



EXTERIOR DOORS

MADE OUT OF PASSION
AND EXPERIENCE



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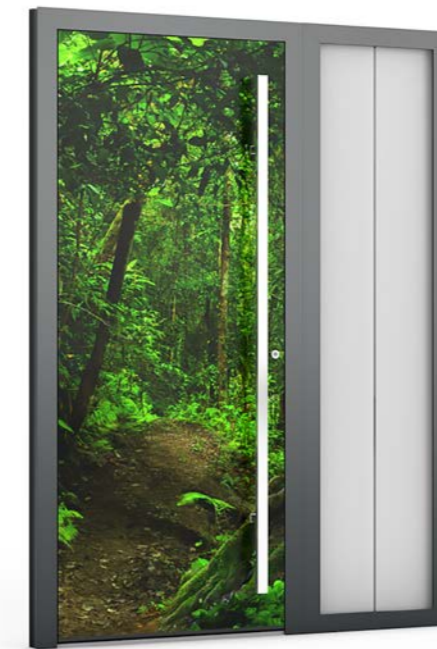
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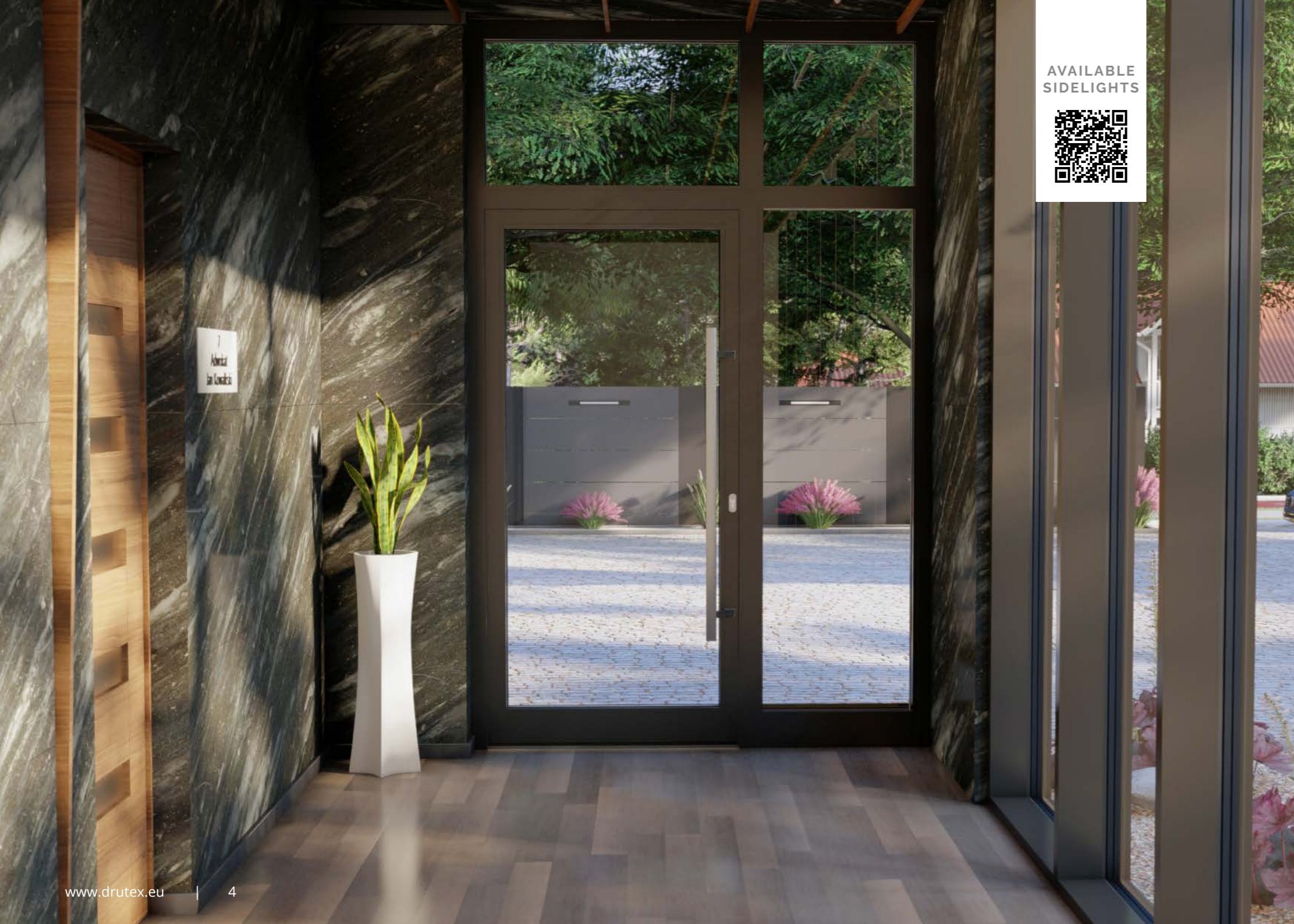


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SYSTEM COMPARISON 102

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AVAILABLE
SIDELIGHTS



ALUMINIUM DOORS

Drutex aluminium doors are a great choice for supporters of innovative technologies, with varied arrangement and utility possibilities, modern design and security. Components and equipment, used in the process of production, combined with the highest quality standards, allowed to create products that meet the ideas and needs of the most demanding customers.

INFILLS

p. 16

EXTRAS

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COLOUR SCHEME

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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 = 0,9 W/(m²K)*

thermal
transmittance







* More data at p. 102.



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.

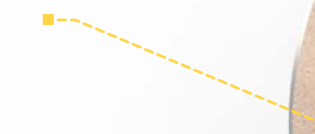
Extra Options Available:





-  Swisspacer Ultimate warm spacing edge in 3 colour variants.
-  3-winged, roller and hidden hinges (invisible when the door is closed).
-  Sidelights (pp. 92-93).
-  A wide range of RAL colours, special colours and structures (pp. 34-35).
-  Both-side alignment.
-  15 mm to 60 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
- 3 roller hinges for two-sided aligned panel
- Ug = 1,1 W/(m²K) glass
- warming insert
- RAL 7016 and 9016 matt paint
- threshold with a thermal break
- aluminium handle
- mounting insert.

77 mm thick both-side aligned batch panel.



-  Burglary resistant glass according to the norms, meeting RC2 requirements (for doors without sidelights).
-  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).



MORE
INFORMATION



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

installation
depth



$U_d = 0,9 \text{ W}/(\text{m}^2\text{K})^*$

thermal
transmittance






* More data at p. 102.



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 and hidden hinges (invisible when the door is closed).
-  Sidelights (pp. 92-93).
-  A wide range of RAL colours, special colours and structures (pp. 34-35).
-  16 mm to 54 mm thick infill (glass) and 36 mm thick batch panel.

S As Standard:

- 3-point espagnolette
- 3 two-winged hinges
- $U_g = 1,1 \text{ W}/(\text{m}^2\text{K})$ glass
- warming insert
- threshold with a thermal break
- RAL 7016 and 9016 matt paint
- aluminium handle
- mounting insert.

36 mm thick
batch panel.



D



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).



**MORE
INFORMATION**



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. 102.



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.

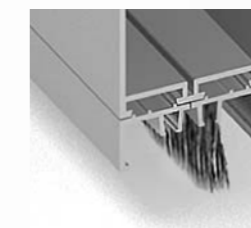
Extra Options Available:

-  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 (pp. 34-35).
-  6 mm to 24,5 mm thick infills.

S As Standard:

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

24.5 mm thick glass.



Brush or threshold as standard, depending on the application.

