BIG DOORS AND WINDOWS

# DESPIRO
# EXTERNAL DOOR CATALOGUE

# About **company**

BIG DOORS AND WINDOWS is a manufacturer with an international reach, offering windows and doors made of PVC, wood, aluminium and steel. We have been on the market since 1998. Production takes place in halls with state-of-the-art automated production lines, supported by qualified and experienced staff. We focus on development and innovation. We were the first in Europe to introduce to mass sale windows made in the V-Perfect shape welding technology.

Our offer is constantly expanding. Already today we are able to offer you several dozen different window and door systems. We also offer sliding systems, roller shutters, sectional garage and industrial doors, mosquito nets, fences and pergolas. As an addition to windows and doors, we offer covers. We produce internal and external roller blinds, facade blinds and shutters.

Everything is of the best quality, because we use only high-quality materials from leading European suppliers.

Years of experience allow us to accurately predict demand and respond to customer needs. Striving for a fresh perspective on evolving trends enables us to craft products that precisely meet all market demands. Multi-million investments in machinery, experience and multilingual staff make our export strength grow year by year. We are successfully expanding into European and non-European markets.

The quality of our products and the actions we take have gained the recognition of customers around the world. So far, we have created a powerful sales network, which we are constantly expanding.

# Despiro **panels**

Extremely durable and elegant proposals. They add prestige to both new investments and renovated buildings. The technologically advanced filling ensures increased performance parameters and allows the door to be used in projects co-financed from ecological funds.

Despiro

* backlight with cold, warm or neutral white light or blue light

Materials from which the door can be made:

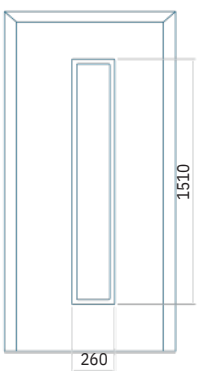
- Aluminium (ALU)

Available colour options:

- RAL
- Decor (some models)

## Panel **DP01**

Technical drawing

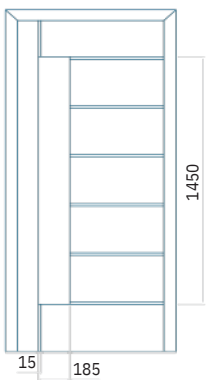



- Front glazing: VSG 33.1 thermofloat
- Middle glazing: sandblasted float with transparent stripes
- Rear glazing: thermofloat with a black warm frame
- INOX recessed application

| Minimum panel size | Maximum panel size |
|---|---|
| ALU: 500 x 1900 | ALU: 1400 x 2600 |

## Panel **DP02**

Technical drawing

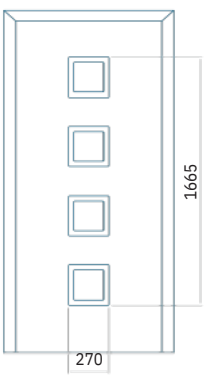



- Front glazing: VSG 33.1 thermofloat
- Middle glazing: sandblasted float with transparent stripes
- Rear glazing: thermofloat with a black warm frame
- INOX recessed application

| Minimum panel size | Maximum panel size |
|---|---|
| ALU: 731 x 1900 | ALU: 1400 x 2600 |

## Panel **DP03**

Technical drawing

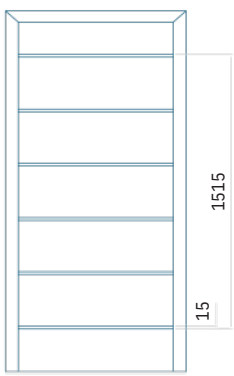



- Front glazing: VSG 33.1 thermofloat
- Central glazing: sandblasted float
- Rear glazing: thermofloat with a black warm frame
- INOX recessed application

| Minimum panel size | Maximum panel size |
|---|---|
| ALU: 500 x 2000 | ALU: 1400 x 2600 |

## Panel **DP04**

Technical drawing

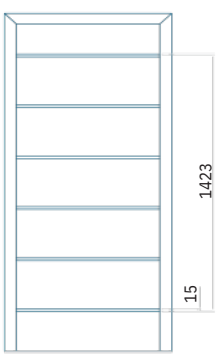



- INOX recessed application

| Minimum panel size | Maximum panel size |
|---|---|
| ALU: 361 x 1900 | ALU: 1400 x 2600 |

## Panel **DP05**

Technical drawing

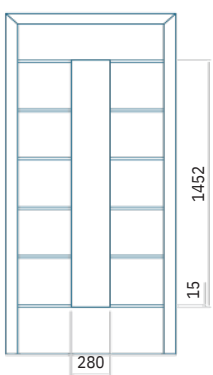



- Panel milling

| Minimum panel size | Maximum panel size |
|---|---|
| ALU: 361 x 1900 | ALU: 1400 x 2600 |

## Panel **DP06**

Technical drawing

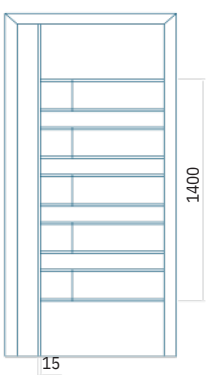



- Front glazing: VSG 33.1 thermofloat
- Middle glazing: sandblasted float with transparent stripes
- Rear glazing: thermofloat with a black warm frame
- Panel milling

| Minimum panel size | Maximum panel size |
|---|---|
| ALU: 720 x 1900 | ALU: 1400 x 2600 |

