHOLDS

The threshold is an extremely important element of the doors. Not only, does it determine the energy efficiency values of the system, but also the comfort of use.



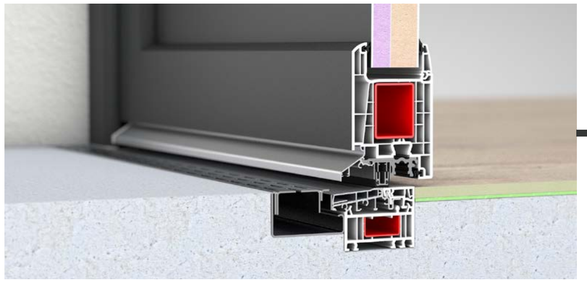
Aluminium Threshold with a Thermal break

Used mainly for exterior doors, perfectly stiffens the structure and improves the comfort of use.



Combi Threshold

It is a perfect fit for interior and exterior doors, distinguished by very good thermal insulation values.



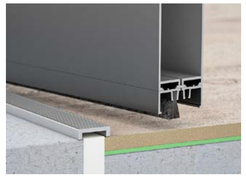
Zero Threshold

Combi Plan 0 mm threshold. May be aligned with the finished floor, with the option to use with linear drainage.

TYPES OF THRESHOLDS FOR INDIVIDUAL SYSTEMS

MB-45

Threshold with a visor (as standard).



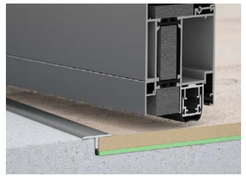
Low threshold (7,5 mm high).

No threshold, brush.

Threshold with an automatic gasket.

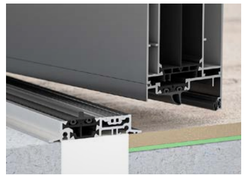
MB-79N SI

Standard threshold.

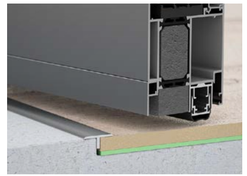


Threshold with an automatic gasket.

MB-86 SI



Standard threshold.



Threshold with an automatic gasket.

