



# CATALOGUE

2026 – 2027



PRODUCT CATALOGUE  
2026 – 2027



In 2023, Rollplast Group with its factory won first prize in the national competition "Building of the Year" in the category "Production and logistics buildings"



Rollplast was honored with the "Golden Bull" statuette for: "Manufacturing Investor of the Year" in 2009 and "Investment in Business Expansion" in 2019.

## ABOUT US

Rollplast was created in 2000 as a company for production and sale of interior and exterior blinds. In 26 years, Rollplast has managed to become one of the leading manufacturers of doors, windows and blinds in Europe. The company has a production base with a total area of 40,000 sq.m. Construction began in 2008, and Rollplast received an Investor Class A certificate for the planned investment of BGN 130 million, as well as an award for Investor of the Year in the field of manufacturing for 2017.

## THE ROLLPLAST TEAM

is aimed mainly at manufacturing a wide range of products to meet the requirements of each customer. Rollplast uses the 20 Keys program – a Lean Manufacturing system of continuous improvement and increase in the efficiency at all stages of production, delivery and assembly. Rollplast is audited and certified in accordance with the international quality management system ISO 9001:2008 and the information security management system ISO 27001:2005.



2017 year

## THE BASE IS DIVIDED INTO THE FOLLOWING PRODUCTION WORKSHOPS:

- PVC WINDOWS AND DOORS
- WOODEN WINDOWS AND DOORS
- ALUMINIUM WINDOWS AND DOORS
- STEEL WINDOWS AND DOORS
- INSULATED GLASS UNITS (IGUS), GLASS PROCESSING AND TEMPERING
- EXTERIOR SHUTTERS AND GARAGE DOORS
- INTERIOR BLINDS AND INSECT SCREENS
- WOODEN INTERIOR DOORS
- POWDER COATING
- ACRYLIC PAINTING





# CONTENTS

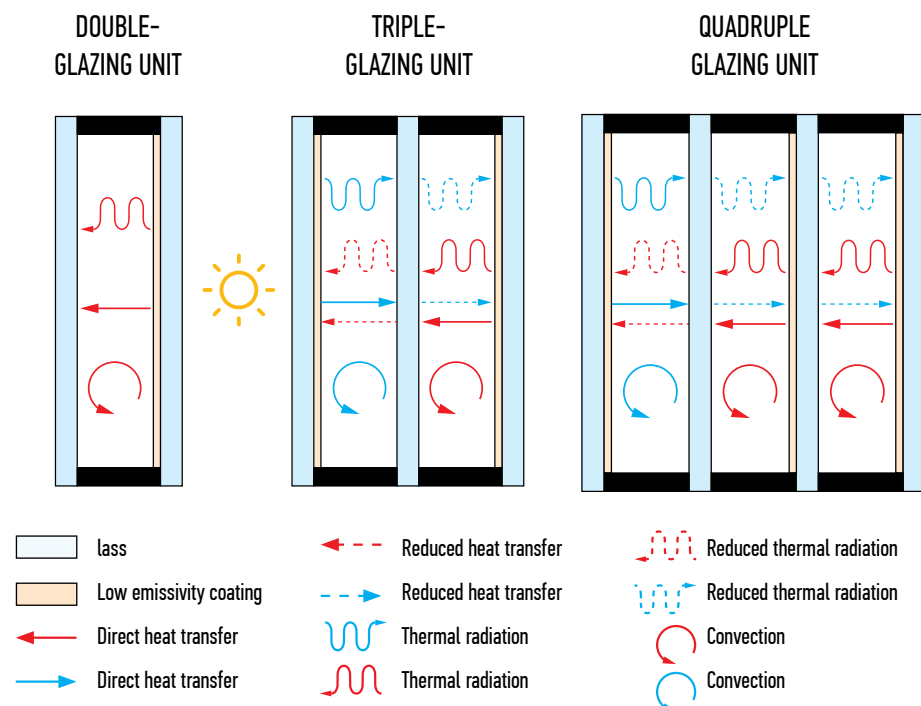
|                                                          |           |                                                                     |            |
|----------------------------------------------------------|-----------|---------------------------------------------------------------------|------------|
| <b>WINDOWS</b>                                           | <b>10</b> | DECORATIVE ORNAMENTAL GLASS                                         | 86         |
| COMPARISON TABLE                                         | 12        | HARDWARE AND HANDLES                                                | 88         |
| ADDITIONAL ACCESSORIES                                   | 15        | <b>EXTERNAL ROLLER SHUTTERS AND VENETIAN BLINDS. SHUTTERS</b>       | <b>90</b>  |
| DECORATION                                               | 16        | VENETIAN BLINDS                                                     | 92         |
| HARDWARE AND HANDLES                                     | 19        | EXTERNAL ROLLER SHUTTERS AND VENETIAN BLINDS/ FRONT MOUNTING MODELS | 94         |
| <b>SLIDING WINDOW SYSTEMS</b>                            | <b>22</b> | EXTERNAL ROLLER SHUTTERS (ZIP SYSTEM) SHUTTERS                      | 96<br>97   |
| SYSTEMS                                                  | 24        | <b>INTERIOR BLINDS</b>                                              | <b>98</b>  |
| <b>WINTER GARDENS FROM WOOD AND ALUMINIUM</b>            | <b>32</b> | ROLL-UP BLINDS                                                      | 100        |
| <b>INSULATED GLASS UNITS</b>                             | <b>36</b> | SCREEN TECHNOLOGY                                                   | 104        |
| WARM EDGE SPACER                                         | 40        | VERTICAL BLINDS                                                     | 104        |
| SOUND PROOFING                                           | 42        | PLEATED BLINDS                                                      | 106        |
| <b>GLASS SYSTEMS</b>                                     | <b>44</b> | HORIZONTAL BLINDS                                                   | 108        |
| BALCONY AND RESTAURANTS GLAZINGS                         | 46        | ROMAN BLINDS                                                        | 109        |
| PARTITIONS                                               | 48        | WOODEN HORIZONTAL BLINDS                                            | 110        |
| VERTICAL GLASS SLIDING                                   | 49        | <b>INSECT SCREENS</b>                                               | <b>112</b> |
| SHOWER CABIN                                             | 50        | <b>GARAGE DOORS</b>                                                 | <b>116</b> |
| <b>RAILINGS AND GLASS OVERHANGS</b>                      | <b>54</b> | SECTIONAL GARAGE DOORS                                              | 118        |
| <b>ENTRANCE DOORS</b>                                    | <b>58</b> | AUTOMATION FOR SECTIONAL GARAGE DOORS                               | 120        |
| PROFILES                                                 | 60        | SECTIONAL GARAGE DOORS – INDUSTRIAL GARAGE DOORS                    | 121        |
| THERMOPANELS                                             | 70        | AUTOMATION FOR SECTIONAL DOORS – INDUSTRIAL                         | 122        |
| HARDWARE AND HANDLES                                     | 76        | GARAGE DOORS “UP-AND-OVER”                                          | 124        |
| <b>INTERIOR DOORS</b>                                    | <b>78</b> | ROLLER TYPE GARAGE DOORS                                            | 125        |
| WOODEN INTERIOR DOORS                                    | 81        | AUTOMATION FOR ROLLER GARAGE DOORS AND SHUTTERS                     | 126        |
| CHARACTERISTICS                                          | 83        | <b>CONSUMER STANDARDS/ WARRANTIES</b>                               | <b>129</b> |
| SOLID WOOD INTERIOR DOORS                                | 84        |                                                                     |            |
| PVC, ALUMINIUM, ALUMINIUM WITH GLASS AND WOOD WITH GLASS | 85        |                                                                     |            |

# WHAT WE GET FROM WINDOWS?

## 1. GUARANTEED ENERGY EFFICIENCY (THERMAL INSULATION)



In matters related to the energy efficiency and thermal insulation of buildings, particular attention is paid to the windows, as they account for up to 40 % of heat loss.



\* Due to the two separate hermetically sealed chambers and low emissivity coatings, losses from heat transfer are curbed with the triple-glazed unit.

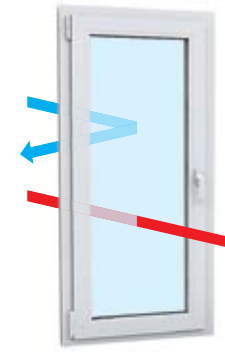
### What does improved thermal insulation mean?

It is a combination of:

- The choice of profile
- IGU selection
- The choice of a warm edge spacer/High selective spacer

\*\*\* The wider the profile, the better thermal insulation is achieved, especially in combination with a triple-glazing unit with 2 coated panes and argon gas.

For more information – Page 38



### ROLLPLAST ENERGY SAVE | ENERGY SAVE PLUS\*

This window offers incredibly good thermal insulation characteristics. It is recommended for northern and eastern exposures due to the specifics of the unit used for its construction. It is not suitable for southern or western exposures unless additional solar protection is provided, as the sun rays penetrate the glass during the hot summer days and they can heat the living space significantly.