## Panel **DP07**

Technical drawing

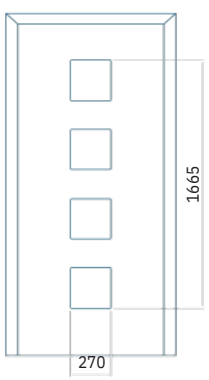



- Front glazing: VSG 33.1 thermofloat
- Central glazing: sandblasted float, periphery de-matted
- Rear glazing: thermofloat with a black warm frame
- Panel milling

| Minimum panel size | Maximum panel size |
|---|---|
| ALU: 750 x 1900 | ALU: 1400 x 2600 |

## Panel **DP08**

Technical drawing

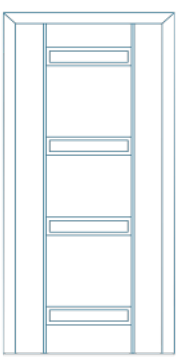



- Front glazing: VSG 33.1 thermofloat
- Central glazing: sandblasted float, periphery de-matted
- Rear glazing: thermofloat with a black warm frame

| Minimum panel size | Maximum panel size |
|---|---|
| ALU: 500 x 2000 | ALU: 1400 x 2600 |

## Panel **DP09**

Technical drawing

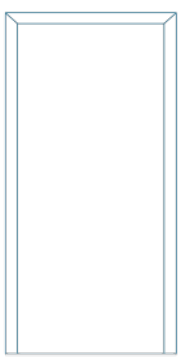


- Front glazing: VSG 33.1 thermofloat
- Central glazing: sandblasted float, periphery de-matted
- Rear glazing: thermofloat with a black warm frame
- INOX recessed application

| Minimum panel size | Maximum panel size |
|---|---|
| ALU: 750 x 1900 | ALU: 1400 x 2600 |

## Panel **DP10**

Technical drawing

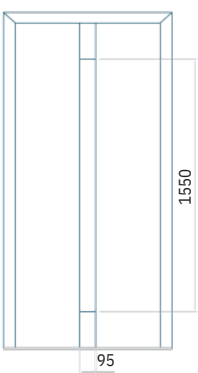


- Smooth panel without a pattern, flush on both sides

| Minimum panel size | Maximum panel size |
|---|---|
| ALU: 361 x 1900 | ALU: 1400 x 2600 |

## Panel **DP11**

Technical drawing

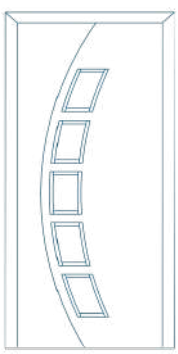



- Front glazing: VSG 33.1 thermofloat
- Middle glazing: sandblasted float with transparent stripes
- Rear glazing: thermofloat with a black warm frame
- INOX recessed application

| Minimum panel size | Maximum panel size |
|---|---|
| ALU: 500 x 2000 | ALU: 1400 x 2600 |

## Panel **DP12**

Technical drawing

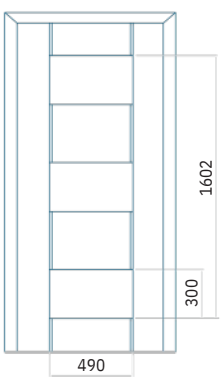


- Front glazing: VSG 33.1 thermofloat
- Central glazing: sandblasted float, periphery de-matted
- Rear glazing: thermofloat with a black warm frame

| Minimum panel size | Maximum panel size |
|---|---|
| ALU: 750 x 1900 | ALU: 1400 x 2600 |

## Panel **DP13**

Technical drawing

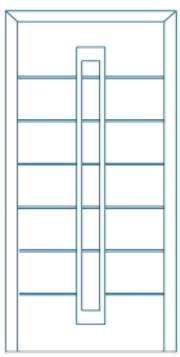



- Front glazing: VSG 33.1 thermofloat
- Central glazing: sandblasted float
- Rear glazing: thermofloat with a black warm frame
- INOX recessed application

| Minimum panel size | Maximum panel size |
|---|---|
| ALU: 720 x 2000 | ALU: 1400 x 2600 |

## Panel **DP14**

Technical drawing

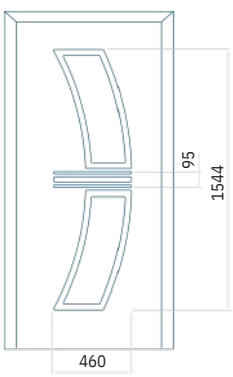


- Front glazing: VSG 33.1 thermofloat
- Central glazing: sandblasted float, periphery de-matted
- Rear glazing: thermofloat with a black warm frame
- Panel milling

| Minimum panel size | Maximum panel size |
|---|---|
| ALU: 500 x 2000 | ALU: 1400 x 2600 |

## Panel **DP15**

Technical drawing

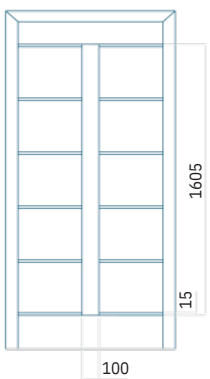



- Front glazing: VSG 33.1 thermofloat
- Central glazing: sandblasted float
- Rear glazing: thermofloat with a black warm frame
- INOX recessed application

| Minimum panel size | Maximum panel size |
|---|---|
| ALU: 700 x 2000 | ALU: 1400 x 2600 |