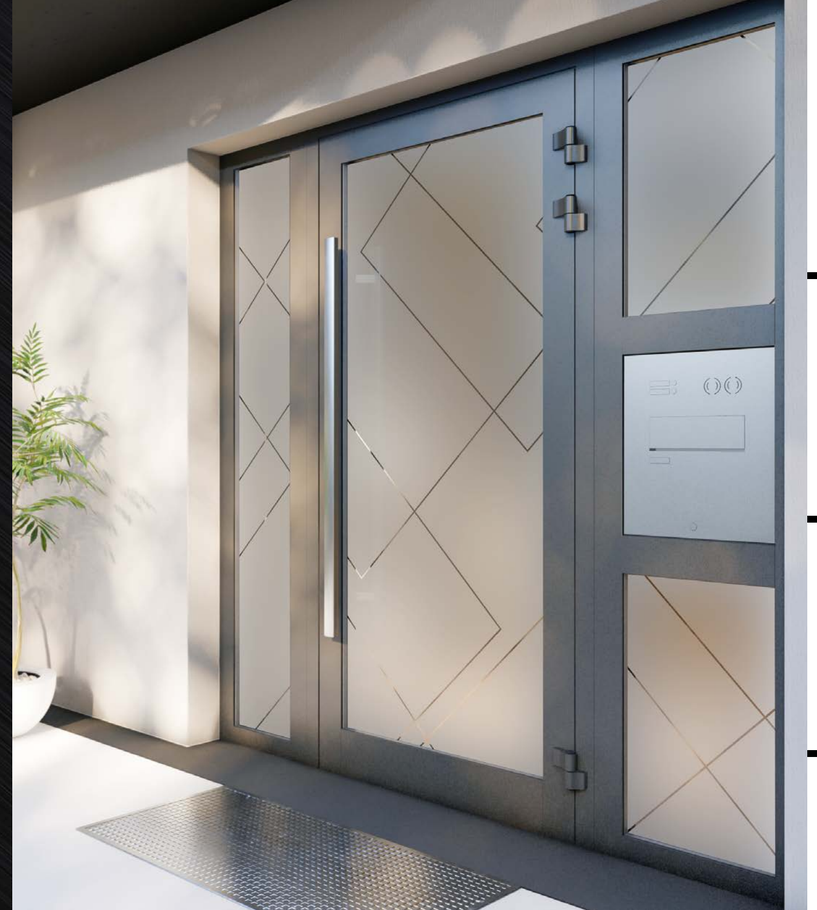
SOFTLINE 68

Standard threshold.

EXTRA EQUIPMENT

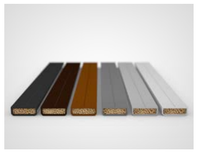
Modern exterior doors fulfil many different functions and the choice of elements constituting the extra equipment in the form of letterboxes, hinges, spyholes, or so called self-closers, determines the aesthetics, durability, and comfort of use.

Letterbox



OTHER

Spyhole



Swisspacer Ultimate warm edge available colours:

Electro-catches

Locking sensor

HINGES

Roller hinge for aluminium

3-winged hinge for aluminium

Hidden hinge for aluminium

3-winged hinge for PVC

SELF-CLOSERS

DORMA TS PROFILE
Standard rail or with a blockage. Available colours: white, grey, black.

DORMA TS93 BASIC
Standard rail or with a blockage. Available colours: white, grey, brown, black.

GEZE BOXER.

DOORS WITH EXTRA SECURITY EQUIPMENT

Safe front doors are an investment of peace and comfort in life for residents. Aluminium exterior doors, produced in accordance with the RC2 norm, provide safety, design, and acoustic insulation simultaneously. Anti-burglary doors are secure from being opened with tools such as crowbars or screwdrivers. Available also in the PVC system.

ESPAGNOLETTE

Doors equipped with an automatic espagnolette is an investment in security, as it provides increased protection. An espagnolette guarantees constant pressure on the entire height of the doors, which results in tightness and thermal insulation. The easy and silent closure is another important feature, because of the standard cranked pawls.

INSERT PLATE WITH ANTI-BURGLARY PROTECTION

Ensures anti-drill protection. Available only and exclusively in MB-86 SI system doors in the RC2 anti-burglary class.

Automatic Door Espagnolette

The option of integration with a motor and access control system.

Anti-theft Pins

A class C lock cylinder is used in the RC2 system.

ROSETTE SOBINCO DO RC2

MB-78 EI FIRE-RATED DOORS

An undesirable event, that is feared and planned to avoid, is a fire. When in the home, fire-rated doors may be useful in separating the boiler room from the rest of the house. The use of fire-rated doors in large construction projects, such as office buildings and factories, is a necessary requirement. These doors close fire zones, limiting losses in the case of fire and in many situations protecting human life.

FIRE-RATED

The MB-78 EI system combines aluminium profiles and special thermal breaks to achieve fire resistance classes from EI30 to EI60, depending on the tested configuration. We will confirm the applicable classification for your proposed door assembly.

ADVANTAGES:

- thermally insulated aluminium profiles with a depth of 78 mm
- fire-rated glass, with options to choose from a range of glass types
- fittings meeting fire-rated requirements
- special swelling and ceramic sealing, preventing smoke and fire access
- wide range of RAL colours, special colours and structures (p. 40-41)
- 20 mm to 45 mm and 47 mm to 49 mm thick glass infill.

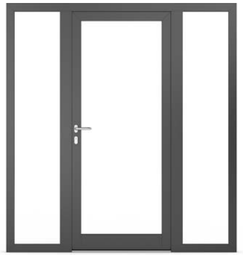
DOOR CONSTRUCTIONS

Modern architecture often requires the construction of doors to have varied dimensions, shapes, or specifications. Not only do these elements determine the appearance, but also the usability, the stability and durability of the doors.