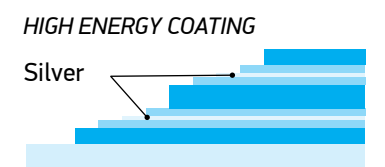
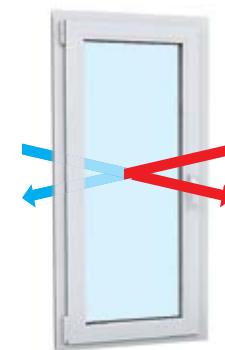
## 2. FOR BETTER SOLAR PROTECTION



Solar protection of a room can be achieved using several different products – exterior blinds, exterior shutters, interior blinds and units with high energy coating.

High-energy glass 4S Evolution is with one silver coating

High-energy glass + is with two silver coating.



### ROLLPLAST THERMO REFLECT PLUS

This product features the advantages of the Energy Save window, however, the additional coverage of the external glass reduces the penetration of solar heat in the living space. This contributes to a pleasant interior environment, as well as to a reduction in air conditioning related expenses during the summer days. This window is suitable for southern and western exposures, where there is strong sunshine, and it prevents the building from heating up.

### 3. FOR BETTER SOUND PROOFING



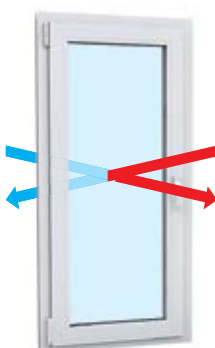
The dynamic daily life and car traffic in the big city, combined with the constant construction and repair works make us pay more and more attention to one serious factor – noise, on which our daily comfort and health depends on.

The following elements are also crucial for increasing sound proofing:

- Choosing the right profile
- Tripple rubber sealing of the frame
- A thick reinforcing profile
- Choosing the right combination of glass panes
- Good sealing with mounting foam and subsequent finishing works

\*\*\* The most crucial element is the combination of panes in the unit.

For more information – Page 42



#### ROLLPLAST SOUND COMFORT

The unique characteristics of this window make it suitable for residential buildings, schools and hospitals in the vicinity of busy streets and crossroads and practically mandatory for buildings located close to motorways, airports and industrial regions.

### 4. FOR BETTER SECURITY

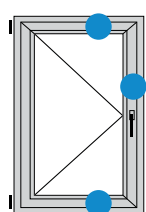


Statistics show that the most frequent break-in attempts are done through the windows. Rollplast offers products with a basic security Basis+, with a minimum of 2 security points of locking and a **Toulon Secuforte** handle.

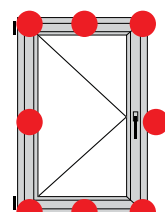
For a higher level of security, we recommend a security hardware with a security level RC2 or RC3 with 7-point locking, a **Toulon Secuforte** handle, with a key and burglary-resistant laminated glass 4.4.2. in at least one of the panes in the IGU.

Some additional elements for increasing the security levels are exterior blinds and shutters.

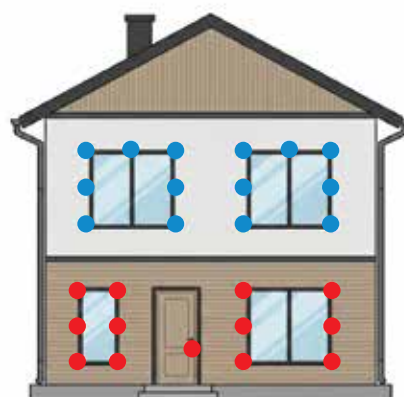
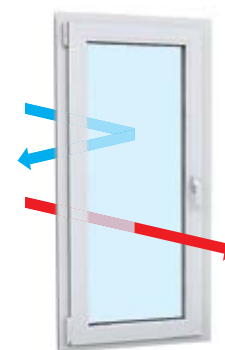
For more information – Page 19



● Basis+



● RC2 or RC3



#### ROLLPLAST GUARD | GUARD PLUS

This window combines excellent thermal insulation with security against an easy break-in into the residence. It is suitable for houses and lower storeys of housing cooperatives, where the danger of a break-in through a window is significantly higher. This window is recommended by insurance and security companies.

### 5. INTERIOR AND EXTERIOR SOLUTIONS



For many customers, window replacement is first and foremost a decision driven by architecture and design. When you seek individuality, we are here to meet your specific requirements regarding:

- Custom Shapes
- Color and Texture
- Decorations and Accents

Thanks to our extensive product range, we can turn your every vision into reality.

\*\*\* If you want the first piece of furniture in your home to be the window, then you should definitely choose wooden profiles for the windows and doors.

### 6. QUALITY INSTALLATION

WHY DETAILS MATTER?



#### Essential conditions for professional installation

To achieve maximum insulation, the process begins with proper preparation of the opening; it must be pre-plastered to ensure excellent adhesion of the sealing materials. Stability is guaranteed through mandatory mechanical fastening with anchors along the bottom horizontal, and for wooden windows – around the entire perimeter.

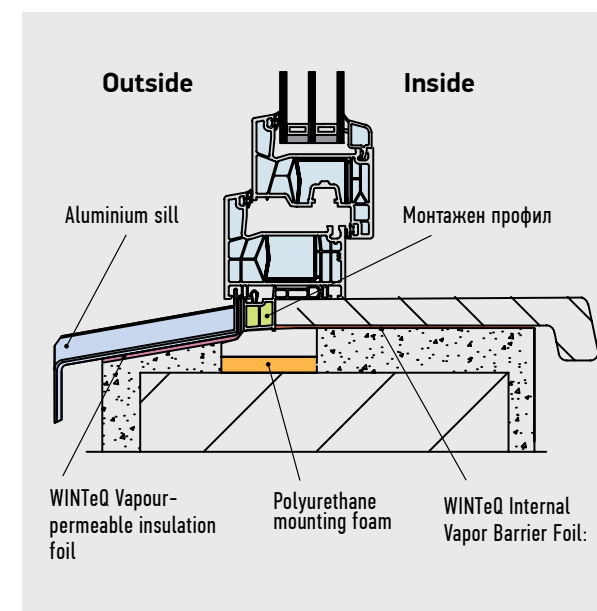
**Our three-level protection system includes:**

**Internal Vapor Barrier Foil:** Blocks moisture from the room entering the foam, eliminating the risk of mold and mildew.

**The Core:** Consists of high-elasticity mounting foam, providing excellent thermal and acoustic insulation without losing volume over time.

**External Vapor-Permeable Foil:** Protects the joint from rain and UV rays while allowing the wall to "breathe."

This combination ensures that the installation zone remains dry and protected for the long term.



# WINDOWS

PVC

WOOD

ALUMINIUM

Windows shape the façade of a home like no other construction element. It is the windows that shape the style of a home. Some of the most significant elements are the size, proportions, form and colours. Apart from the standard rectangular shapes, windows can be created in a multitude of diverse shapes.



| MATERIAL                                                                                             | WOOD                                                                              |                                                                                   | WOOD and ALUMINIUM                                                                 |                                                                                     |
|------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|                                                                                                      | ROLLPLAST<br>92 MM                                                                | ROLLPLAST<br>78 MM                                                                | ROLLPLAST<br>106 MM                                                                | ROLLPLAST<br>92 MM                                                                  |
|                                                                                                      |  |  |  |  |
|  THERMAL INSULATION | Uw = 0.60 – 1.1 W/m²K                                                             | Uw = 0.8 – 1.2 W/m²K                                                              | Uw = 0.55 – 1.1 W/m²K                                                              | Uw = 0.6 – 1.2 W/m²K                                                                |
|  SOUND PROTECTION   | 32 - 46 dB                                                                        | 32 - 44 dB                                                                        | 32 - 44 dB                                                                         | 32 - 44 dB                                                                          |
|  SECURITY          | Basic + RC2                                                                       | Basic + RC2                                                                       | Basic + RC2                                                                        | Basic + RC2                                                                         |
| HARDWARE                                                                                             | ActivPilot Concept                                                                | ActivPilot Concept                                                                | ActivPilot Topstar (Hidden Hardware)                                               | ActivPilot Topstar (Hidden Hardware)                                                |
| PROFILE DIMENSIONS:                                                                                  |                                                                                   |                                                                                   |                                                                                    |                                                                                     |
| FRAME – WIDTH /HEIGHT                                                                                | 92 mm / 78 mm                                                                     | 78 mm / 78 mm                                                                     | 106/78 mm                                                                          | 92/78 mm                                                                            |
| FRAME + SASH                                                                                         | 128 mm                                                                            | 116 mm                                                                            | 136 mm                                                                             | 122 mm                                                                              |
| COLOUR                                                                                               | RAL colours, transparent finishes                                                 | RAL colours, transparent finishes                                                 | RAL colours, transparent finishes                                                  | RAL colours, transparent finishes                                                   |
| ЕДНОСТРАННО ФОЛИРАН                                                                                  | —                                                                                 | —                                                                                 | —                                                                                  | —                                                                                   |
| MEDIUM SEALING                                                                                       | yes                                                                               | yes                                                                               | yes                                                                                | yes                                                                                 |
| SEALING COLOUR                                                                                       | white, beige, brown and black                                                     | white, beige, brown and black                                                     | white, beige, brown and black                                                      | white, beige, brown and black                                                       |
| INSULATED GLASS UNITS                                                                                |                                                                                   |                                                                                   |                                                                                    |                                                                                     |
| DOUBLE                                                                                               | —                                                                                 | 32 mm                                                                             | —                                                                                  | —                                                                                   |
| TRIPLE                                                                                               | 46 mm                                                                             | 40 mm                                                                             | 48 mm                                                                              | 48 mm                                                                               |
| QUADRUPLE                                                                                            | 56 mm                                                                             | —                                                                                 | 66 mm                                                                              | 56 mm                                                                               |
| ALUMINIUM CAP                                                                                        | yes                                                                               | yes                                                                               | yes                                                                                | yes                                                                                 |
| WARRANTY/ PROFILES, HARDWARE. INSTALLATION                                                           | 2 years                                                                           | 2 years                                                                           | 2 years                                                                            | 2 years                                                                             |