## Panel **DP16**

Technical drawing

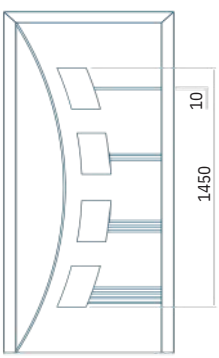



- Front glazing: VSG 33.1 thermofloat
- Middle glazing: sandblasted float with transparent stripes
- Rear glazing: thermofloat with a black warm frame
- Panel milling

| Minimum panel size | Maximum panel size |
|---|---|
| ALU: 500 x 2000 | ALU: 1400 x 2600 |

## Panel **DP17**

Technical drawing

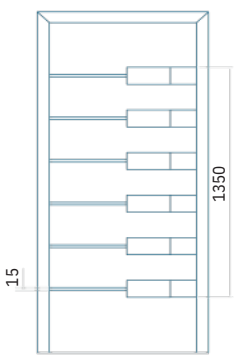



- Front glazing: VSG 33.1 thermofloat
- Middle glazing: sandblasted float with transparent stripes
- Rear glazing: thermofloat with a black warm frame
- Panel milling

| Minimum panel size | Maximum panel size |
|---|---|
| ALU: 750 x 2000 | ALU: 1400 x 2600 |

## Panel **DP18**

Technical drawing

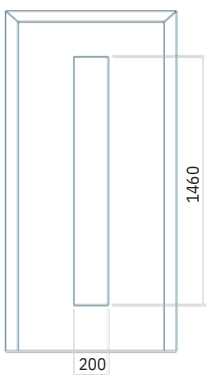



- Front glazing: VSG 33.1 thermofloat
- Middle glazing: sandblasted float with transparent stripes
- Rear glazing: thermofloat with a black warm frame
- INOX recessed application
- Panel milling

| Minimum panel size | Maximum panel size |
|---|---|
| ALU: 750 x 1900 | ALU: 1400 x 2600 |

## Panel **DP19**

Technical drawing

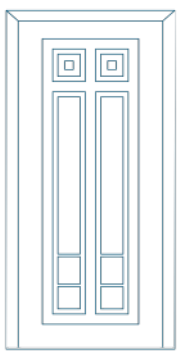



- Front glazing: VSG 33.1 thermofloat
- Middle glazing: sandblasted float with transparent stripes
- Rear glazing: thermofloat with a black warm frame

| Minimum panel size | Maximum panel size |
|---|---|
| ALU: 500 x 1900 | ALU: 1400 x 2600 |

## Panel **DP20**

Technical drawing

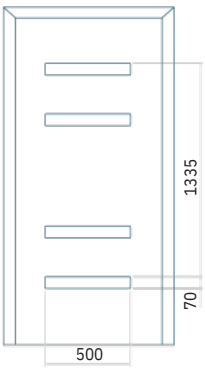


- Front glazing: VSG 33.1 thermofloat
- Central glazing: sandblasted float, periphery de-matted,
- Rear glazing: thermofloat with a black warm frame

| Minimum panel size | Maximum panel size |
|---|---|
| ALU: 1000 x 1950 | ALU: 1400 x 2600 |

## Panel **DP21**

Technical drawing

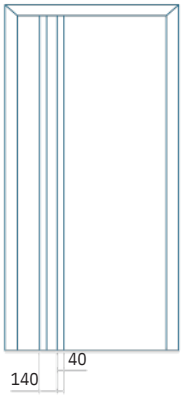



- INOX recessed application

| Minimum panel size | Maximum panel size |
|---|---|
| ALU: 720 x 1900 | ALU: 1400 x 2600 |

## Panel **DP22**

Technical drawing

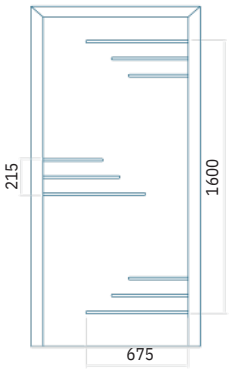



- INOX recessed application

| Minimum panel size | Maximum panel size |
|---|---|
| ALU: 650 x 1900 | ALU: 1400 x 2600 |

## Panel **DP23**

Technical drawing

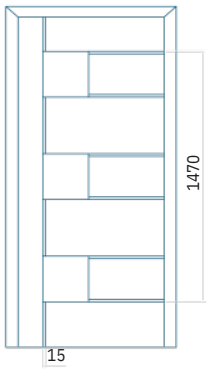



- INOX recessed application

| Minimum panel size | Maximum panel size |
|---|---|
| ALU: 801 x 1900 | ALU: 1400 x 2600 |

## Panel **DP24**

Technical drawing

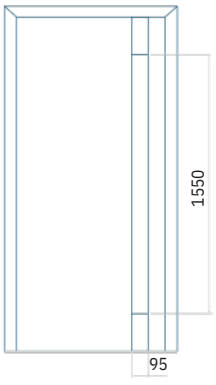



- Front glazing: VSG 33.1 thermofloat
- Middle glazing: sandblasted float with transparent stripes
- Rear glazing: thermofloat with a black warm frame
- Panel milling

| Minimum panel size | Maximum panel size |
|---|---|
| ALU: 700 x 1900 | ALU: 1400 x 2600 |