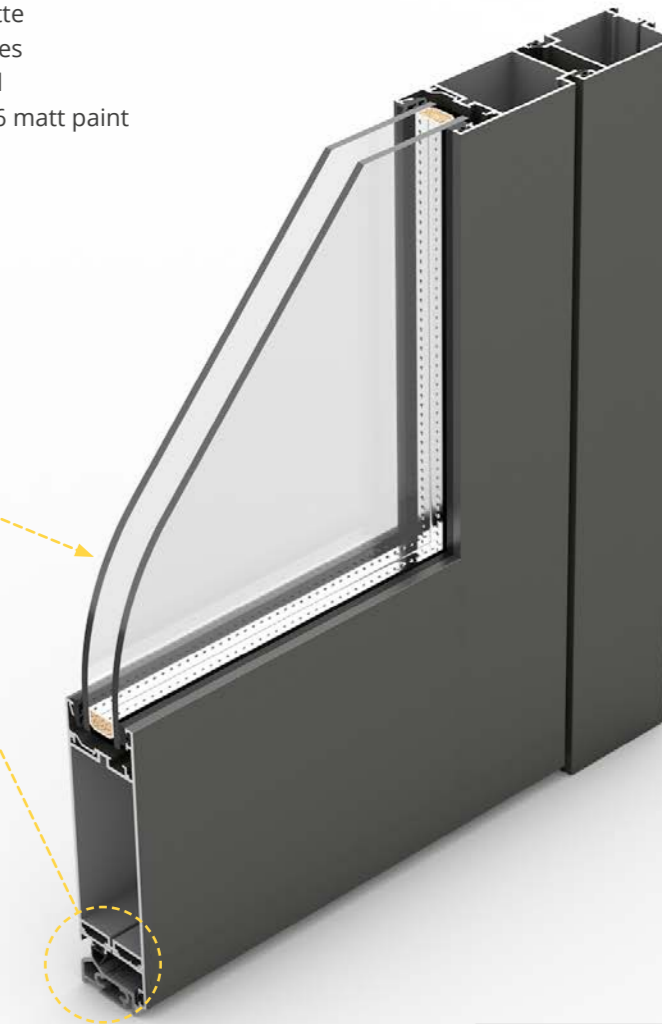


Glass with increased acoustic insulation, toughened, laminated (safety and anti-burglary), ornamental, sun protective, and sandblasted glass.



Sidelights (pp. 92-93).

D



MORE
INFORMATION



STAR SYSTEM

Doors in this system are characterised by their great thermal insulation. Therefore, they are recommended for low-energy buildings and buildings undergoing thermo-modernisation. The doors are equipped with a threshold with a thermal break.

TECHNICAL DATA



90 mm

installation
depth



$U_d = 0,8 \text{ W}/(\text{m}^2\text{K})^*$

thermal
transmittance

* More data at p. 102.



SYSTEM STRUCTURE

Installation depth of the system amounts to 90 mm. It is characterised, among others, by an innovative system of draining water from the construction (no visible elements covering the drainage holes), a new standard of glass and profile overlapping. The increased depth improves thermal and constructional properties of the system.

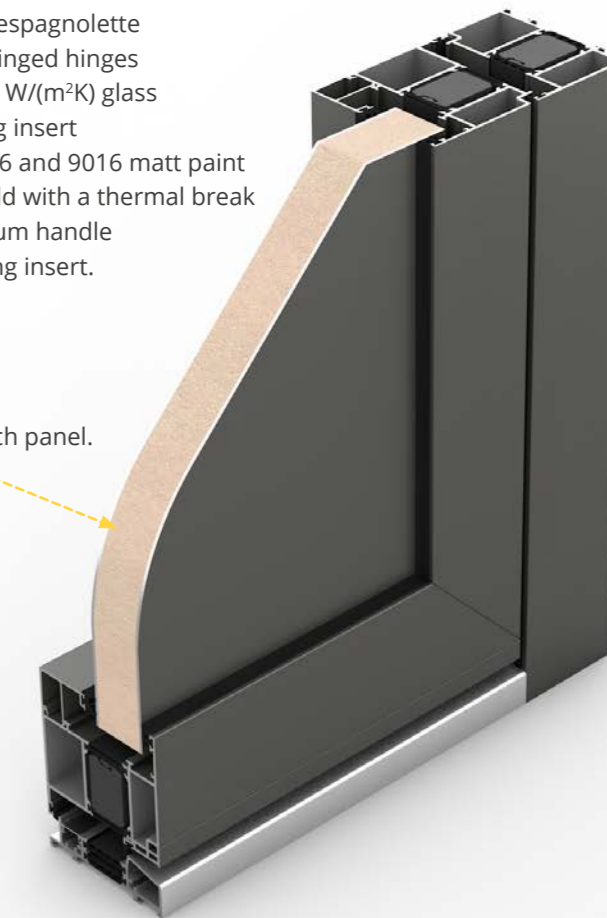
Extra Options Available:

- Swisspacer Ultimate warm spacing edge in 3 colour variants.
- 3-winged, roller, and hidden hinges (invisible when the door is closed).
- A wide range of RAL colours, special colours and structures (pp. 34-35).
- 22,5 mm to 56 mm thick infill (glass) and 36 mm thick batch panel.

S As Standard:

- 3-point espagnolette
- 3 two-winged hinges
- $U_g = 1,1 \text{ W}/(\text{m}^2\text{K})$ glass
- warming insert
- RAL 7016 and 9016 matt paint
- threshold with a thermal break
- aluminium handle
- mounting insert.

36 mm thick batch panel.



Glass with increased acoustic insulation, toughened, laminated (safety and anti-burglary), ornamental, sun protective, and sandblasted glass.



Sidelights (pp. 92-93).



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).



MORE
INFORMATION



GENESIS 75 SYSTEM

Single or double leaf doors produced in this system are characterised by their high energy-saving properties. The applied sealing reduces the level of air infiltration and increases the level of water tightness. The doors are equipped with an aluminium threshold with a thermal break, which significantly increases the parameters of thermal insulation of the door system.

TECHNICAL DATA



75 mm
installation
depth



Ud = 0,9 W/(m²K)*
thermal
transmittance

* More data at p. 103..



SYSTEM STRUCTURE

The leaf and frame sections thickness amounts to 75 mm. The system is characterised by high values in terms of ergonomics and aesthetics.

Extra Options Available:

- Swisspacer Ultimate warm spacing edge in 3 colour variants.
- 3-winged, roller, and hidden hinges (invisible when the door is closed).
- A wide range of RAL colours, special colours and structures (pp. 34-35).
- 22,5 mm to 56 mm thick infills (glass) and 36 mm thick batch panel.

S As Standard:

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

36 mm thick batch panel.



D



Glass with increased acoustic insulation, toughened, laminated (safety and anti-burglary), ornamental, sun protective, and sandblasted glass.



Sidelights (pp. 92-93).



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).



MORE
INFORMATION



ALUMINIUM DOORS INFILL DESIGNS

In the aluminium doors offer, Drutex has several dozen infill models available, with glazing or stainless steel applications. Due to the wide range, doors can be perfectly designed to compliment the building style and architecture. Varied colour options, depending only on the client's taste, enables almost infinite arrangement possibilities. 4-glass package as standard.



Panels without cutters may be equipped with steel application.



MAXIMAL AND MINIMAL
DOORS AND INFILLS
DIMENSIONS.



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.

ALUMINIUM DOORS INFILL DESIGNS



WASHINGTON POCKET (L) (R)



ALASKA 1



ALASKA 1
INOX



ALASKA 2



ALASKA 2
INOX



ALASKA 3 (L) (R)

The option to order in mirror image.



ARIZONA 1



ARIZONA 1
INOX

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

ALUMINIUM DOORS INFILL DESIGNS



ARIZONA 2



ARIZONA 2
INOX



CALIFORNIA FIVE (L) (R) (C)



CALIFORNIA FIVE (L) (R) (C)
INOX



CALIFORNIA SIX (L) (R) (C)



CALIFORNIA SIX (L) (R) (C)
INOX

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



ALUMINIUM DOORS INFILL DESIGNS



**COLORADO 1 (C)
INOX**

The option to choose option without INOX.



FLORIDA 1 (L) (R)

The option to order in mirror image.



**FLORIDA 1 (L) (R)
INOX**

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.



HAWAII 1

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



ALUMINIUM DOORS INFILL DESIGNS



**HAWAII 1 (C)
INOX**



**HAWAII 2 (C)
INOX**



**HAWAII 3 (C)
INOX**



HAWAII 4



HAWAII 5 (L) (R)

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



HAWAII PART (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.



ALUMINIUM DOORS INFILL DESIGNS



MONTANA 1



MONTANA 4



MONTANA WOOD

Wood design only from the outside.



**MONTANA 1
INOX**



**MONTANA 2 (R) (L)
INOX**

The option to order in mirror image.



**MONTANA 3 (R) (L)
INOX**

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.



ALUMINIUM DOORS INFILL DESIGNS



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 (L) (R) (C)
INOX**

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



**NEW JERSEY 1
INOX**

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



TEXAS (L) (R) (C)



**TEXAS (L) (R) (C)
INOX**

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.

ALUMINIUM DOORS INFILL DESIGNS



**OHIO
INOX**



**PENNSYLVANIA 1
INOX**



PENNSYLVANIA 2 (L) (R)
The option to order in mirror image.



**PENNSYLVANIA 2 (L) (R)
INOX**
The option to order in mirror image.



**PENNSYLVANIA 3 (L) (R)
INOX**
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.

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 available
only for batch panels.



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



Ring rosette, emergency
function insert.



Stainless steel INOX
application.



Stainless steel rosette.



"Day/night" type of
solutions.



Smart access systems.*

*More at p. 79.