| PVC                                                                                 |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| TROCAL 88                                                                           | TROCAL 76 WITH SASH<br>82 MM                                                        | TROCAL 76                                                                           | TROCAL 70                                                                           | PROFIN 70                                                                           |
|  |  |  |  |  |
| Uw = 0.6 – 0.95 W/m²K                                                               | Uw = 0.70 – 0.95 W/m²K                                                              | Uw = 0.85 – 1.1 W/m²K                                                               | Uw = 0.95 – 1.3 W/m²K                                                               | Uw = 0.95 – 1.3 W/m²K                                                               |
| 34 - 46 dB                                                                          | 34 - 46 dB                                                                          | 34 - 46 dB                                                                          | 32 - 44 dB                                                                          | 32 - 44 dB                                                                          |
| Basic + RC2                                                                         | Basic + RC2                                                                         | Basic + RC2                                                                         | Basic + RC2                                                                         | Basic                                                                               |
| ActivPilot Concept                                                                  | ActivPilot Concept                                                                  | ActivPilot Concept                                                                  | ProPilot/ActivPilot                                                                 | ProPilot                                                                            |
| 88 mm / 78 mm                                                                       | 82 mm / 78 mm                                                                       | 76 mm / 67 mm                                                                       | 70 mm / 66 mm                                                                       | 70 mm / 66 mm                                                                       |
| 116 mm                                                                              | 116 mm                                                                              | 116 mm                                                                              | 118 mm                                                                              | 118 mm                                                                              |
| white, golden oak, walnut, dark oak, sapele, anthracite +RAL                        | white, golden oak, walnut, dark oak, sapele, anthracite +RAL                        | white, golden oak, walnut, dark oak, sapele, anthracite +RAL                        | white, golden oak, walnut, dark oak, sapele, anthracite +RAL                        | white                                                                               |
| —                                                                                   | anthracite                                                                          | anthracite                                                                          | anthracite                                                                          | —                                                                                   |
| yes                                                                                 | yes                                                                                 | yes                                                                                 | of the sash                                                                         | no                                                                                  |
| grey / black                                                                        | grey / black                                                                        | grey / black                                                                        | grey / black                                                                        | grey / black                                                                        |
| —                                                                                   | —                                                                                   | —                                                                                   | 24 mm                                                                               | 24 mm                                                                               |
| 46 mm                                                                               | 48 mm for Sash, 44 mm for Fixed Frame                                               | 44 mm                                                                               | 38 mm                                                                               | —                                                                                   |
| 56 mm                                                                               | 62 mm for Sash, 60 mm for Fixed Frame                                               | —                                                                                   | —                                                                                   | —                                                                                   |
| yes / RAL / film                                                                    | yes / RAL / film                                                                    | yes / RAL / film                                                                    | no                                                                                  | no                                                                                  |
| 2 years                                                                             | 2 years                                                                             | 2 years                                                                             | 2 years                                                                             | 2 years                                                                             |

| MATERIAL                                                                                             | ALUMINIUM                                                                         |                                                                                   |                                                                                   |                                                                                    |                                                                                     |
|------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|                                                                                                      | SCHÜCO<br>AWS 90.SI+                                                              | REYNAERS<br>ML 8                                                                  | REYNAERS<br>CS 77                                                                 | ORBIS<br>71                                                                        | FLUXIS<br>60                                                                        |
|                                                                                                      |  |  |  |  |  |
|  THERMAL INSULATION | Uw = 0.6 - 0.93 W/m²K                                                             | Uw = 0.7 - 1.4 W/m²K                                                              | Uw = 0.8 - 1.4 W/m²K                                                              | Uw = 0.7 - 1.7 W/m²K                                                               | Uw = 1.3 - 2 W/m²K                                                                  |
|  SOUND PROTECTION   | до 46 dB                                                                          | до 46 dB                                                                          | 36 - 42 dB                                                                        | 34 - 46 dB                                                                         | 34 - 42 dB                                                                          |
|  SECURITY           | Basic + RC2                                                                       | Basic + RC2                                                                       | Basic + RC2                                                                       | Basic + RC2                                                                        | Basic + RC2                                                                         |
| HARDWARE                                                                                             | Schüco                                                                            | AluPilot                                                                          | ActivPilot Concept                                                                | ActivPilot Concept / ActivPilot Topstar (Hidden Hardware)                          | ActivPilot                                                                          |
| PROFILE DIMENSIONS:                                                                                  |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |
| FRAME – WIDTH / HEIGHT                                                                               | 90 mm / 64 mm                                                                     | 77 mm / 60 mm                                                                     | 68 mm / 64 mm                                                                     | 71 mm / 60 mm                                                                      | 60 mm / 57.5 mm                                                                     |
| FRAME + SASH                                                                                         | 107 mm                                                                            | 104 mm                                                                            | 102 mm                                                                            | 105 mm                                                                             | 102 mm                                                                              |
| COLOUR                                                                                               | RAL / wood effect, Textured finish                                                | RAL / wood effect, Textured finish                                                | RAL / wood effect, Textured finish                                                | RAL / wood effect, Textured finish                                                 | RAL / wood effect, Textured finish                                                  |
| MEDIUM SEALING                                                                                       | yes                                                                               | yes                                                                               | yes                                                                               | yes                                                                                | yes                                                                                 |
| SEALING COLOUR                                                                                       | black                                                                             | black                                                                             | black                                                                             | black                                                                              | black                                                                               |
| INSULATED GLASS UNITS                                                                                |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |
| DOUBLE                                                                                               | —                                                                                 | —                                                                                 | —                                                                                 | —                                                                                  | 24 mm                                                                               |
| TRIPLE                                                                                               | 46 mm                                                                             | 46 mm                                                                             | 46 mm                                                                             | 46 mm                                                                              | 44 mm                                                                               |
| QUADRUPLE                                                                                            | 62 mm                                                                             | 62 mm                                                                             | —                                                                                 | —                                                                                  | —                                                                                   |
| ALUMINIUM CAP                                                                                        | —                                                                                 | —                                                                                 | —                                                                                 | —                                                                                  | —                                                                                   |
| WARRANTY/ PROFILES, HARDWARE. INSTALLATION                                                           | 2 years                                                                           | 2 years                                                                           | 2 years                                                                           | 2 years                                                                            | 2 years                                                                             |

ADDITIONAL ACCESSORIES

The selection of a window does not simply come down to the choice of profile and IGU. There are a number of accessories which give the window a finished look, whereas some can be perceived as interior design solutions.

WOODEN INTERIOR WINDOW SILLS

Wooden interior window sills provide a warm, finished look to any window opening. Each unit is custom-made to precisely match the specific width of the wall. Our extensive color palette offers a wide range of possibilities, including the option for RAL powder coating, ensuring perfect harmony with your home’s interior.



INTERIOR PVC SILLS

Available in the following widths and colours:

- 150 mm – white, golden oak, anthracite, dark oak, walnut
- 200 mm – white, golden oak, anthracite, dark oak, walnut
- 250 mm – white, golden oak, anthracite, dark oak, walnut
- 300 mm – white, golden oak
- 380 mm – available in white only

ALUMINUM WINDOW SILLS

Aluminum window sills are kept in stock in the following standard colors and sizes (in cm): Available sizes (11 cm, 15 cm, 17 cm, 21 cm, 23 cm, 25 cm, 28 cm): Available in White, Brown (RAL 8014), and Anthracite (RAL 7016).

Large sizes: 30 cm: Available in White and Brown. 34 cm and 38 cm: Available in White only.

Customization: All sizes of aluminum window sills can be custom powder-coated in any color from the RAL catalog upon the customer's request.





## DECORATIVE SURFACE-MOUNTED DECORATIVE BARS

Decorative bars are the perfect element to complement and emphasize the architectural style of your home's facade. We offer solutions in both PVC and wood to help you achieve the desired aesthetic effect.

The exterior decorative bars complement the exterior of your house. They are available in the following dimensions: 26 mm, 35 mm, 50 mm. They can be made of PVC, aluminium or wood in the following palette: white, golden oak, walnut, sapele, dark oak, anthracite and RAL painting.

Decorative bars from wood come in sizes from 24 mm to 50 mm.

Available colors: transparent varnish and RAL paint.



## DECORATIVE SURFACE-MOUNTED INTERNAL BARS

The interior decorative bars are an accessory to the window and they give your home an individual style and aesthetics. They can be used to construct figures which are placed in the IGU and attached to the spacer. They are available in different sizes and colours.