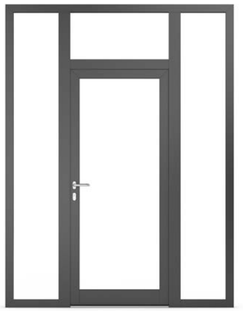
THE OPTION OF SIDELIGHT(S)

Option No. 1

Option No. 2



Option No. 3



Option No. 4

Option No. 5

Option No. 6

Option No. 7

ANTI-PANIC FITTINGS

Security in a specific building can depend on quick and efficient evacuation. With the effect of pressure, panic, and real threats, public buildings have to provide for the evacuation of premises in the shortest possible time. Therefore, the anti-panic fittings used in doors is a product which directly influences security, health and life.

SURFACE

Anti-panic rod meeting the highest standards of security.

GROOVE

Option of applying anti-panic rod or handle.

FRAMELITE

MULLIONS IN ALUMINIUM AND PVC DOORS

EXAMPLES OF MULLION PATTERNS

Example No. 1

Example No. 2

Example No. 3

Example No. 4

Example No. 5

Example No. 6

Example No. 7

Example No. 8

FRAMELITE

Mullions can improve door stability while creating a choice of glazing divisions and individual design patterns.

EXAMPLES OF MULLION PATTERNS

Example No. 9

Example No.10

Example No. 11

Example No. 12

Example No. 13

Example No. 14

Example No. 15

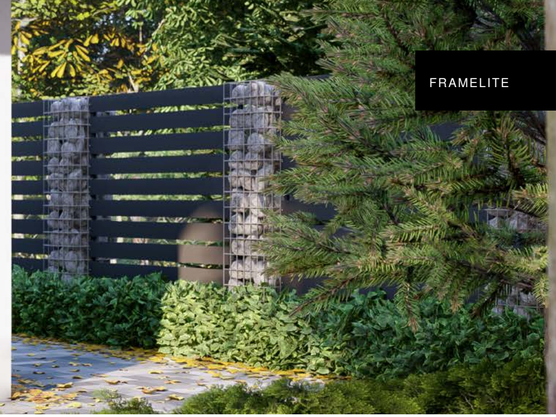
Example No. 16

FRAMELITE

MULLIONS IN WOODEN DOORS

SOFTLINE 68, 78, 88

A wide range of mullion patterns allows for stylistic consistency with the exterior and interior architecture of the building.