AVAILABLE COLOUR SCHEME

**RAL 7016 MATT AND 9016 MATT
AS STANDARD**

In the interest of producing the highest quality doors, based on one of the world's most modern powder coating plants, Drutex offers a wide range of paint coatings colours. Among them, depending on the expected aesthetics, metallic paints with structure, matt paints, or even paints ensuring special effects.

COLOUR PALETTE

RAL and Aluprof Colour
Collection*.



ILLUSTRATIVE SMOOTH MATT PAINTS

Create an aesthetic matt finish.

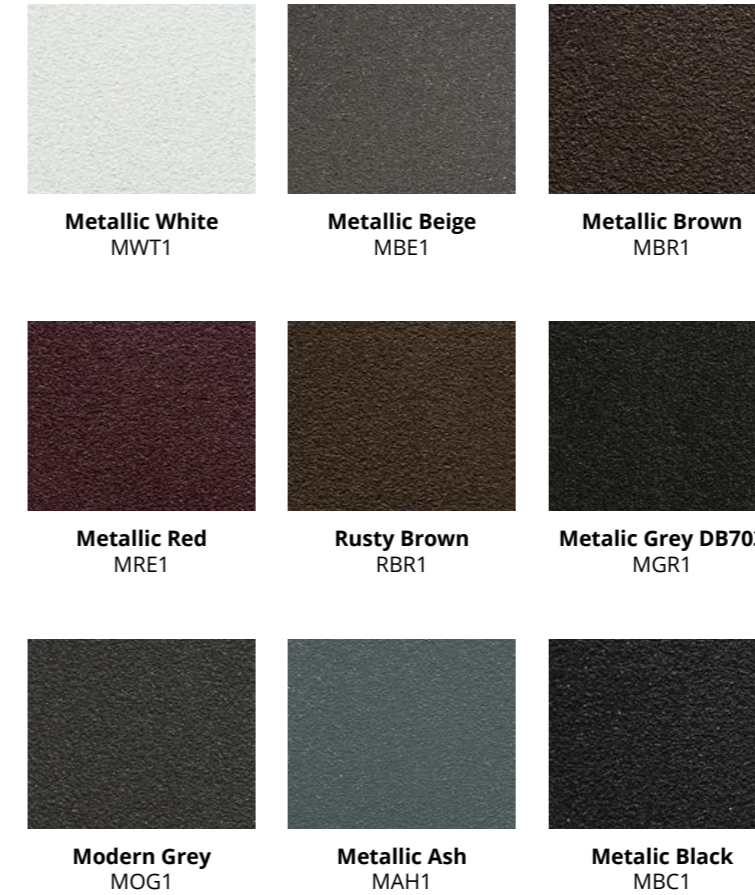


Pearl colours:

1035 | 1036 | 2013 | 3032 | 3033 | 4011 | 4012 | 5025 | 5026 | 6035 | 6036 | 7048 | 8029 | 9022 | 9023
possible to make with an extra charge.

ILLUSTRATIVE METALLIC PAINTS WITH STRUCTURE

Get a modern industrial vibe.



UNAVAILABLE RAL COLOURS (up-to-date list at your dealer):

1035 | 1036 | 2013 | 3032 | 3033 | 4011 | 4012 | 5025 | 5026 | 6035 | 6036
7048 | 8029 | 9022 | 9023 | 1026 | 2005 | 2007 | 3024 | 3026 | 6038.

ILLUSTRATIVE SPECIAL EFFECT PAINTS

Noble finish in accordance with the nature.



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, Montana 2 model, anthracite colour.





PVC DOORS

Drutex's PVC doors are based on the original IGLO systems produced only from primary material guaranteeing optimal parameters in terms of stability, durability, lasting, and energy efficiency. Its additional advantage is the high acoustic insulation level. Owing to the wide colour scheme based on reputable Renolit foils, varied infills and modern fittings, as well as multiple extra equipment options, the doors can perfectly match a building's architecture and interior aesthetics.

INFILLS

p. 46

COLOUR SCHEME

p. 52

EXTRAS

p. 74

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.



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

TECHNICAL DATA



82 mm

installation
depth



$U_d = 0,8 \text{ W}/(\text{m}^2\text{K})^*$

thermal
transmittance

* More data at p. 103.



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 (pp. 52-53).
- 3-winged hinges.
- 22,5 mm to 49,5 mm thick infill (glass) and 36 mm thick batch panel.

S As Standard:

- 3-point espagnolette
- 3-point espagnolette
- $U_g = 1,1 \text{ W}/(\text{m}^2\text{K})$ glass
- threshold with a thermal break
- aluminium handle.

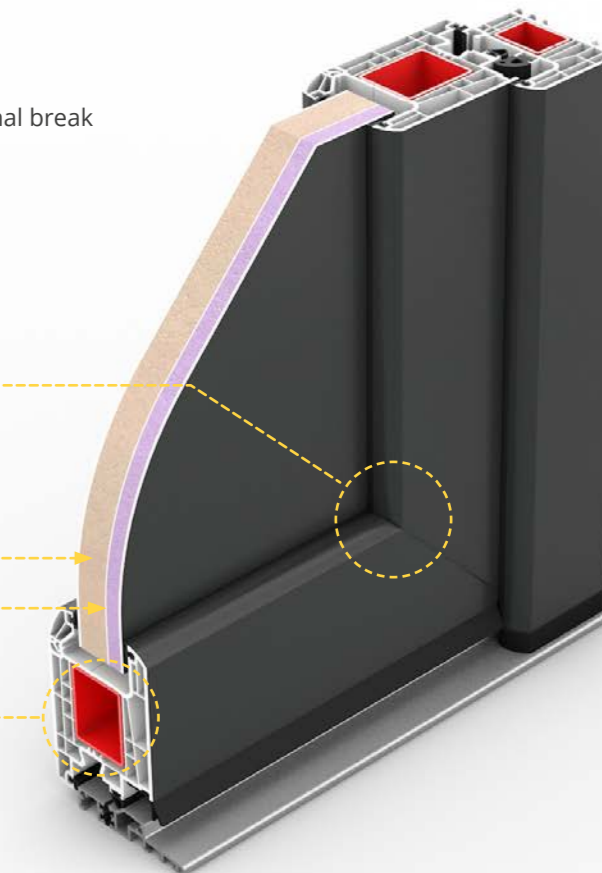


The option to choose V-Perfect weld.

36 mm thick batch panel.

2 mm reinforcement.

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



- Glass with increased acoustic insulation, toughened, laminated (safety and anti-burglary), ornamental, sun protective, and sandblasted glass.
- Sidelights (pp. 92-93).
- 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).

MORE
INFORMATION



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.



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. 103.



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 (pp. 52-53).
- 22,5 mm to 41 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
- aluminium handle
- mounting insert
- opening to the inside.



The option to choose V-Perfect weld.

36 mm thick batch panel.

2 mm reinforcement.

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



- Glass with increased acoustic insulation, toughened, laminated (safety and anti-burglary), ornamental, sun protective, and sandblasted glass.
- 3-winged hinges.
- Sidelights (pp. 92-93).
- A "day/night" type of espagnolette (recommended when choosing a pull handle).



MORE
INFORMATION



PVC DOORS INFILL DESIGNS

In Drutex's offer, there are many infill models dedicated to PVC doors. These models enable the design to be adopted to the aesthetics of the house or apartment interior, as well as to the form of the building, allowing for architectural consistency.

INFILL
DESIGNS



**ALASKA 1
INOX**



**ALASKA 2
INOX**



**ARIZONA 1
INOX**



**ARIZONA 2
INOX**



FLORIDA INOX (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



**CALIFORNIA 1 (L) (R) (C)
INOX**

The option to order in mirror image.



**COLORADO
INOX**



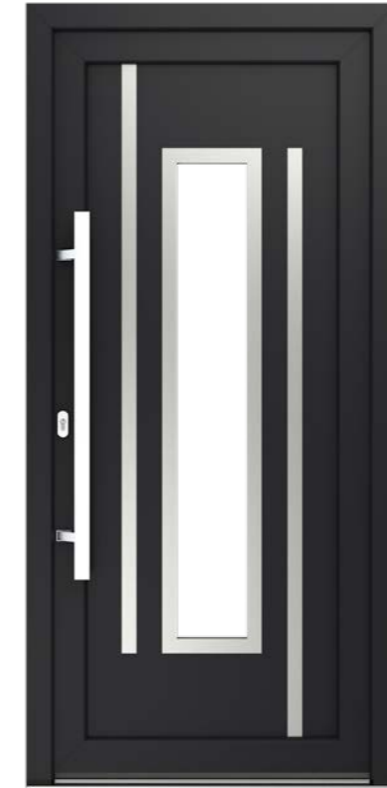
**HAWAII 2
INOX**



**HAWAII 3
INOX**



**MONTANA 1
INOX**



**MONTANA 2 (L) (R)
INOX**

The option to order in mirror image.