- Decorative astragal bars 8 mm

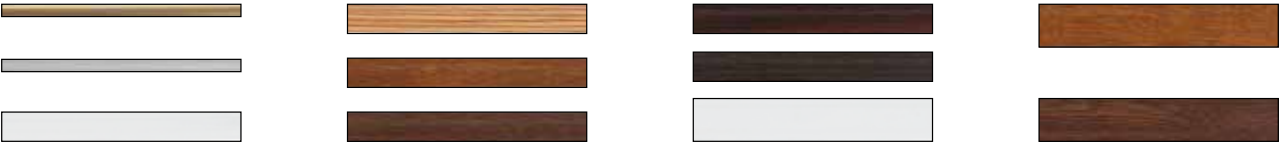
Available colours: white, golden, matte silver + RAL paint one side and double side
- Decorative astragal bars 18 mm

Available colours: white, golden oak, dark oak, mahogany, walnut + RAL paint one side and double side
- Decorative astragal bars 26 mm

Available colours: white, golden oak, dark oak, walnut + RAL paint one side and double side

Minimal dimensions for inside the glass units astragal bars and TWIN bars in width and height are 180 mm x 200 mm.

TWIN system and astragal bars inside the glazing are not available for thermoplastic TPS spacer.



## TECHNICAL BASE PROFILES

### Purenit and EPS – Technical Base Profiles

Purenit is a high-tech, high-density composite material (PUR/PIR) that combines mechanical strength with outstanding insulation properties. It is the preferred choice for load-bearing sub-frame profiles in heavy-duty constructions. For wood and aluminum windows, we offer a specialized EPS base profile, which provides reliable thermal insulation and breaks the thermal bridge at the base of the window.

Available thicknesses: 30 mm, 40 mm, 60 mm, 80 mm, and 100 mm.

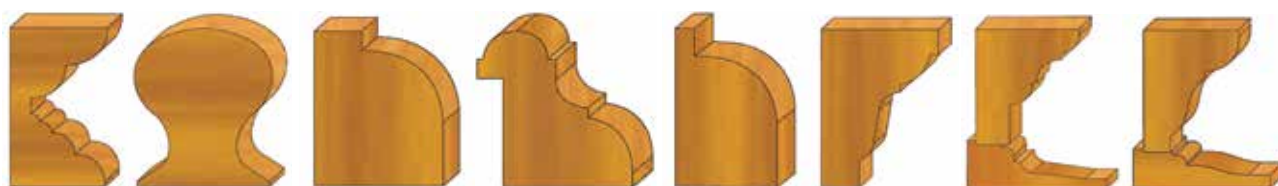


### TECHNICAL ADVANTAGES:

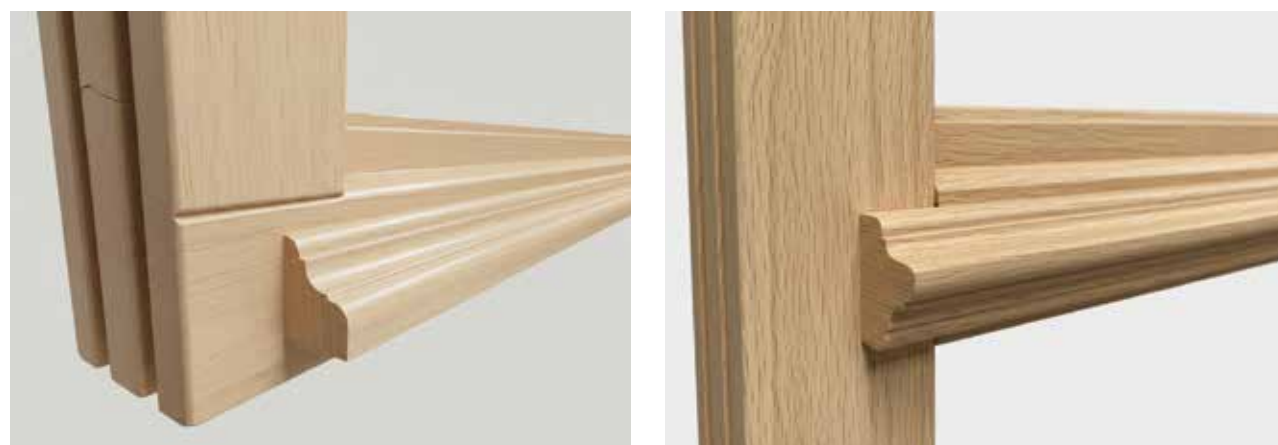
- **Thermal Efficiency:** Eliminates linear thermal bridges and prevents condensation.
- **Water Resistance:** Complete resistance to moisture, mold, and rot; the materials maintain their geometry and structural integrity even when in contact with water.

## DECORATIVE ELEMENTS FOR WOODEN WINDOWS AND DOORS

For projects featuring classical architecture and specific attention to detail, we offer wooden profiles with decorative milling. This technology allows for the precision crafting of profile edges, giving them an elegant relief and an authentic "retro" appearance.



**Application:** Ideally suited for windows and doors in the restoration of cultural heritage buildings, as well as for new projects designed in a classical style.



## ActivPilot CONCEPT/ Winkhaus (latest generation hardware for Tilt and Turn windows)

ActivPilot is a latest generation hardware system offered by Rollplast. It combines a contemporary design with a high level of functionality.

The activPilot Concept is a tilt-and-turn hardware system, delivered as standard with an enhanced security level (Basis+ burglar-resistant hardware).

This is achieved through:

- **Unified Locking Elements:** All locking points on the window sash feature "mushroom-head security bolts."
- **Modular Security:** Higher security classes (RC1/WK1, RC2/WK2) are achieved by simply replacing the standard keeps with security keeps.



**ПРИЛОЖЕНИЕ: APPLICATION:** This modularity allows existing windows to be upgraded to a higher security level even after installation.

## ActivPilot Topstar (hidden hardware)

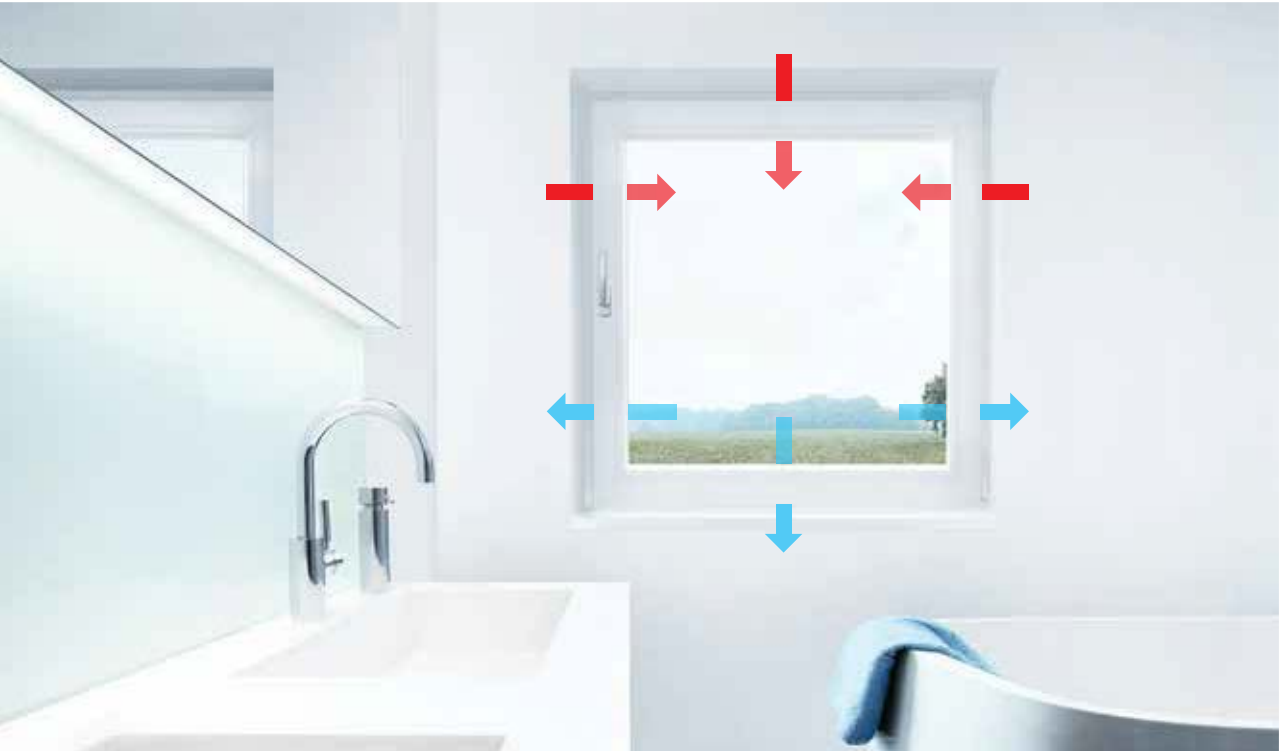


The activPilot Topstar system offers fully concealed window hardware, meeting the highest standards for modern design and aesthetics.



This system is the ideal solution for large windows and heavy sashes, as it is engineered to support a sash weight of up to 150 kg.

ActivPilot Topstar is a versatile solution, available for windows made of PVC, aluminum, or wood.



ActivPilot Comfort PADK  
(hardware for parallel opening)

Based on the ActivPilot module system, Rollplast offers a completely new hardware concept – ActivPilot PADK, which allows the sash to be brought out 6 mm parallel from the frame along the entire perimeter of the window.