Example No. 1

Example No. 2

Example No. 3

Example No. 4

Example No. 5

Example No. 6

Example No. 7

Example No. 8

SYSTEM COMPARISON

INFORMATION	MB-86N SI	MB-79N SI	MB-45	MB-78 EI FIRE-RATED	IGLO EDGE	IGLO ENERGY	IGLO 5	SOFTLINE 68, 78, 88
MATERIAL	ALUMINIUM	ALUMINIUM	ALUMINIUM	ALUMINIUM	PVC	PVC	PVC	MERANTI or PINE
COLOURS	RAL mat, RAL fine structure, RAL metallic, wood-like, anodes	RAL mat, RAL fine structure, RAL metallic, wood-like, anodes	RAL mat, RAL fine structure, RAL metallic, wood-like, anode	RAL mat, RAL fine structure, RAL metallic, wood-like, anodes	Renolit	Renolit	Renolit	RAL and AZURE colours
INSTALLATION DEPTH	77 mm	70 mm	45 mm	78 mm	82 mm	82 mm	70 mm	68, 78, 88 mm
UD	Ud=0,83 W/(m²K)*	Ud=1,0 W/(m²K)**	internal application	Ud=1,7 W/(m²K)*****	Ud=0,8 W/(m²K)**	Ud=0,8 W/(m²K)**	Ud=1,0 W/(m²K)***	for 68 Ud=1,1 W/(m²K)**** for 78 Ud=0,9 W/(m²K)*** for 88 Ud=0,85 W/(m²K)**
V-PERFECT WELD	No	No	No	No	Yes*******	Yes******	Yes******	Nie
INFILL	15-60 mm (glass) 36 mm (batch panel) 77 mm (overlay panel)	16-53 mm (glass) 36 mm (batch panel)	6-28 mm (glass)	20-45 mm (glass) 47-49 mm (glass) batch panel	22,5-49,5 mm (glass) 48 mm (batch panel) Custom configuration of mullions, glazing, and panel	22,5-49,5 mm (glass) 48 mm (batch panel) own design with mullions, glass and panel	22,5-41 mm (glass) 36 mm (batch panel) own design with mullions, glass and panel	24-54 mm (glass) own design with mullions, glass and panel
STANDARD ESPAGNOLETTE	3-point automatic	3-point automatic	3-point automatic	single lock	3-point automatic	3-point automatic	3-point automatic	3-point hook
ESPAGNOLETTE WITH AN EXTRA CHARGE	„day/night" type of espagnolette, 5-piont lock, 1 lock	„day/night" type of espagnolette, 5-piont lock, 1 lock	„day/night" type of espagnolette, 5-piont lock, 1 lock	1 lock	„day/night" type of espagnolette, hook and bolt	„day/night" type of espagnolette, hook and bolt	„day/night" type of espagnolette, hook and bolt	3-point automatic 5-point hook
STANDARD HINGES	3 two-winged hinges for both-side aligned doors	3 two-winged hinges	3 two-winged hinges	3 or 4 two-winged hinges	3 two-winged hinges	3 two-winged hinges	3 two-winged hinges	3 roller hinges
HINGE OPTIONS	3-winged, roller, hidden hinges	3-winged, roller, hidden hinges	3-winged hinges	3-winged hinge	3-winged hinge	3-winged hinge	3-winged hinge	4 or 5 rollers

Calculation of the Ud coefficient carried out for a single-leaf doors with dimensions of 1100x2300 mm, applies to p. 98:
* for doors in WASHINGTON ZERO model with both-side aligned panel.
** glass with argon and Swisspacer Ultimate TMP4/U18/FL4/U18/TMP4 spacing edge.

Calculation of the Ud coefficient carried out for a single-leaf doors with dimensions of 1100x2300 mm, applies to p. 99:
** glass with argon and Swisspacer Ultimate TMP4/U18/FL4/U18/TMP4 spacing edge.
*** glass with argon and Swisspacer Ultimate TMP4/U14/FL4/U14/TMP4 spacing edge.
**** glass with argon and Swisspacer Ultimate TMP4/U10 /FL4/U10/TMP4 spacing edge.
****** Polflam glass EI30/S16/TMP4 ESG with galvanised steel spacing edge.
******* solution available with an extra charge depending on the market, in Poland without extra charge.
******** V-Perfect available everywhere at no extra cost.

FRAMELITE

VISION ENCASED IN ELITE FRAMES

FRAMELITE

Your glazing. All together.

One point of contact from the first enquiry to final installation.

01

Specification & selection

We review your drawings and requirements, explain the available systems and help you choose the right doors, glazing and finishes.

02

Technical coordination

We coordinate surveys and project drawings, working through opening sizes, thresholds and interfaces with the surrounding construction.

03

Supply & installation

We bring the glazing package together, coordinate delivery and specialist installation, and keep you informed as the project progresses.

ARCHITECTS / CONTRACTORS / HOMEOWNERS

FRAMELITE
VISION ENCASED IN ELITE FRAMES

LET'S TALK ABOUT YOUR PROJECT

From a first idea to the final detail.

Share your drawings, dimensions or preferred designs with us.
We will help you explore the options and plan the next steps.

Contact Framelite

sales@framelite.co.uk

07983 536 260

www.framelite.co.uk

Specification / Technical design / Supply / Installation

Framelite Ltd | Entrance Doors
Product designs and technical information: DRUTEX. Final specifications and availability are confirmed for each project.