**MONTANA 3 (L) (R)
INOX**

The option to order in mirror image.



**NEBRASKA (L) (R) (C)
INOX**

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



**OHIO
INOX**



**TEXAS (L) (R) (C)
INOX**



**PENNSYLVANIA 1
INOX**



**PENNSYLVANIA 2 (L) (R)
INOX**

The option to order in mirror image.



**PENNSYLVANIA 3 (L) (R)
INOX**

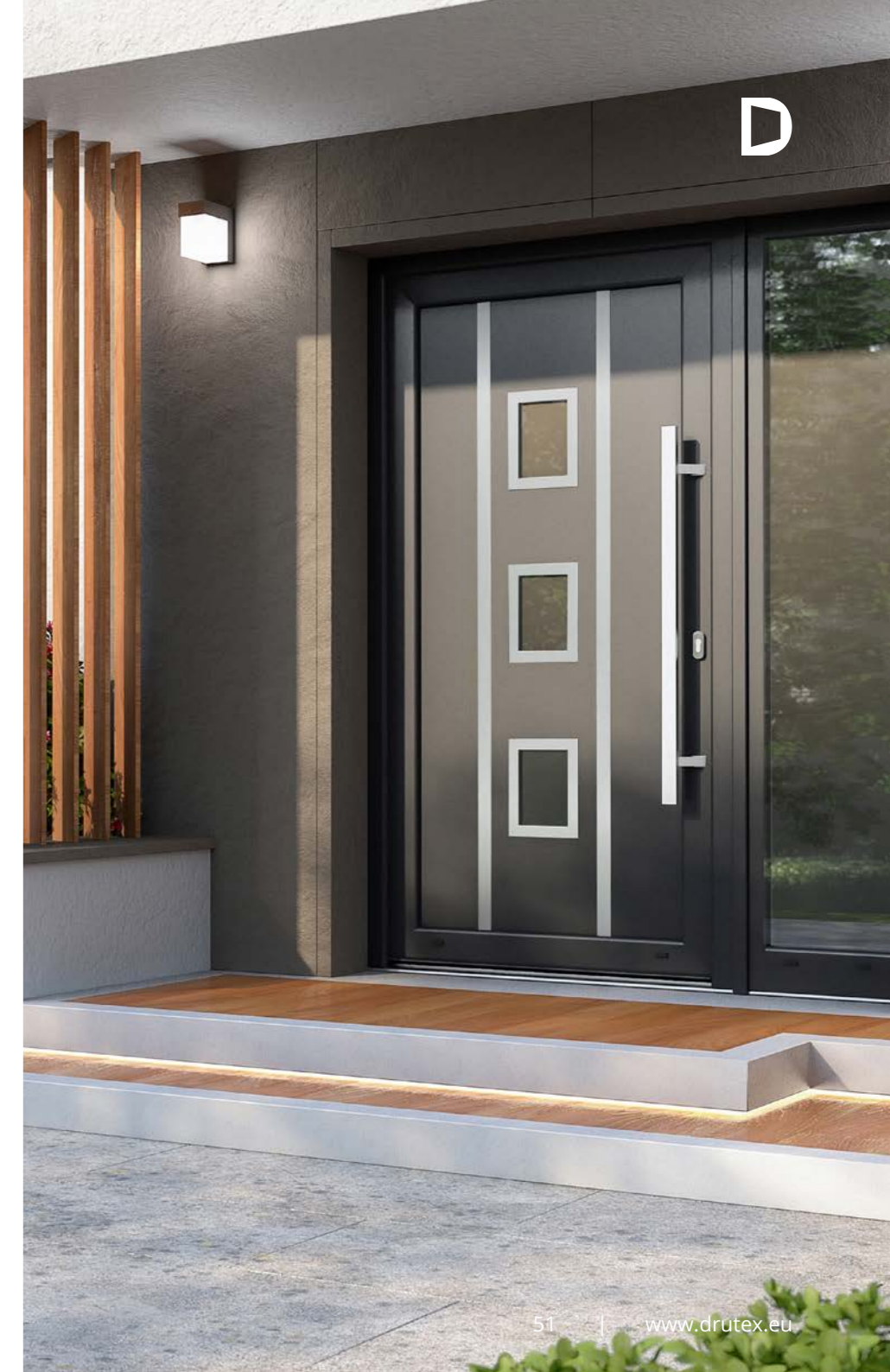
The option to order in mirror image.



**NEW JERSEY
INOX**

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.

RENOLIT FOILS ILLUSTRATIVE COLOURS



Brush Effect Aluminium
1298702-195



Concrete Grey
702305-167



Basalt Grey Smooth
701205-097



Crown Platinum
9.1293001-195



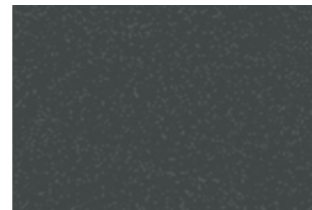
Light Grey
725105-167



Anthracite Ulti-Matt
02.20.71.000001-504700



Quartz Grey Smooth
703905-097



Slate
1.0065002-097



Slate Grey Smooth
02.11.71.000040-097



Black Ulti-Matt
02.20.01.000002-504700

* Printout may differ from reality.



Creamy
137905-167



Quartz Grey
703905-167



Dark Red
308105-167



Green Moss
600505-167



White FX
915205-168



Anthracite
701605-167



Chocolate Brown
887505-167



Natural Oak
3118076-167



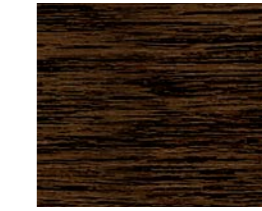
Oregon
2115008-167



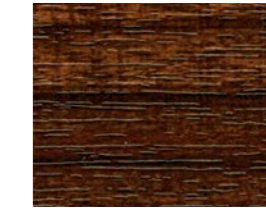
Palisander
851805-167



Douglas
3152009-167



Dark Oak
2052089-167



Macore
3162002-167



Mahogany
2097013-167



Grey
715505-167



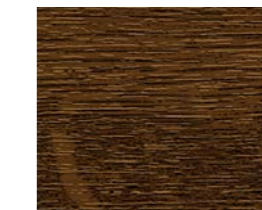
Anthracite Smooth
701605-097



Golden Oak
2178001-167



Basalt Grey
70125-097



Nut
2178007-167



Sheffield Oak
F 456-3081



Winchester
49240015-148



Dark Green
612505-167

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 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. 60

COLOUR SCHEME

p. 62

EXTRAS

p. 74

SOFTLINE 68 SYSTEM DOORS

The highest quality wood used for production, glued in 3 layers, 68 mm thick, are the basis of classic design, high durability, high stability of the doors and the highest production quality. Drutex wooden doors, nevertheless, are more than just elegant in design and sophisticated in look, they are also excellently insulated. The doors are equipped with an aluminium threshold with a thermal break, as standard.

TECHNICAL DATA



68 mm

installation
depth



$U_d = 1,1 \text{ W}/(\text{m}^2\text{K})^*$

thermal
transmittance






* More data at p. 103.



SYSTEM STRUCTURE




The doors are made of three-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 (pp. 100-101).
-  The choice of colour from azure and opaque paints (pp. 62-63).
-  The addition of sidelights (pp. 92-93).
-  The addition of 24 mm to 32 mm thick glass.

S As Standard:

- 3- point espagnolette
- 3 roller hinges
- $U_g = 1,1 \text{ W}/(\text{m}^2\text{K})$ glass
- azure and opaque paints
- threshold with a thermal break
- aluminium handle
- mounting insert.

-  Possibility of applying 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.



MORE
INFORMATION

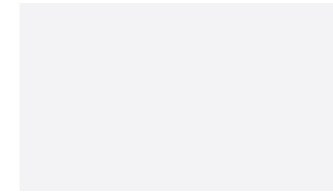


WOODEN DOORS COLOUR SCHEME

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

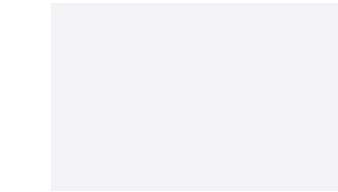
i Depending on the type of wood used, the colour may differ from the pattern.

*Printout may differ from reality.