MAIN ADVANTAGES:

- **Continuous Ventilation:** Provides constant and natural room ventilation through air convection.
- **Protection against Moisture and Mold:** Ideal for second homes or any property, as continuous ventilation prevents the buildup of moisture and the growth of mold.
- **Guaranteed Security:** Unlike traditional opening methods, the activPilot PADK maintains its burglar-resistant protection even when the sash is in the parallel-open position, achieving the high security class RC2 / WK2.

With activPilot PADK, you get added value for your windows: natural ventilation and guaranteed security at the same time.



**AluPilot** is an innovative, high-performance hardware system for aluminum windows. It supports a sash weight of up to 130 kg (up to 150 kg with the Topstar version) and offers flexibility for various profiles, including the option for fully concealed hinges. The system guarantees high security (RC2 class) and smooth operation, thanks to its robust components made of zinc and high-quality composite materials.

FOR PVC, ALUMINIUM AND WOODEN WIN-  
DOWS AND BALCONY DOORS

HARMONY



NEW YOURK SECUSTIK



TOULON SECUFORTE



THEMA

SARA

CHIARA

TANJA

HANDLE SNAPPER



# SLIDING SYSTEMS

Sliding systems represent an exceptionally efficient and modern solution when the goal is to optimize space and achieve wide openings.

## ADVANTAGES AND APPLICATIONS:

- Balcony and Terrace Enclosures: Provide panoramic views and easy access without taking up space when opened.
- Space Management: Ideal for the functional partitioning of large, multi-purpose halls and zones in offices or homes.
- Restaurants and Hospitality: An excellent solution for dividing and utilizing areas, especially when creating outdoor or semi-open zones.
- Winter Gardens: Allow for easy ventilation adjustment and quick access to the yard or terrace.

The key advantage of all sliding variants is that they require no additional clearance to open, eliminating "dead zones" and ensuring maximum utilization of the available floor area.



| TYPE                                                                                                 | LIFT-AND-SLIDE WINDOWS                                                            |                                                                                   |                                                                                    |                                                                                     |
|------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| MATERIAL                                                                                             | WOOD                                                                              | WOOD                                                                              | AL                                                                                 | AL                                                                                  |
|                                                                                                      | ROLLPLAST 92 MM<br>HA92 MM                                                        | IV 78<br>HA78 MM                                                                  | SCHÜCO<br>ASE 80.HI                                                                | REYNAERS<br>MASTER PATIO                                                            |
|                                                                                                      |  |  |  |  |
|  THERMAL INSULATION | Uw = 0.7 – 1.1<br>W/m²K                                                           | Uw = 0.7 – 1.2<br>W/m²K                                                           | Uw = 0.99<br>W/m²K                                                                 | Uw = 1.1 - 1.6<br>W/m²K                                                             |
|  SOUNDPROOF-<br>ING | 32 - 39 dB                                                                        | 32 - 44 dB                                                                        | до 45 dB                                                                           | 32 - 36 dB                                                                          |
|  SECURITY          | Basic                                                                             | Basic                                                                             | Basic + RC2                                                                        | Basic                                                                               |
| HARDWARE                                                                                             | HauTau                                                                            | HauTau                                                                            | Schüco                                                                             | HauTau                                                                              |
| PROFILE DIMENSIONS:                                                                                  |                                                                                   |                                                                                   |                                                                                    |                                                                                     |
| APRON – WIDTH /<br>HEIGHT                                                                            | 184 mm / 50 mm                                                                    | 184 mm / 56 mm                                                                    | 180 mm / 40 mm                                                                     | 180 mm/60 mm                                                                        |
| APRON + SASH                                                                                         | 194 mm                                                                            | 153 mm                                                                            | 172                                                                                | 140 mm                                                                              |
| COLOUR                                                                                               | RAL colours, wood<br>colours and trans-<br>parent colours                         | RAL colours, wood<br>colours and trans-<br>parent colours                         | RAL with wood<br>effect                                                            | RAL with wood<br>effect                                                             |
| MEDIUM SEALING                                                                                       | yes                                                                               | yes                                                                               | —                                                                                  | —                                                                                   |
| SEALING COLOUR                                                                                       | white, beige, brown<br>and black                                                  | white, beige, brown<br>and black                                                  | black                                                                              | black                                                                               |
| INSULATED<br>GLASS UNITS:                                                                            |                                                                                   |                                                                                   |                                                                                    |                                                                                     |
| DOUBLE                                                                                               | —                                                                                 | —                                                                                 | —                                                                                  | —                                                                                   |
| TRIPLE                                                                                               | IV92 mm - 46 mm<br>HA92 mm - 52 mm                                                | IV78 mm - 40 mm<br>HA78 mm - 40 mm                                                | 46 mm                                                                              | 46 mm                                                                               |
| QUADRUPLE                                                                                            | IV92 mm - 56 mm<br>HA92 mm - 56 mm                                                | —                                                                                 | 56 mm                                                                              | —                                                                                   |
| ALUMINIUM CAP                                                                                        | yes / RAL                                                                         | yes / RAL                                                                         | —                                                                                  | —                                                                                   |
| WARRANTY /<br>INSTALLATION                                                                           | 2 years                                                                           | 2 years                                                                           | 2 years                                                                            | 2 years                                                                             |

| LIFT-AND-SLIDE WINDOWS                                                              |                                                                                     | PRESS-AND-SLIDE WINDOWS                                                             | FOLDING-SLIDING WINDOWS                                                             |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| AL                                                                                  | PVC                                                                                 | PVC                                                                                 | AL                                                                                  |
| REYNAERS<br>CP 130                                                                  | PREMIDOOR 179<br>PREMIDOOR 179 LUX                                                  | PREMISLIDE                                                                          | SCHÜCO<br>ASS 80 FD.HI                                                              |
|  |  |  |  |
| Uw = до 1,40<br>W/ m²K                                                              | Uw = 1.1 - 1.4<br>W/ m²K                                                            | Uw = 0.8 -1.30<br>W/m²K                                                             | Uw = 1.3<br>W / m2K                                                                 |
| до 39 dB                                                                            | 32 - 39 dB                                                                          | 34-47 dB                                                                            | до 47 dB                                                                            |
| Basic                                                                               | Basic                                                                               | Basic                                                                               | Basic + RC2                                                                         |
| HauTau                                                                              | Winkhaus                                                                            | Prime Port AS                                                                       | Schüco                                                                              |
| 139 mm / 53 mm                                                                      | 179 mm / 50 mm                                                                      | 153 mm / 65 mm                                                                      | 80 mm / нисък праг Zero                                                             |
| 125 mm                                                                              | 150 mm                                                                              | 145 mm                                                                              | от 112 до 134,5 mm                                                                  |
| RAL with wood effect                                                                | white, golden oak, walnut,<br>anthracite, one-sided<br>anthracite, RAL              | white, golden oak, walnut,<br>anthracite                                            | RAL with wood effect                                                                |
| —                                                                                   | yes                                                                                 | —                                                                                   | —                                                                                   |
| black                                                                               | grey / black                                                                        | black                                                                               | black                                                                               |
| —                                                                                   | —                                                                                   | —                                                                                   | —                                                                                   |
| 40 mm                                                                               | 44 mm                                                                               | 44 mm                                                                               | 46 mm                                                                               |
| —                                                                                   | —                                                                                   | —                                                                                   | —                                                                                   |
| —                                                                                   | yes / RAL                                                                           | —                                                                                   | —                                                                                   |
| 2 years                                                                             | 2 years                                                                             | 2 years                                                                             | 2 years                                                                             |

| TYPE                                                                                                 | STANDARD SLIDING WINDOWS                                                          |                                                                                     |
|------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| MATERIAL                                                                                             | AL                                                                                | PVC                                                                                 |
|                                                                                                      | EKO                                                                               | PREMILINE 80                                                                        |
|                                                                                                      |  |  |
|  THERMAL INSULATION | —                                                                                 | Uw = до 2.6 W/(m²K)                                                                 |
|  SOUNDPROOFING      | —                                                                                 | —                                                                                   |
|  SECURITY          | Basic                                                                             | Basic                                                                               |
| HARDWARE                                                                                             | system                                                                            | Winkhaus                                                                            |
| PROFILE DIMENSIONS:                                                                                  |                                                                                   |                                                                                     |
| APRON – WIDTH / HEIGHT                                                                               | 40 mm / 44 mm                                                                     | 80 mm / 61 mm                                                                       |
| APRON + SASH                                                                                         | 99 mm                                                                             | 137 mm                                                                              |
| COLOUR                                                                                               | RAL with wood effect                                                              | white, golden oak, walnut, anthracite, RAL                                          |
| MEDIUM SEALING                                                                                       | no                                                                                | no                                                                                  |
| SEALING COLOUR                                                                                       | black                                                                             | grey / black                                                                        |
| INSULATED GLASS UNITS                                                                                |                                                                                   |                                                                                     |
| DOUBLE                                                                                               | 18 mm                                                                             | 24 mm                                                                               |
| TRIPLE                                                                                               | —                                                                                 | —                                                                                   |
| QUADRUPLE                                                                                            | —                                                                                 | —                                                                                   |
| ALUMINIUM CAP                                                                                        | —                                                                                 | —                                                                                   |
| WARRANTY / INSTALLATION                                                                              | 2 years                                                                           | 2 years                                                                             |