## Panel **DP25**

Technical drawing

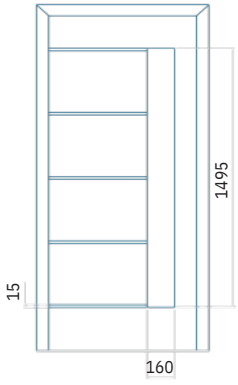



- Front glazing: VSG 33.1 thermofloat
- Middle glazing: sandblasted float with transparent stripes
- Rear glazing: thermofloat with a black warm frame
- INOX recessed application

| Minimum panel size | Maximum panel size |
|---|---|
| ALU: 650 x 1900 | ALU: 1400 x 2600 |

## Panel **DP26**

Technical drawing

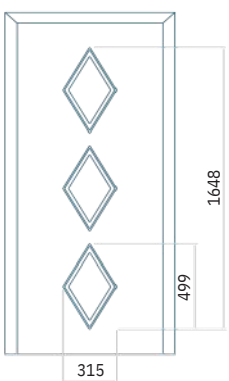



- Front glazing: VSG 33.1 thermofloat
- Middle glazing: sandblasted float with transparent stripes
- Rear glazing: thermofloat with a black warm frame
- Panel milling

| Minimum panel size | Maximum panel size |
|---|---|
| ALU: 650 x 1900 | ALU: 1400 x 2600 |

## Panel **DP27**

Technical drawing

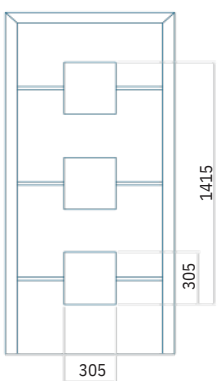



- Front glazing: VSG 33.1 thermofloat
- Central glazing: sandblasted float
- Rear glazing: thermofloat with a black warm frame
- Grooved frame around the glazing

| Minimum panel size | Maximum panel size |
|---|---|
| ALU: 600 x 2000 | ALU: 1400 x 2600 |

## Panel **DP28**

Technical drawing

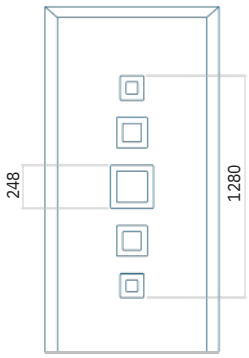



- Front glazing: VSG 33.1 thermofloat
- Central glazing: sandblasted float, with transparent stripes
- Rear glazing: thermofloat with a black warm frame
- Panel milling

| Minimum panel size | Maximum panel size |
|---|---|
| ALU: 550 x 1900 | ALU: 1400 x 2600 |

## Panel **DP29**

Technical drawing

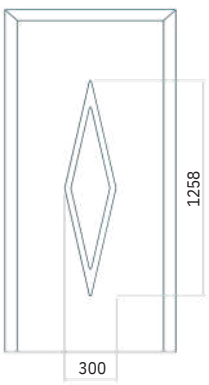



- Front glazing: VSG 33.1 thermofloat
- Central glazing: sandblasted float
- Rear glazing: thermofloat with a black warm frame
- INOX recessed application

| Minimum panel size | Maximum panel size |
|---|---|
| ALU: 550 x 1900 | ALU: 1400 x 2600 |

## Panel **DP30**

Technical drawing

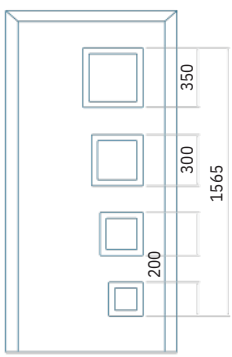



- Front glazing: VSG 33.1 thermofloat
- Central glazing: sandblasted float
- Rear glazing: thermofloat with a black warm frame
- INOX recessed application

| Minimum panel size | Maximum panel size |
|---|---|
| ALU: 550 x 1900 | ALU: 1400 x 2600 |

## Panel **DP31**

Technical drawing

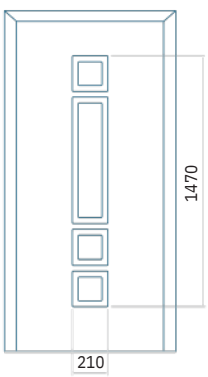



- Front glazing: VSG 33.1 thermofloat
- Central glazing: sandblasted float
- Rear glazing: thermofloat with a black warm frame
- INOX recessed application

| Minimum panel size | Maximum panel size |
|---|---|
| ALU: 801 x 1900 | ALU: 1400 x 2600 |

## Panel **DP32**

Technical drawing

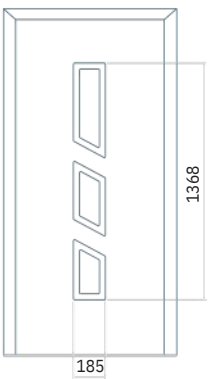



- Front glazing: VSG 33.1 thermofloat
- Central glazing: sandblasted float
- Rear glazing: thermofloat with a black warm frame
- INOX recessed application

| Minimum panel size | Maximum panel size |
|---|---|
| ALU: 550 x 1900 | ALU: 1400 x 2600 |

## Panel **DP33**

Technical drawing

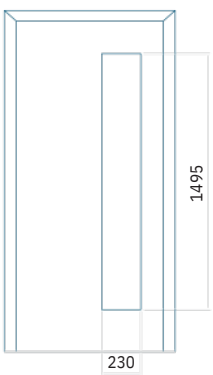



- Front glazing: VSG 33.1 thermofloat
- Central glazing: sandblasted float
- Rear glazing: thermofloat with a black warm frame
- INOX recessed application

| Minimum panel size | Maximum panel size |
|---|---|
| ALU: 550 x 1900 | ALU: 1400 x 2600 |