MERANTI ILLUSTRATIVE COLOURS



Light Oak



White (opaque)



Meranti Mahogany



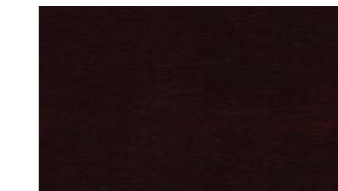
Teak



Nut



Dark Oak



Palisander

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.



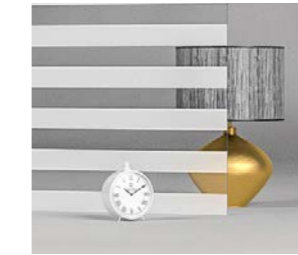
MORE DESIGNS



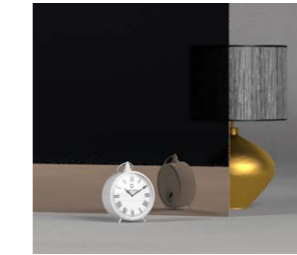
GLASS TYPES



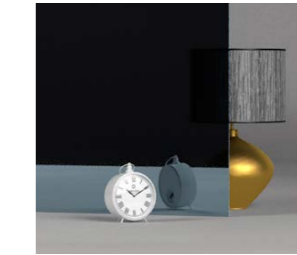
Matt



Sandblasted stripes



Reflektofloat brown 6 mm



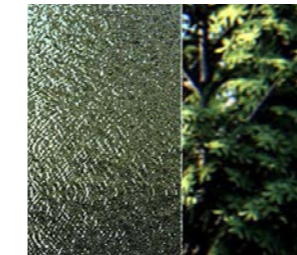
Reflektofloat blue 6 mm



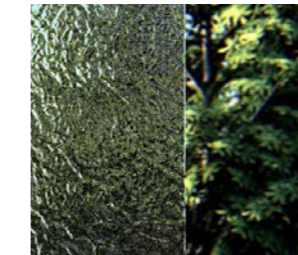
Float 4, 6, 8, 10 mm
Option of applying thermal coating.



Laminated Glass
Option of applying thermal coating.



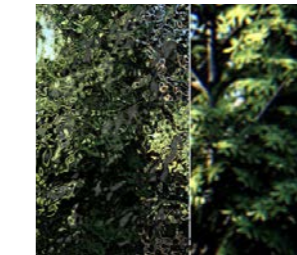
Chinchilla Ornament



Delta Ornament



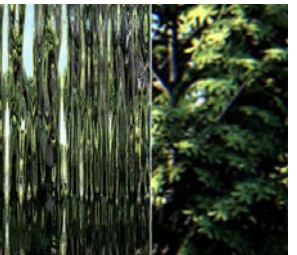
Silvit Ornament



Cathedral Ornament



Master Carre Ornament



Rain Ornament



Antisol Green



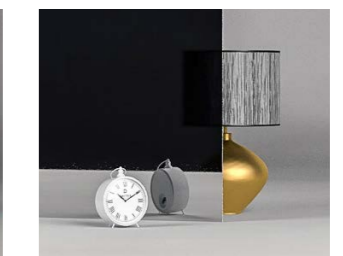
Antisol Brown



Antisol Grey



Antisol Blue



Mirastar

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.



MORE DESIGNS



ILLUSTRATIVE PATTERNS OF SANDBLASTING

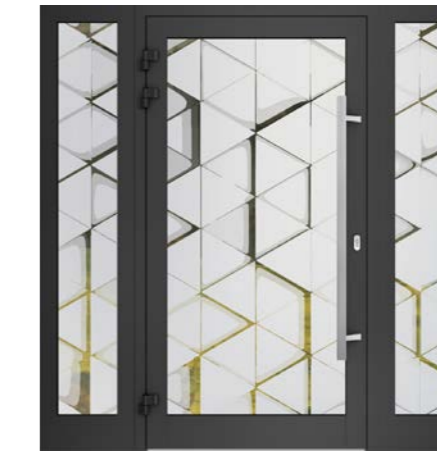
- i** possibility of making any graphics in agreement with the manufacturer
- i** possibility of sandblasting in 3 tints of grey



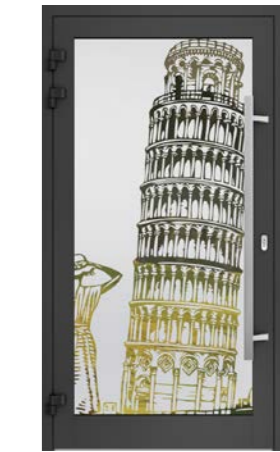
Example no. 1



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

i possibility of making any graphics in agreement with the manufacturer

i possibility of sandblasting in 3 tints of grey



Example no. 9



Example no. 10



Example no. 11



Example no. 54



Example no. 17



Example no. 18



Example no. 13



Example no. 14



Example no. 15



Example no. 55



Example no. 19

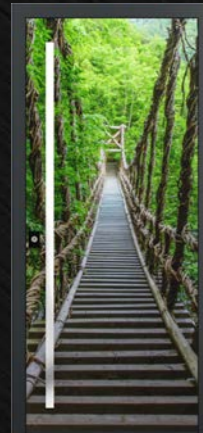


Example no. 20



Example no. 56

GLASS APPLICATIONS



Drutex doors have the option of applying the infill of glass with any print designed by the client. The design is applied to the outer side of the glass.

MORE DESIGNS



SURPRINTS

WASHINGTON FRONT GLASS

i the option of making any graphics in agreement with the manufacturer



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.

Q10 with an optional QA10 finger print reader

The use of the pull handle is an option for doors aligned on both sides only.
Available lengths:
120 cm and 180 cm.

The use of the pull handle is an option for doors aligned on both sides only.
RAL 9005 fine structure.
Available length: 160 cm.



P10D

Pull handle made of stainless steel and natural oak wood in golden oak colour. The use of the pull handle is an option for MB-86 SI doors aligned on both sides only.

Available lengths:
120 cm, 160 cm.



KA1

Pull handle with an option of backlighting with led strip in warm white or RGB colours, controlled with a remote. Available only for MB-86 SI doors aligned on both sides.

Available length:
160 cm.



Q45RX

Available lengths:
80 cm and 120 cm.



P45 and P45L

Available lengths:
P45 - 58 cm
P45L - 120 cm, 180 cm.

Z1L

Available lengths:
range from 100 cm to 250 cm.



MORE



HANDLES

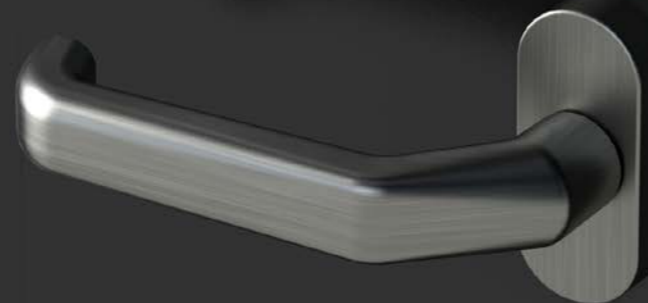
Handles used for front doors are distinguished not only by their high aesthetic properties, but also by functionality and durability. Because of the large range of colour variants, it is possible to match handles with both the door and building colours.

Stainless steel handles, available for aluminium doors:

35A/1200



35A/1200 G1



Handle with divided plate, R32/1200 model (only for aluminium doors).



30A/1006 G1 Knob

Standard aluminium knob available in PVC, aluminium, and wooden doors systems, available in colours:
white, silver, olive, and brown.



RAL 9005 with an extra charge.



30A-1006 Handle

Standard aluminium handle available in PVC, aluminium, and wooden doors systems, available in colours:
white, silver, olive, and brown.



RAL 9005 with an extra charge.



Ring rosette and ring rosette with black blend.



MORE

Stainless steel handles available in PVC and wooden doors:



30A/1040 handle



Knob
30A/1040G

ACCESS CONTROL

Ensuring security is an imperative and important door function. Therefore, Drutex doors can be optionally equipped with systems ensuring a high security level and at the same time providing protection against burglary.

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



EXTRAS



Bluetooth IDENCOM keyboard



Ekey keyboard (black).



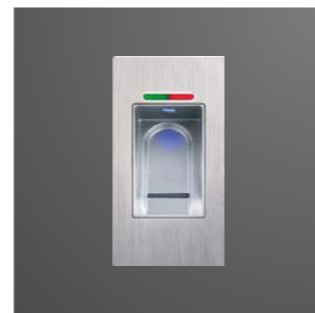
Ekey keyboard (steel).



IDENCOM keyboard.



INDECOM RFID reader.



INDECOM fingerprint reader.



SOMMER reader.



EKEY fingerprint reader (steel).



EKEY fingerprint reader (steel).



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. 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.