LIFT-AND-SLIDE WINDOWS

HEBE-SCHIEBE



Produced from:

PVC profiles – Premidoor 179;  
Wooden profiles – IV78, HA78, IV92, HA92;  
Aluminium profiles – Reynaers Master Patio, Reynaers CP130, Schüco ASE 80.HI

Manufactured in large sizes

| MAXIMUM PERMISSIBLE VALUES  |                               |                               |
|-----------------------------|-------------------------------|-------------------------------|
|                             | Premidoor 179 WHITE           | Premidoor 179 FOILED          |
| WIDTH                       | width: 6,5 m<br>height: 2,6 m | width: 6,5 m<br>height: 2,4 m |
| SASH                        | width: 3 m<br>height: 2,4 m   | width: 2,4 m<br>height: 2,3 m |
| Maximum leaf weight: 400 kg |                               |                               |

- Wooden Lift and Slide Systems:  
Maximum Frame Size: Width up to 6.5 m / Height up to 3.40 m
- Aluminum Lift and Slide Systems:  
Maximum Frame Size: Width up to 7.0 m / Height up to 3.40 m str.
- High levels of thermal insulation –  
Uw = 0.8–1.3 W/m²K, depending on the type of unit;
- Installation options – recommended for garden glazing in houses (winter or summer gardens), establishments;
- Warranty – 2 years for the installation;
- Available option for placing a "clam" type of snap handle

HANDLES FOR LIFT-AND-SLIDE SLIDING SYSTEM

TOULON

KIT:

  
white

  
grey 9007

  
black matt 9005

THE KIT INCLUDES:

- One-sided (standard) handle
- Built-in handle

TOULON

  
white

  
grey 9007

  
black matt 9005

THE KIT INCLUDES:

- Double sided handle with cylinder

FOLDING-SLIDING WINDOWS



The **Schüco ASS 80 FD.HI** is a high-tech folding door system that combines maximum thermal insulation with an elegant design.

TECHNICAL FEATURES

- Exceptional Thermal Insulation:** Thanks to HI (High Insulation) technology, the system achieves a thermal transmittance coefficient as low as 1.0 W/m²K, making it ideal for sustainable construction and energy-efficient projects.
- Flexibility and Dimensions:** Allows for the fabrication of sashes with a width of up to 1200 mm and a height of up to 3000 mm, with a total sash weight reaching up to 100 kg.
- Comfort and Design:** The folding elements operate exceptionally smoothly and quietly. The system features ultra-slim sightlines (starting from 112 mm), which maximizes the clear opening and provides a modern look to the facade.

**Durability and Resistance:** Provides excellent protection against wind and driving rain, along with a high degree of acoustic insulation and security (burglar resistance up to class RC2).

This system is the ideal choice for transitions to terraces or gardens where a full opening of the space is desired without compromising on energy efficiency.

HANDLES

NEW YOURK SECUSTIK

  
bronze

  
grey 9006

  
brown 8707

  
white

  
white with a key

  
brown 8707 with a key

  
grey 9006 with a key

  
bronze with a key

  
brown 8707 with a button

TOULON SECUFORTE

  
white

  
grey 9007

  
anthracite 7016

  
bronze

  
brown 8707

  
black matt 9005

THEMA

SARA

CHIARA

TANJA

  
inox

  
inox

  
inox

  
inox

PARALLEL SLIDING



Made of:

**PVC** – Trocal 70 mm, 76 mm, 88 mm  
**Wooden profile** – IV 78 mm, HA 78 mm, IV 92 mm  
**Aluminium systems with thermal breaks**  
– Orbis 71 и Fluxis 60, Schüco AWS 90.SI+ и Reynaers C77;

**Large dimensions are an advantage** – width of the sash up to 2.00 m and height up to 2.70 m. This allows for the construction of positions with a width of the opening part of up to 3.20 m;

**Colour options available from the catalogue**, one-sided or two-sided tinting and RAL painting;

**Choice of colour from the RAL catalogue** for aluminium profiles and painting in wood décor;

**High levels of thermal insulation** - Uw up to 1.0 W/m2K, depending on the choice of profile and IGU;

**Warranty** – 2 years for the installation;

HANDLES

for basic hardware

(Applicable for sash weight up to 160 kg)



white

grey

black

HANDLES

for semi-automatic hardware



white

grey

black

Both handle models are also available in a double-sided version with a cylinder lock.

STANDARD SLIDING



For maximum space opening and greater flexibility, the ALUMINUM SYSTEM ECO offers a TRIPLE TRACK variant. This configuration allows for an increased number of sashes and provides the convenience of installing integrated insect screens.

Materials and Profiles:

Fabricated using the Eco Aluminum System (without thermal break) or Trocal 70 mm PVC profiles (Premiline System). Available in: White, Anthracite, Woodgrain imitations: Golden Oak and Walnut

infill Options:

PVC Premiline System: Supports double glazing and thermal panels with a thickness of 24 mm. Eco Aluminum System: Supports infills with a thickness of 18 mm.

Color and Finish Options:

Wide choice of colors from the RAL catalogue for aluminum profiles. Optional wood décor painting finishes.

Applications:

Ideal for balcony glazing and room partitioning. The system is designed with a sealing class suitable for internal partitions or unheated areas where natural ventilation is required.

**Warranty** – 2 years for the installation;

CLICK LOCK FOR SLIDING WINDOWS



black matt 9005 without a key

black matt 9005 with a key

white without a key

white with a key



black matt 9005 with a button

white with a button

built-in handle /for PVC sliding/

# WINTER GARDENS

A winter garden is an element that adds light, spaciousness, and luxury to any home. Rollplast offers premium constructions made from natural WOOD and modern ALUMINUM.

## FUNCTIONAL PERFECTION IN GLAZING:

Our windows and glazing systems for winter gardens are engineered to ensure year-round comfort:

- **Reliable Security:** Integrated security systems ensuring full protection of the space.
- **Premium Insulation:** Exceptional thermal insulation to maintain a pleasant temperature and minimize energy costs during the winter.
- **Acoustic Comfort:** Effective sound insulation that creates an oasis of silence, even in urban environments.

ROLLPLAST OFFERS THE MOST ADVANCED GLAZING SOLUTIONS, INCLUDING:

**Quadruple Glazing:** Available options for quadruple-pane glass units to achieve maximum energy efficiency.

**Specialized Glass Coatings:** Fabricated with water-repellent (hydrophobic) coatings and/or solar control coatings to ensure easy maintenance and prevent overheating.





### WHICH MATERIAL IS THE MOST SUITABLE FOR MAKING A WINTER GARDEN?

Wood is the most important building material for the winter garden. Triple glued timber is used. Advantage is that profiles do not distort withstand higher loads. Wood insulates heat better than any other material.

### GLAZING OF WINTER GARDENS

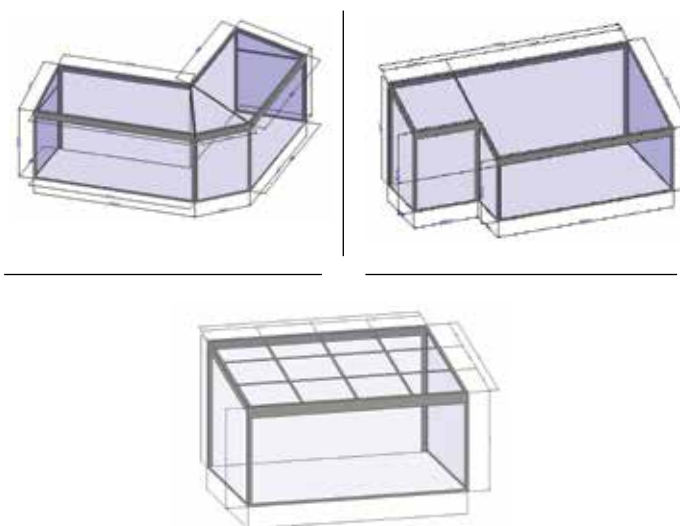
The gardens are glazed with glass units on the side and roof parts, as the glazing of the roof part is special - tempered glass and triplex laminated foiled glasses that provide strength of the glazing, resistance to changing weather conditions - hail, snow, rain. To protect from sunlight are used high energy glasses with low solar factor and low emission glasses for preserving thermal insulation.

### INSULATION FROM WATER AND MOISTURE PENETRATION

A very important and essential part of the good functionality of the winter garden is the absence of leaks from the roof and moisture.

When preparing a project for a winter garden it is extremely important to take into account the implementation of all additional accessories for the overall finished vision and protection of the winter garden, such as - finishing details, cladding, waterproofing details, gutters, etc. Possibilities for additional equipment with awnings, blinds - models designed specifically for winter gardens and glass roofs.

### WINTER GARDEN MODELS



### BIOCLIMATIC

This is a system with aluminum slats that are adjustable at 80 degrees with the possibility of choosing the direction. The control is done with a motor and remote control. Through its opening action, air circulation and the release of heat are facilitated. As a result, a fresher airflow dynamic is established under this construction, providing comfort despite the heat outdoors.