## Panel **DP34**

Technical drawing

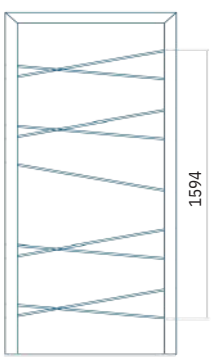



- Front glazing: VSG 33.1 thermofloat
- Central glazing: sandblasted float
- Rear glazing: thermofloat with a black warm frame

| Minimum panel size | Maximum panel size |
|---|---|
| ALU: 750 x 1900 | ALU: 1400 x 2600 |

## Panel **DP35**

Technical drawing

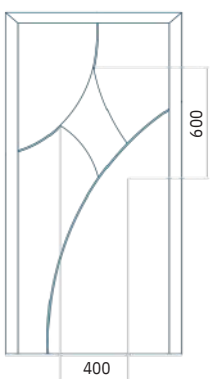



- Panel milling

| Minimum panel size | Maximum panel size |
|---|---|
| ALU: 550 x 2000 | ALU: 1400 x 2600 |

## Panel **DP36**

Technical drawing

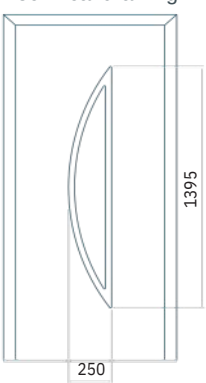



- Front glazing: VSG 33.1 thermofloat
- Central glazing: sandblasted float
- Rear glazing: thermofloat with a black warm frame
- Panel milling

| Minimum panel size | Maximum panel size |
|---|---|
| ALU: 600 x 1900 | ALU: 1400 x 2600 |

## Panel **DP37**

Technical drawing

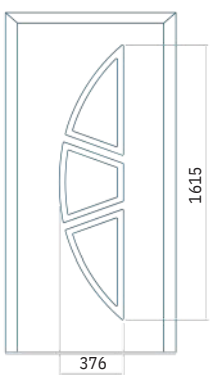



- Front glazing: VSG 33.1 thermofloat
- Central glazing: sandblasted float
- Rear glazing: thermofloat with a black warm frame
- INOX recessed application

| Minimum panel size | Maximum panel size |
|---|---|
| ALU: 600 x 1900 | ALU: 1400 x 2600 |

## Panel **DP38**

Technical drawing

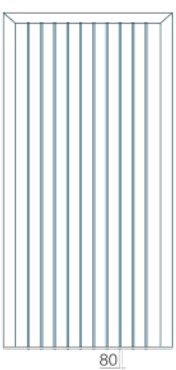



- Front glazing: VSG 33.1 thermofloat
- Central glazing: sandblasted float
- Rear glazing: thermofloat with a black warm frame
- INOX recessed application

| Minimum panel size | Maximum panel size |
|---|---|
| ALU: 650 x 2000 | ALU: 1400 x 2600 |

# Panel **DP39**

Technical drawing




- Panel milling

| Minimum panel size | Maximum panel size |
|---|---|
| ALU: 700 x 2000 | ALU: 1400 x 2600 |

# **Despiro Retro Line** Panels

The Despiro Retro Line is a nod to traditional styling and classic elegance that never goes out of fashion. The doors are also available with an offset pivot axis, meaning they can open in both directions in the PIVOT version.

Despiro

* White lighting available in cool, warm, or neutral tones, or blue lighting.
** Applies to models with glazing.

Materiały, z których można wykonać drzwi:

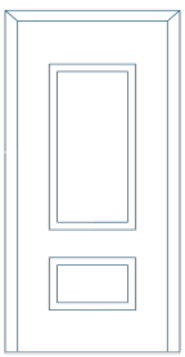
- Aluminium (ALU)

Dostępne możliwości kolor yst yczne:

- RAL
- Decor (niektóre modele)

## Panel **RL01**

Technical drawing

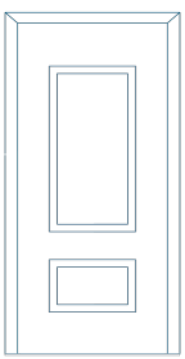


- Front glazing: VSG 33.1 thermofloat
- Middle glazing: float satinovo
- Rear glazing: thermofloat with warm edge spacer
- Panel embossing
- The pattern changes proportionally with the size

| Minimum panel size | Maximum panel size |
|---|---|
| ALU: 620 x 1900 | ALU: 1400 x 2600 |

## Panel **RL02**

Technical drawing

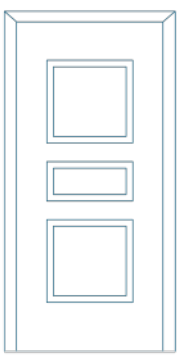


- Panel embossing
- The pattern changes proportionally with the size

| Minimum panel size | Maximum panel size |
|---|---|
| ALU: 620 x 1900 | ALU: 1400 x 2600 |