OPEN DOORS, WICKETS, GATES, CONTROL LIGHTING, ROLLER SHUTTERS AND VENETIAN BLINDS FROM ANY PLACE IN THE WORLD



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.



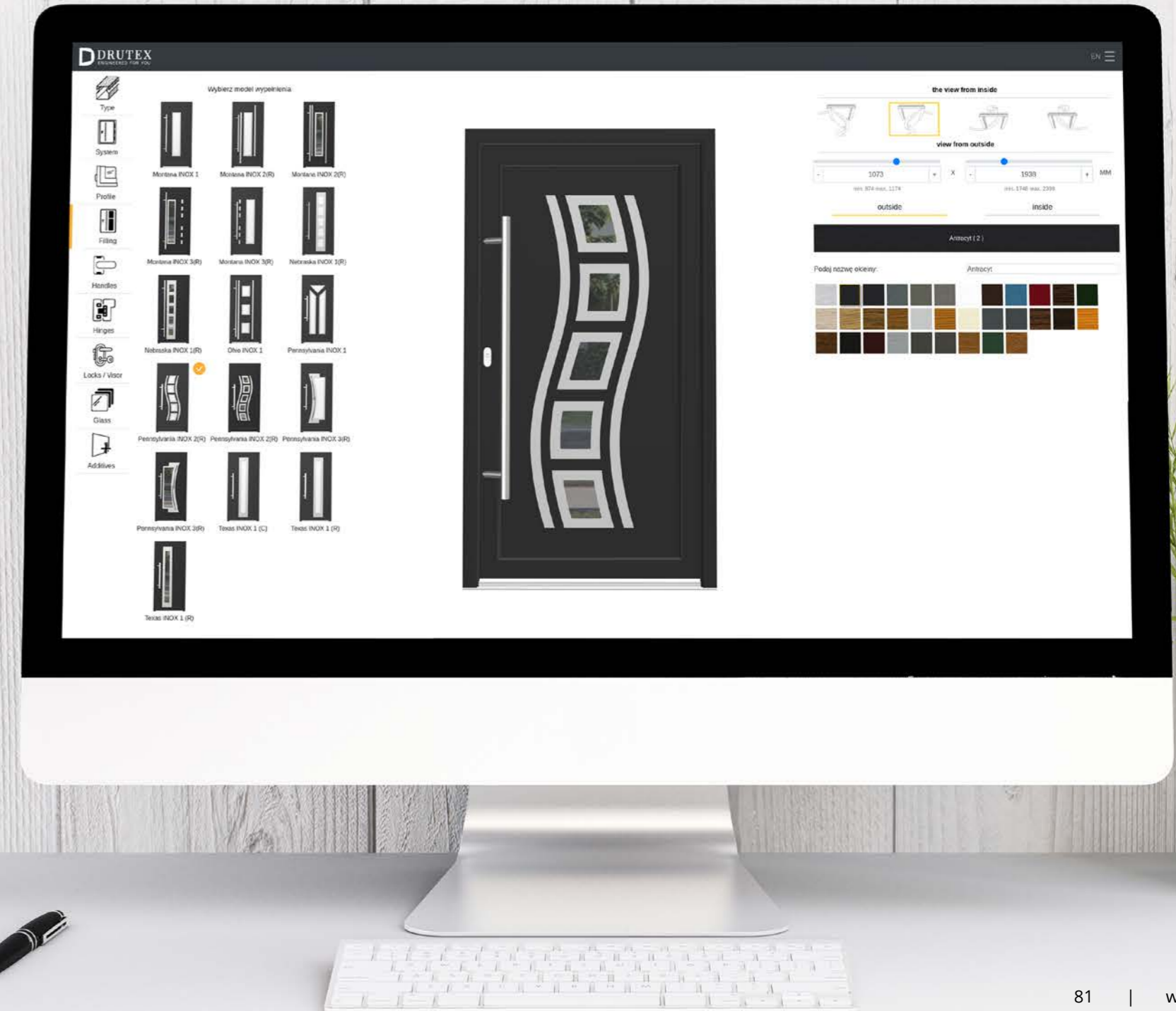
DOOR VISUALISER

The visualiser will help you choose the doors configured in accordance with the client's individual needs. The fast and intuitive service allows for smooth movement between different patterns, colours, or extra options.

CREATE YOUR DREAM DOORS

OPTIONS TO CHOOSE:

- MATERIAL
- SYSTEM
- PROFILE
- FITTINGS
- HANDLES/ PULL HANDLES
- HINGES
- LOCK
- GLASS
- EXTRAS
- COLOURS

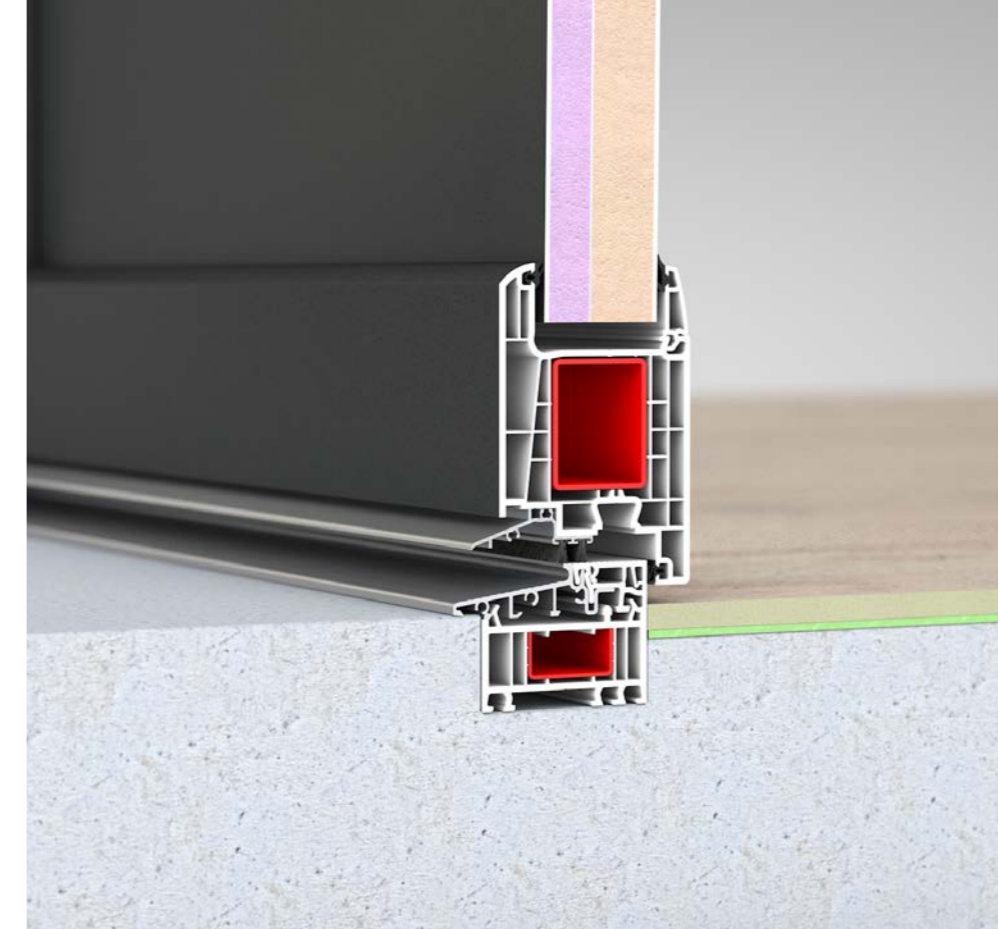
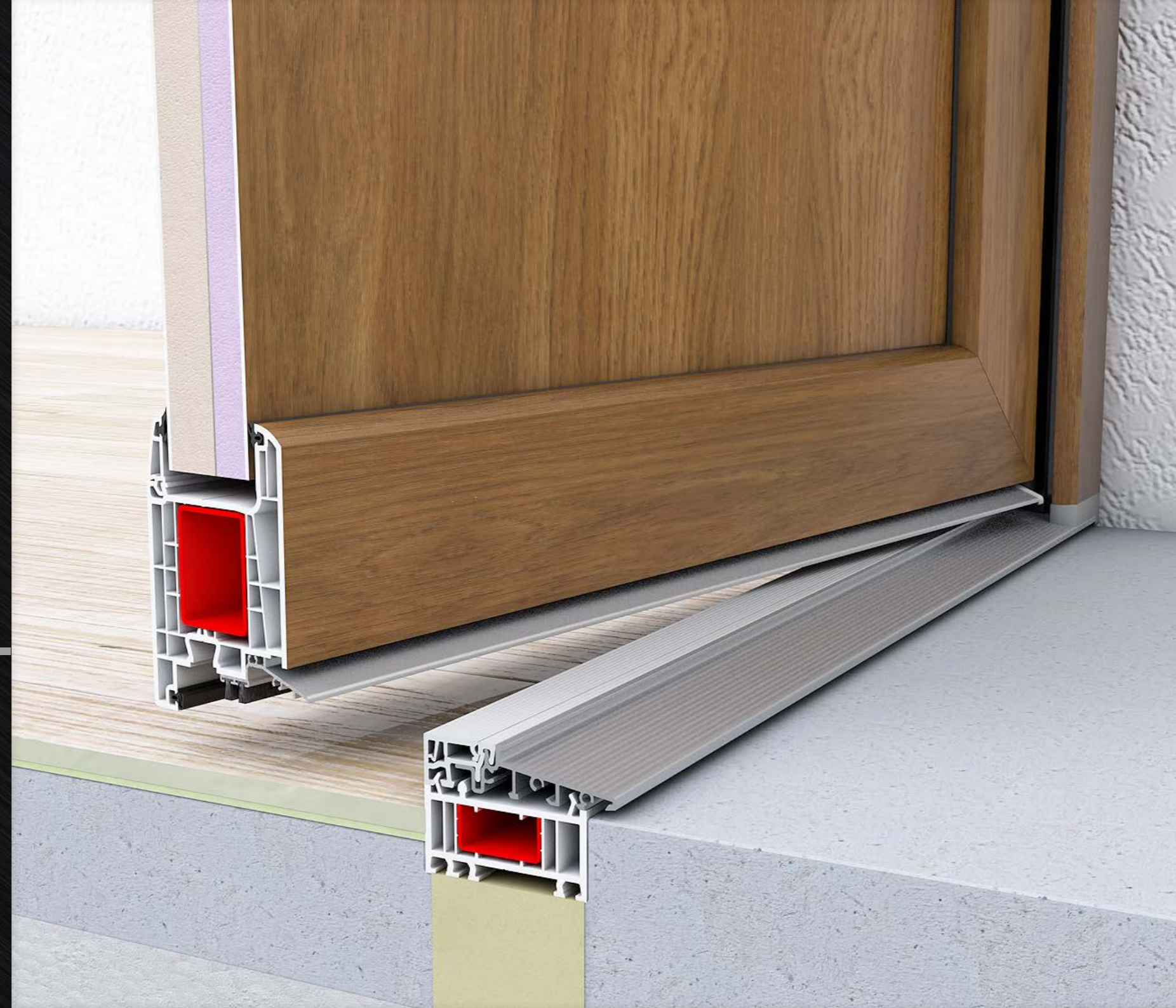