The construction of the Climax consists of high-quality, powder-coated aluminum for maximum stability. The closed slats are designed for a wind load of 1.1 kN/m<sup>2</sup>. Climatic has a maximum load capacity of up to 250 kg/m<sup>2</sup> or a maximum snow load of 60 kg/m<sup>2</sup>. The maximum height of the structure is 300 cm



### PERGOLA

PERGOLA systems bring functionality and style to outdoor spaces, making them a fantastic option when you want to protect an outdoor area from rain, wind and heat all year round. The waterproof, fire-resistant material protects against harmful and uncomfortable UV light and heat, and keeps rainwater out of the space it protects.

Wind resistance is guaranteed up to class 6 according to UNI PR EN13561. Moisture condensation on the fabric is a natural phenomenon and should not be considered a defect. Construction of PERGOLA is powder-coated aluminum, equipped with a supporting painted aluminum gutter. Side part is 100x130 mm, guides and water drainage are integrated into the pergola base.

Available in wall mounting (silver), ceiling or self-supporting aluminum construction from boxes 120x120 mm. For proper water drainage, it must be installed with a minimum slope 8%.



# INSULATED GLASS UNITS





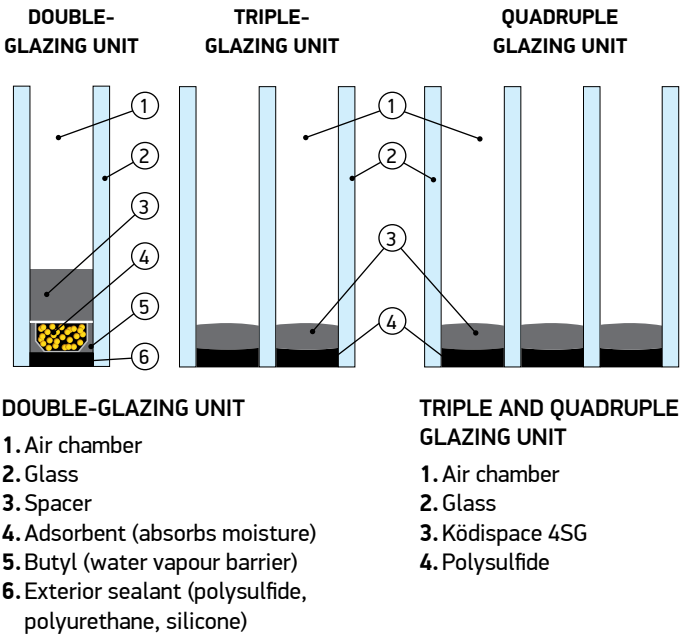
INSULATED GLASS UNITS

The insulated glass unit is a construction of two or more glass panes with air-filled space between them formed by spacers of various sizes and hermetically sealed.

The spacer serves to provide a certain distance between the panes, whereas the moisture sealed with the air during the manufacturing of the insulated glass unit is soaked in by the adsorbent with which the unit is filled.

When implemented correctly, no water can penetrate the inside of the unit and no condensation can occur between the panes.

The unit is about 80 % of the area of the entire window and it has the greatest effect on the insulation features of the window – thermal insulation U (W/m<sup>2</sup> K), soundproofing R (dB), solar protection or solar gain g (%), light transmittance (%).



| Construction | Type of IGU                                                                     | Size, mm | Ug ratio (W/m <sup>2</sup> K), with air | Ug ratio (W/m <sup>2</sup> K), with argon gas | Rw, soundproofing (dB) | Transmittance of ultraviolet rays UV, % | Solar gain, % | Light transmittance, % | Reflection, % |
|--------------|---------------------------------------------------------------------------------|----------|-----------------------------------------|-----------------------------------------------|------------------------|-----------------------------------------|---------------|------------------------|---------------|
|              | SINGLE WHITE PANE                                                               | 4        | 5.8                                     | —                                             | 23                     | 69                                      | 86            | 90                     | 8             |
|              | WHITE/WHITE                                                                     | 24       | 2.70                                    | 2.60                                          | 31                     | 54                                      | 80            | 83                     | 15            |
|              | WHITE/ LOW EMISSION                                                             | 24       | 1.40                                    | 1.10                                          | 31                     | 34                                      | 65            | 82                     | 11            |
|              | HIGH SOLAR/LAMINATED                                                            | 24       | 1.40                                    | 1.10                                          | 33                     | 33                                      | 37            | 70                     | 13            |
|              | TRIPLE GLAZING UNIT HIGH SOLAR + / WHITE / LOW EMISSIVITY                       | 38       | 0.90                                    | 0.70                                          | 29                     | 15                                      | 35            | 64                     | 15            |
|              |                                                                                 | 40       | 0.80                                    | 0.60                                          | 32                     | 15                                      | 35            | 64                     | 15            |
|              |                                                                                 | 44       | 0.70                                    | 0.50                                          | 32                     | 15                                      | 35            | 64                     | 15            |
|              |                                                                                 | 46       | 0.70                                    | 0.50                                          | 33                     | 15                                      | 35            | 64                     | 15            |
|              |                                                                                 | 48       | 0.70                                    | 0.50                                          | 32                     | 15                                      | 35            | 64                     | 15            |
|              | TRIPLE GLAZING UNIT LOW EMISSIVITY / WHITE / LOW EMISSIVITY                     | 38       | 0.90                                    | 0.70                                          | 29                     | 20                                      | 54            | 74                     | 14            |
|              |                                                                                 | 40       | 0.80                                    | 0.60                                          | 32                     | 20                                      | 54            | 74                     | 14            |
|              |                                                                                 | 44       | 0.80                                    | 0.60                                          | 35                     | 20                                      | 54            | 74                     | 14            |
|              | QUADRUPLE GLAZING UNIT HIGH SOLAR + / WHITE / LOW EMISSIVITY / LOW EMISSIVITY   | 46       | 0.70                                    | 0.50                                          | 33                     | 20                                      | 53            | 73                     | 14            |
|              |                                                                                 | 48       | 0.70                                    | 0.50                                          | 32                     | 20                                      | 53            | 73                     | 14            |
|              |                                                                                 | 56       | 0.59                                    | 0.44                                          | 30                     | 11.10                                   | 33            | 59.40                  | 18            |
|              |                                                                                 | 64       | 0.51                                    | 0.38                                          | 31                     | 11.10                                   | 33            | 59.40                  | 18            |
|              | QUADRUPLE GLAZING UNIT LOW EMISSIVITY / WHITE / LOW EMISSIVITY / LOW EMISSIVITY | 66       | 0.49                                    | 0.35                                          | 32                     | 11.10                                   | 33            | 59.40                  | 18            |
|              |                                                                                 | 56       | 0.60                                    | 0.44                                          | 30                     | 18.30                                   | 48            | 67                     | 17            |
|              |                                                                                 | 64       | 0.52                                    | 0.38                                          | 31                     | 18.30                                   | 48            | 67                     | 17            |
|              |                                                                                 | 66       | 0.51                                    | 0.37                                          | 32                     | 18.30                                   | 48            | 67                     | 17            |

Note: The High Solar glass + is Planistar SUN PLUS from Saint-Gobain

SPECIFICATIONS OF THE IGU:

**Thermal transmittance coefficient (Ug)** – indicates the quantity of heat passing through 1 sq.m. of a glazed surface in a measure of time with a temperature difference of 1K between the room air in contact with the glass and the outside air (Ug = W/m<sup>2</sup> K). This is the most significant technical specification of an insulated glass unit, as the lower this value is, the smaller the heat loss and the heating costs will be.

**Soundproofing (Rw)** – the Rw index measures the sound insulation of the unit. The higher the value of this index, the better the soundproofing.

**UV (%)** – penetration of harmful ultraviolet rays causing paint to fade.

**Solar factor (%)** – the sum of the directly transmitted energy and the part of energy absorbed by the glass which is emitted from the glazing to the interior.

The greater the direct reflection of solar energy is from the glass, the lower the solar gain is, along with the costs of air conditioning during the summer months.

**Light transmittance (%)** – transmittance of visible sunlight (natural light). The lower the value is in %,the darker it will be in the room.

**Outside reflection (%)** – the quantity of sunlight reflected from the unit. The higher the reflectance percentage is for the glass, the more prominent its mirroring quality will be. Tthe outside reflection depends on the difference in light between the room and the outdoors. When it is illuminated inside and it is dark outside, visibility outside is reduced.



WARM EDGE SPACER

spacer or “warm edge” for IGUs is used when a spacer with improved thermal insulation qualities is implemented instead of the commonly used aluminium spacer. The High selective spacer offered by Rollplast is made of PVC or stainless steel due to the fact that these materials have lower thermal conductivity. Windows with insulated glass units featuring a High selective spacer can achieve a reduction in the thermal transmittance coefficient of about 7 % while also reducing the risk of condensation or mould on the interior side of the windows.