## Panel **RL03**

Technical drawing

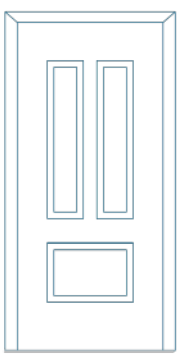


- Panel embossing
- The pattern changes proportionally with the size

| Minimum panel size | Maximum panel size |
|---|---|
| ALU: 620 x 1900 | ALU: 1400 x 2600 |

## Panel **RL04**

Technical drawing

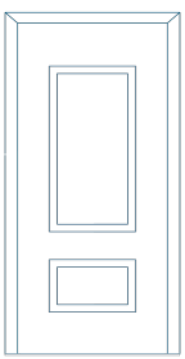


- Front glazing: VSG 33.1 thermofloat
- Middle glazing: float satinovo
- Rear glazing: thermofloat with warm edge spacer
- Panel embossing
- The pattern changes proportionally with the size

| Minimum panel size | Maximum panel size |
|---|---|
| ALU: 850 x 1900 | ALU: 1400 x 2600 |

## Panel **RL05**

Technical drawing

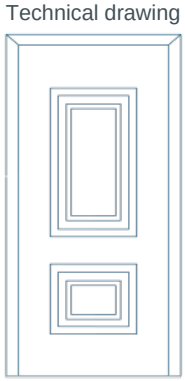


- Front glazing: VSG 33.1 thermofloat
- Middle glazing: float satinovo
- Rear glazing: thermofloat with warm edge spacer
- Panel embossing
- The pattern changes proportionally with the size

| Minimum panel size | Maximum panel size |
|---|---|
| ALU: 750 x 1825 | ALU: 1400 x 2600 |

## Panel **RL06**

Technical drawing

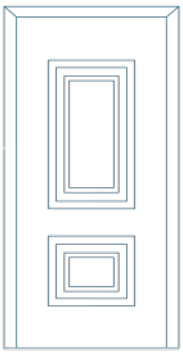


- Front glazing: VSG 33.1 thermofloat
- Middle glazing: chinchilla
- Rear glazing: thermofloat with warm edge spacer
- Panel embossing
- The pattern changes proportionally with the size

| Minimum panel size | Maximum panel size |
|---|---|
| ALU: 810 x 1900 | ALU: 1400 x 2600 |

## Panel **RL07**

Technical drawing

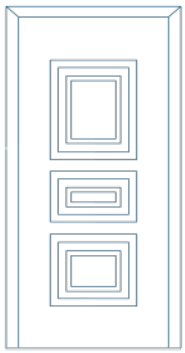


- Panel embossing
- The pattern changes proportionally with the size

| Minimum panel size | Maximum panel size |
|---|---|
| ALU: 810 x 1900 | ALU: 1400 x 2600 |

## Panel **RL08**

Technical drawing

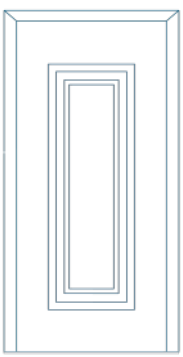


- Panel embossing
- The pattern changes proportionally with the size

| Minimum panel size | Maximum panel size |
|---|---|
| ALU: 782 x 1900 | ALU: 1400 x 2600 |