THRESHOLDS

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.

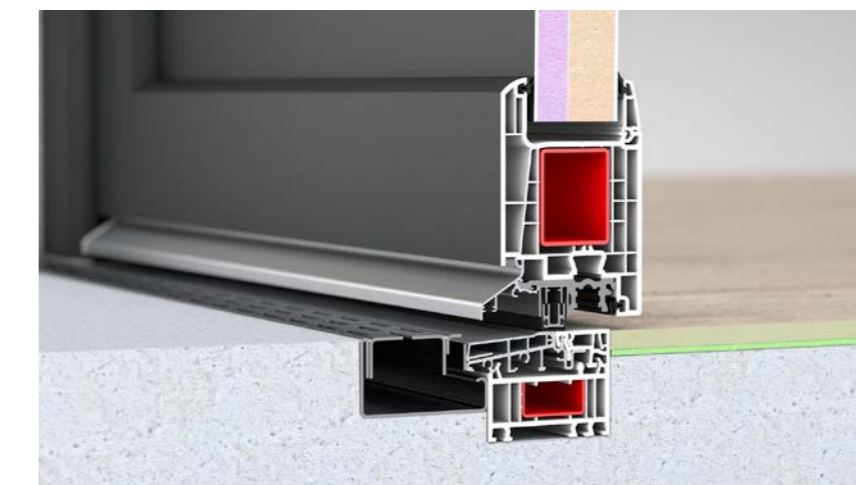
Aluminium Threshold with a Thermal break

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

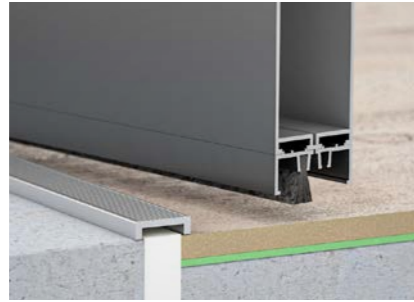
Combi Plan 0 mm threshold. May be aligned with the finished floor, with the option to use with linear drainage.

TYPES OF THRESHOLDS FOR INDIVIDUAL SYSTEMS

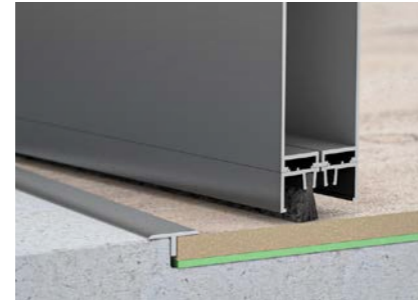
MB-45



Threshold with a visor (as standard).



Low threshold (7,5 mm high).



No threshold, brush.

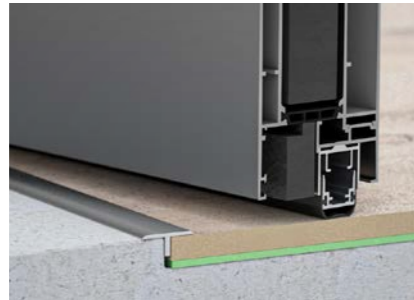


Threshold with an automatic gasket.

MB-79N SI

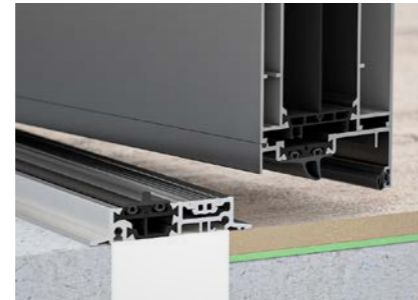


Standard threshold.



Threshold with an automatic gasket.

MB-86 SI



Standard threshold.

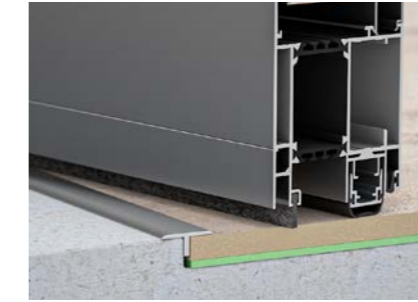


Threshold with an automatic gasket.

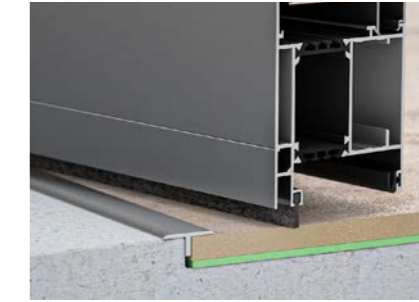
GENESIS



Standard threshold.



Threshold with an automatic gasket.



No threshold, brush.

STAR



Standard threshold.

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.

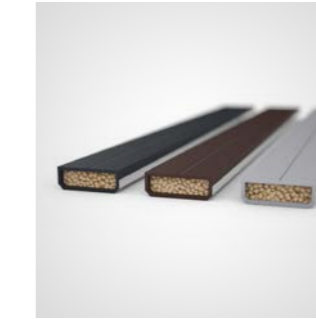
Letterbox



OTHER



Spyhole



Swisspacer Ultimate warm edge (available colours: black, brown, grey)

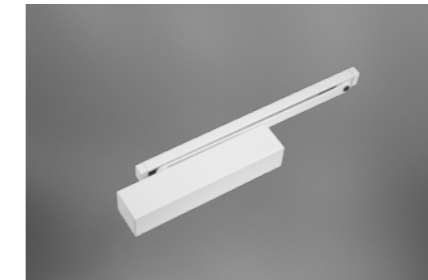


Electro-catches



Locking sensor

SELF-CLOSERS



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



DORMA ITS96
Hidden, for MB-86 SI aligned panel doors without sidelights.



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

HINGES



Roller hinge for aluminium



3-winged hinge for aluminium



Hidden hinge for aluminium



3-winged hinge for PVC

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.



Automatic Door Espagnolette

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

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.



Anti-theft Pins



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

Drutex fire-rated doors are an integral part of a technically advanced fireproof system, which is characterised by both tightness and fire insulation. The system achieves a fire resistance class of EI30 to EI60. Durable and solid system construction is guaranteed because of the stable aluminium profile which includes being equipped with special profiled thermal breaks.



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 (pp. 34-35)
-  20 mm to 45 mm and 47 mm to 49 mm thick glass infill.



DOOR CONSTRUCTIONS

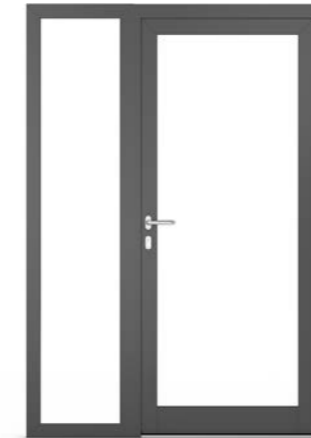
Modern architecture often requires the construction of doors to have varied dimensions, shapes, or specifications. Not only do these elements determine the appearance, but also the usability, the stability and durability of the doors.



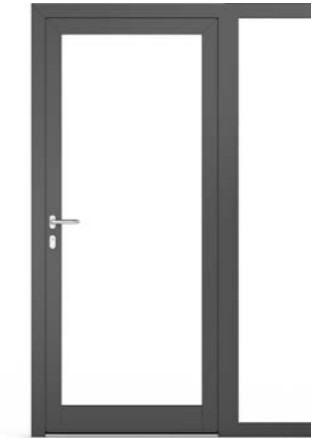
MORE
LAYOUTS



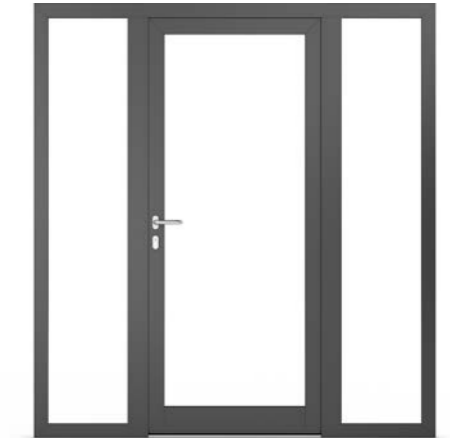
THE OPTION OF SIDELIGHT(S)



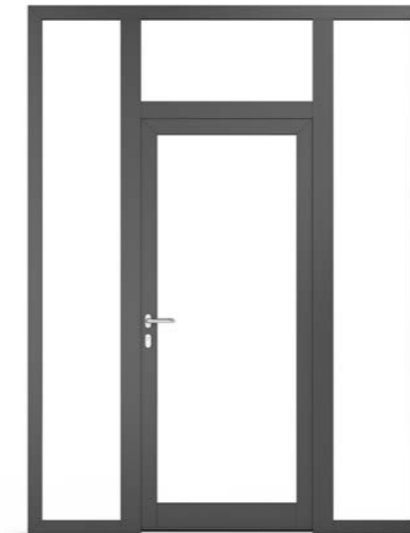
Option No. 1



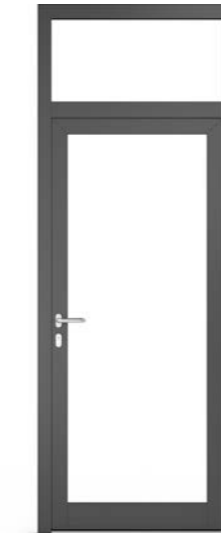
Option No. 2



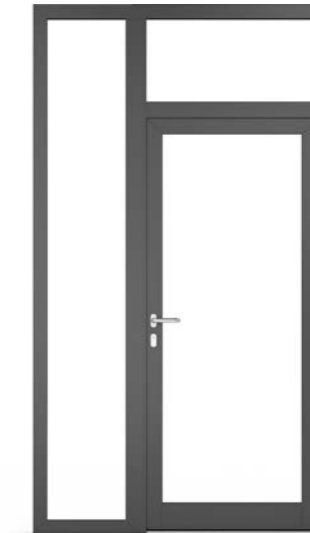
Option No. 3



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.



MULLIONS IN ALUMINIUM AND PVC DOORS



MULLIONS



EXAMPLES OF MULLION PATTERNS



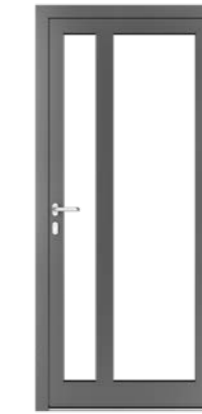
Example No. 1



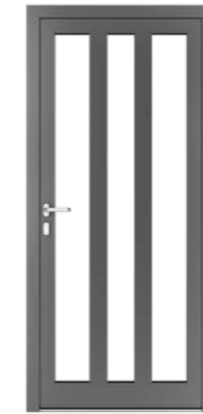
Example No. 2



Example No. 3



Example No. 4



Example No. 5



Example No. 6



Example No. 7



Example No. 8



Mullions used in Drutex doors not only increase the stability of a door, but also allow for unique and individualised aesthetics.



MULLIONS



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



MULLIONS IN WOODEN DOORS

SOFTLINE 68

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



MULLIONS



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-86 SI	MB-79N SI	MB-45	STAR	GENESIS 75	IGLO ENERGY	IGLO 5	SOFTLINE 68	MB-78 EI FIRE-RATED
MATERIAL	ALUMINIUM	ALUMINIUM	ALUMINIUM	ALUMINIUM	ALUMINIUM	PVC	PVC	MERANTI or PINE	ALUMINIUM
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	RAL mat, RAL fine structure, RAL metallic, wood-like, anodes	Renolit	Renolit	RAL and AZURE colours	RAL mat, RAL fine structure, RAL metallic, wood-like, anodes
INSTALLATION DEPTH	77 mm	70 mm	45 mm	90 mm	75 mm	82 mm	70 mm	68 mm	78 mm
UD	Ud=0,9 W/(m²K)*	Ud=0,9 W/(m²K)**	internal application	Ud=0,8 W/(m²K)**	Ud=0,9 W/(m²K)*	Ud=0,8 W/(m²K)**	Ud=1,0 W/(m²K)***	Ud=1,1 W/(m²K)****	Ud=1,7 W/(m²K)*****
V-PERFECT WELD	No	No	No	No	No	Yes*****	Yes*****	No	No
INFILL	15-60 mm (glass) 36 mm (batch panel) 77 mm (overlay panel)	16-54 mm (glass) 36 mm (batch panel)	6-24,5 mm (glass)	22-56 mm (glass) 36 mm (batch panel)	22-56 mm (glass) 36 mm (batch panel)	22,5-49,5 mm (glass) 36 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	24-32 mm (glass) own design with mullions, glass and panel	20-45 mm (glass) 47-49 mm (glass) batch panel
STANDARD ESPAGNOLETTE	3-point automatic	3-point automatic	3-point automatic	3-point automatic	3-point automatic	3-point automatic	3-point automatic	3-point hook	single lock
ESPAGNOLETTE WITH AN EXTRA CHARGE	„day/night” type of espagnolette, 5-point lock, 1 lock	„day/night” type of espagnolette, 5-point lock, 1 lock	„day/night” type of espagnolette, 5-point lock, 1 lock	„day/night” type of espagnolette, 5-point lock, 1 lock	„day/night” type of espagnolette, 5-point lock, 1 lock	„day/night” type of espagnolette, hook and bolt	„day/night” type of espagnolette, hook and bolt	1 lock, 5-point lock	„day/night” type of espagnolette, 5-point lock, 1 lock
STANDARD HINGES	3 two-winged hinges for both-side aligned doors	3 two-winged hinges	3 two-winged hinges	3 two-winged hinges	3 two-winged hinges	3 two-winged hinges	3 two-winged hinges	3 roller hinges	3 two-winged hinges
HINGE OPTIONS	3-winged, roller, hidden hinges	3-winged, roller, hidden hinges	3-winged hinges	3-winged, roller, hidden hinges	3-winged, roller, hidden hinges	3-winged hinge	3-winged hinge		3-winged hinge

Calculation of the Ud coefficient carried out for a single-leaf doors with dimensions of 1100x2300 mm, applies to p. 102:

* for doors in WASHINGTON ZERO model with both-side aligned panel.

** glass with krypton TMP 4/12(Kr)-material/FL4/12(Kr) – composite/TMP 4/12 (Kr) -composite/TMP4.

Calculation of the Ud coefficient carried out for a single-leaf doors with dimensions of 1100x2300 mm, applies to p. 103:

* glass with krypton TMP 4/12(Kr)-material/FL4/12(Kr) – composite/TMP 4/12 (Kr) –composite /TMP4.

** 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.

**** on meranti wood – 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.

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We offer PVC, aluminium, and wooden windows and doors, roller shutters, venetian blinds, facades, and winter gardens.

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