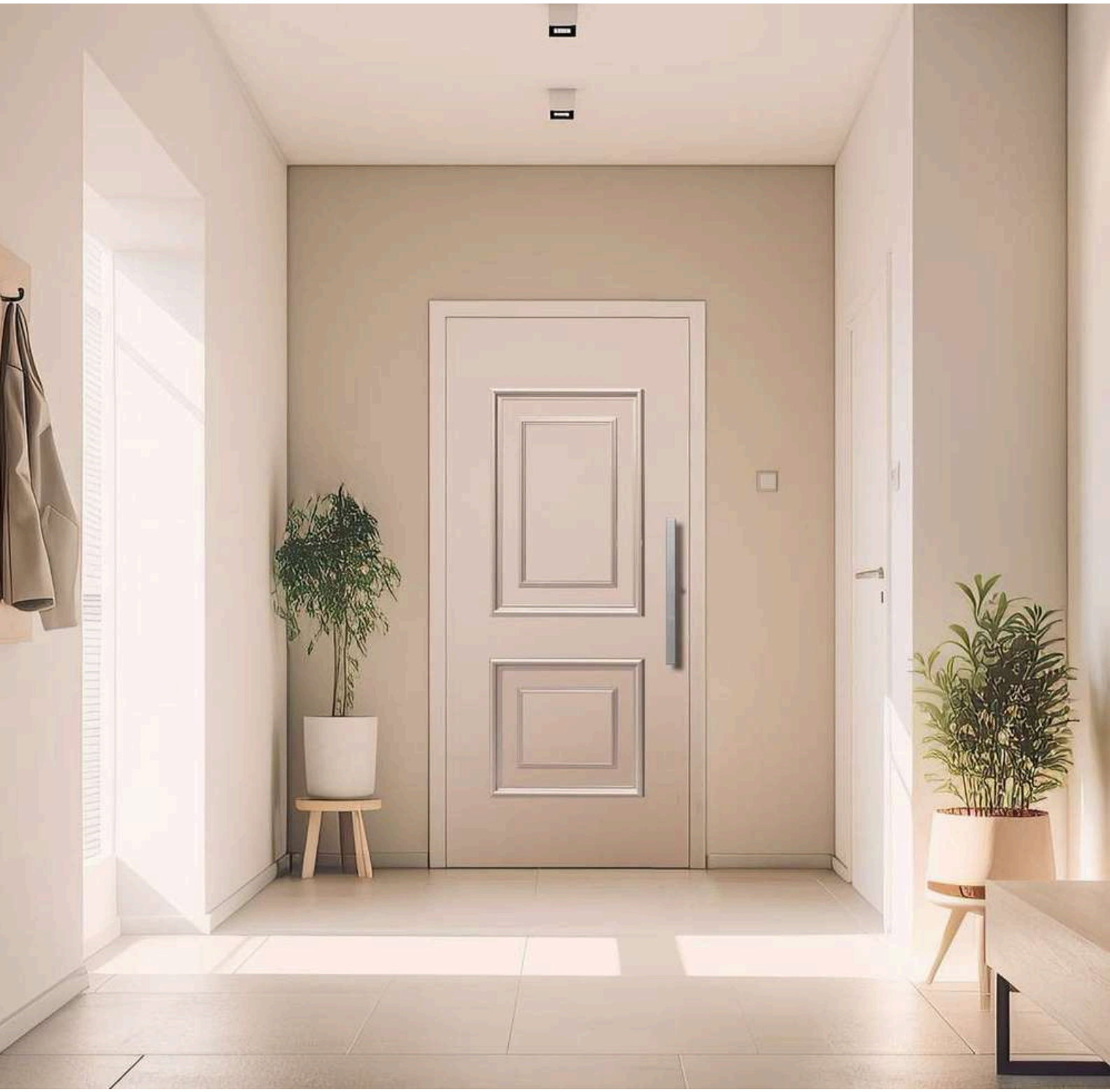
# Panel **RL09**

Technical drawing



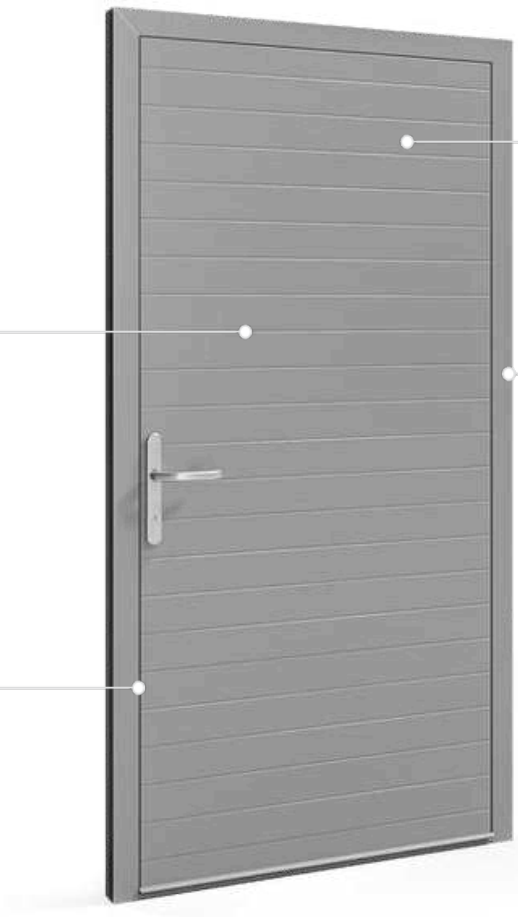
- Panel embossing
- The pattern changes proportionally with the size

| Minimum panel size | Maximum panel size |
|---|---|
| ALU: 782 x 1900 | ALU: 1400 x 2600 |



# **MasterLine 8 Despiro** aluminium doors

The elegance and minimalism of the MasterLine 8 Despiro aluminium doors allow them to fit in with modern architectural trends. They are universal and perfectly complement traditional arrangements. The doors are made of sheet metal with a high degree of stiffness. Thanks to it, you can create sheet metal structures up to 1500 mm wide and 3000 mm high. They are available in the constantly expanded range of Despiro door panels, including the option of recessed handrail. This element can be highlighted in white (cold, warm or neutral) or blue.




MASTERLINE 8

*maximum door height is 3000 mm;
**for selected designs of Despiro panels

Materials from which the door can be made:

- Aluminium (ALU)

Available colour options:

- RAL
- Decor wood-like

# **MasterLine 8 Pivot** aluminium door

The value of space is determined by the way it is used. Aluminium doors with pivot hinges can open inwards and outwards by shifting the axis of rotation. These versatile designs can extend from floor to ceiling. Pivot doors are designed especially for modern spaces where ergonomics is crucial. They will perfectly emphasize the avant-garde offices and present the smart character of the apartments.

MASTERLINE 8

*standard shift by 301 mm, maximum by 600 mm (depending on the width of the door leaf)
** DP4, DP5, DP10, DP11, DP16, DP22, DP23, DP25, DP35 - ask the Sales Department for more options

Materials from which the door can be made:

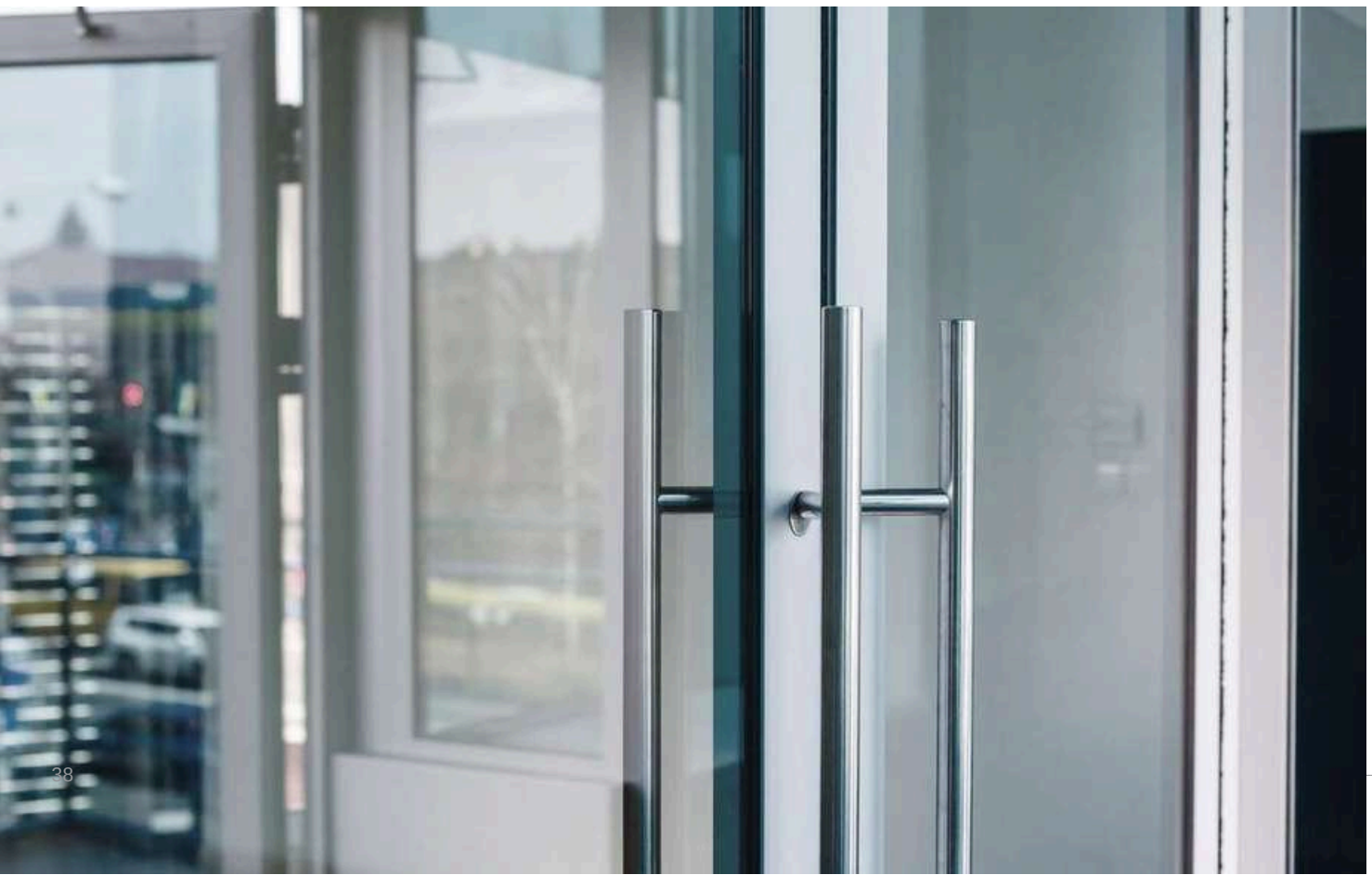
- Aluminium (ALU)

Available colour options:

- RAL
- Decor wood-like

# Door **accessories**

Accessories for the offered doors are not only a wide selection of handles and handrails in various shapes and colours. In addition to them, there are also additional technological solutions for hinges or espagnolette, as well as letterboxes or peepholes or devices controlling access to the building. The catalogue presents basic door accessories, the full offer is available in the sales department.



## VISORS

Visor with a diameter of 14 mm, satin chrome finish. Available for filling from 15 to 85 mm.

## MAIL **SLOTS**

Available models: MILA ProStyle, MILA, GAVA

HANDRAIL **P45**

HANDRAIL **P45B**

HANDRAIL **P10**

HANDRAIL **P8**

HANDRAIL **P5**

HANDRAIL **P1**

Handles are available in all colors from our palette and can be painted to match the color of the f
ensuring a perfect fit with the doors.

**Q SERIES**
HANDLES

Round pulls can be equipped with
electronics - upon individual request

**BLACK**

**INOX**

**LED***
WARM WHITE

**LED***
NEUTRAL WHITE

**LED***
COLD WHITE

**LED***
BLUE

*Available only in Despiro and MasterLine 8 Despiro doors

## DOOR **HINGES**

Roller hinges (SFS Wala WR)

Concealed hinges (KFV AXXENT)

## DOOR **LOCKS**

Available espagnolettes: 3-point, 5-point, 4 rollers, hook and automatic

## MOTOR FOR **DOOR LOCKS**

G-U Security Automatic engine available

## DOOR **CLOSERS**

Models available: GEZE, G-U lockable or non-lockable, Geze Boxer, Dorma93b, Geze5000

## HANDLE **H6**

Black

Gold

## HANDLE **35A/1200**

## ACCESS CONTROL SYSTEMS

Idecom
(locatedinthe handle K1 250x150)

Sorex

Micro switch
(locatedinthecover FI30)

Idecom
(locatedinthe handle Q10 40x40)

BIG DOORS AND WINDOWS



The publication does not constitute a commercial offer. It is not the basis for making a complaint.
The images presented are illustrative graphics, not actual photos of the products.

BIG DOORS AND WINDOWS

24.10.2024

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