THERMAL INSULATION OF WINDOWS

Formula for determining the thermal transmittance coefficient of a finished window

$$U_w = \frac{A_g \times U_g + A_f \times U_f + I_g \times Y_g}{A_g + A_f} \quad (1)$$

- U<sub>w</sub>** – thermal transmittance coefficient of the window

**U<sub>g</sub>** – thermal transmittance coefficient of the insulated glass unit

**U<sub>f</sub>** – thermal transmittance coefficient of the profile (frame and sash)

**Y<sub>g</sub>** – linear thermal transmittance coefficient of the spacer

**I<sub>g</sub>** – total length of the spacer
- A<sub>g</sub>** – total area of the glass

**A<sub>f</sub>** – area of the profile (frame and sash)

**U<sub>w</sub>** – to be calculated using formula (1)

**U<sub>g</sub>** – provided by the glass manufacturer

**U<sub>f</sub>** – provided by the profile manufacturer

**BETTER INSULATION:** Understanding the Thermal Transmittance Coefficient (U<sub>w</sub>)The U<sub>w</sub> coefficient indicates how much heat a window loses. The lower theU<sub>w</sub>\$ value, the better the thermal insulation of the window. Using a "warm edge" spacer leads to a significant improvement in this key performance indicator.

| WINDOW TYPE (PROFILE AND GLAZING UNIT)                          | U <sub>w</sub> WITH ALUMINIUM SPACER | U <sub>w</sub> WITH WARM EDGE SPACER | ACHIEVED IMPROVEMENT (SAVINGS)                                    |
|-----------------------------------------------------------------|--------------------------------------|--------------------------------------|-------------------------------------------------------------------|
| PVC 70 mm, Double glazing unit (U <sub>g</sub> = 1.1W/m²K)      | 1,3 W/m²K                            | 1,20 W/m²K                           | 7,7% Better Thermal Insulation                                    |
| PVC 88 mm , Triple glazing unit, (U <sub>g</sub> = 0.6 W/m²K)   | 0.96 W/m²K                           | 0.85 W/m²K                           | 11% Better Thermal Insulation                                     |
| PVC 88 mm, Quadruple glazing unit, (U <sub>g</sub> = 0.42W/m²K) |                                      | 0,74 W/ m²K                          | 13% Superior insulation with triple glazing and warm edge spacers |

**ELIMINATING CONDENSATION:** Standard aluminum spacers create high thermal conductivity along the perimeter of the glass, which is the primary cause of condensation and mold. The "warm edge" spacer increases the temperature at the edge of the glass, eliminating this risk. The key indicator is the Critical Outdoor Temperature (T°C) at which condensation begins to form (calculated at an indoor temperature of 20°C and 50% humidity).

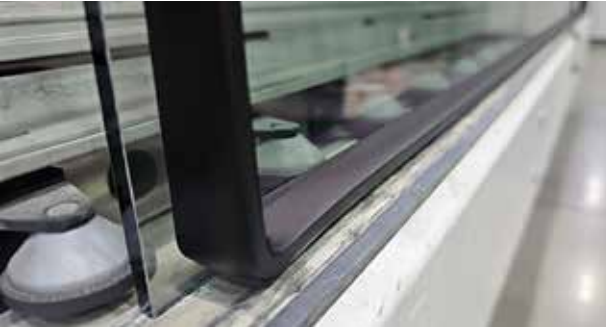
| WINDOW TYPE (PROFILE AND GLAZING UNIT)                          | CRITICAL TEMPERATURE WITH ALUMINIUM SPACER | CRITICAL TEMPERATURE WITH WARM EDGE SPACER | DIFFERNECE                                                         |
|-----------------------------------------------------------------|--------------------------------------------|--------------------------------------------|--------------------------------------------------------------------|
| PVC 70 mm, Double glazing unit (U <sub>g</sub> = 1.1W/m²K)      | -2 ° C                                     | -10° C                                     | 8° C Enhanced Condensation Resistance                              |
| PVC 88 mm, Triple glazing unit, (U <sub>g</sub> = 0.6 W/m²K)    | -5 ° C                                     | -14° C                                     | 9° C Enhanced Condensation Resistance                              |
| PVC 88 mm, Quadruple glazing unit, (U <sub>g</sub> = 0.42W/m²K) |                                            | -20° C                                     | 6° C Superior insulation with triple glazing and warm edge spacers |

TPS (Thermoplastic Spacer)

In the production of our double-glazed units, we integrate **TPS** – an innovative technology for the thermoplastic application of the spacer. We use the premium **Ködispace 4SG** material by the German industry leader **KÖMMERLING**, specifically developed for structural glazing and extreme loads.

WHY IS TPS WITH KÖDISPACE 4SG THE RIGHT CHOICE?

- **Monolithic Structure and 100% Hermetic Seal:** Unlike standard spacers, Ködispace 4SG forms a chemical bond with the glass. This creates a homogeneous barrier that guarantees the lowest possible Argon gas leakage rate.
- **Maximum Energy Efficiency:** Thanks to its minimal thermal conductivity (Psi-value), this technology eliminates the "thermal bridge" along the perimeter. The result is a lower overall thermal transmittance coefficient (U<sub>w</sub>) and reduced heating bills.
- **Long-lasting Elasticity:** The reactive material absorbs stresses from wind loads and large temperature fluctuations without losing its integrity. This makes the insulated glass unit virtually everlasting.
- **Healthy Indoor Climate:** Say goodbye to con-



densation and mold. The insulated edge keeps the glass warm at the corners, preventing moisture buildup in the home.

- **CNC Precision and Superior Aesthetics:** Robotic application ensures millimeter accuracy and an elegant black finish that blends discreetly with the profile color.



 SOUND PROOFING

Along with the thermal insulation properties of the units and the anti-burglary protection, soundproofing is very important and an increasingly sought-after feature of panes and units as materials used in contemporary construction. The soundproofing of the unit is an indicator of the level of absorption of sound waves. The acoustic properties of a window are measured by the soundproofing value – *R<sub>w</sub>*, in d B (logarithmic decibel scale).

The percentages by which they reduce noise at specific soundproofing values should also be known:

|                                  |
|----------------------------------|
| 3 dB – barely audible sound      |
| 10 dB – sound is reduced by 50 % |
| 20 dB – sound is reduced by 75 % |
| 30 dB – sound is reduced by 88 % |
| 40 dB – sound is reduced by 94 % |

Based on European standards, Rollplast recommends that residential buildings, schools and hospitals in the vicinity of busy streets and crossroads use windows with soundproofing over 37 dB, and that buildings near airports or industrial areas have soundproofing over 41 dB.

| INSULATED GLASS UNIT | CONFIGURATION | GAS | SOUND PROOFING <i>R<sub>w</sub></i> (C,Ctr),dB |
|----------------------|---------------|-----|------------------------------------------------|
|----------------------|---------------|-----|------------------------------------------------|

DOUBLE-GLAZING UNIT

|     |               |       |             |
|-----|---------------|-------|-------------|
| 24* | 4 / 16 / 4    | Argon | 31 (-1; -4) |
| 24  | 6 / 14 / 4    | Argon | 33 (-1; -4) |
| 24  | 4 / 12 / 44.2 | Argon | 35 (-2; -6) |

TRIPLE-GLAZING UNIT

|     |                           |       |             |
|-----|---------------------------|-------|-------------|
| 38  | 4 / 14 / 4 / 12 / 4       | Argon | 29 (-1; -5) |
| 38  | 6 / 12 / 4 / 10 / 6       | Argon | 33 (-2; -5) |
| 38  | 4 / 12 / 4 / 12 / 33.2    | Argon | 34 (-2; -5) |
| 38  | 33.2 / 12 / 4 / 10 / 33.2 | Argon | 35 (-3; -7) |
| 38  | 4 / 10 / 4 / 12 / 44.2 SR | Argon | 38 (-2; -6) |
| 44* | 4 / 16 / 4 / 16 / 4       | Argon | 32 (-1; -5) |
| 44  | 6 / 14 / 4 / 16 / 4       | Argon | 34 (-2; -6) |
| 44  | 6 / 14 / 4 / 14 / 6       | Argon | 34 (-3; -7) |
| 44  | 4 / 14 / 4 / 14 / 44.2    | Argon | 36 (-2; -6) |
| 44* | 6 / 12 / 6 / 12 / 44.2    | Argon | 40 (-2; -6) |
| 44  | 33.2 / 14 / 4 / 14 / 33.2 | Argon | 36 (-3; -8) |
| 44  | 44.2 / 12 / 4 / 14 / 33.2 | Argon | 39 (-2; -6) |
| 46  | 4 / 18 / 4 / 16 / 4       | Argon | 33 (-2; -6) |
| 48  | 4 / 18 / 4 / 18 / 4       | Argon | 32 (-1; -5) |

QUADRUPLE GLAZING UNIT

|    |                                    |       |             |
|----|------------------------------------|-------|-------------|
| 56 | 4 / 14 / 4 / 14 / 4 / 14 / 4       | Argon | 33 (-1, -4) |
| 56 | 6 / 12 / 4 / 14 / 4 / 14 / 4       | Argon | 35 (-2, -5) |
| 62 | 6 / 14 / 4 / 16 / 4 / 16 / 4       | Argon | 35 (-2, -6) |
| 66 | 6 / 16 / 4 / 16 / 4 / 16 / 4       | Argon | 35 (-1, -5) |
| 66 | 33.2 / 18 / 4 / 16 / 4 / 16 / 4    | Argon | 37 (-2, -5) |
| 66 | 44.2 / 18 / 4 / 16 / 4 / 16 / 4 SR | Argon | 44 (-2-, 7) |
| 66 | 44.2 / 18 / 4 / 16 / 4 / 16 / 4    | Argon | 37 (-3, -5) |

Good soundproofing is achieved through:

- \* the use of laminated glasses and glassess with special sound-absorbing films;
- \* laminated glass
- \* an asymmetrical composition of the panes – a combination of glasses with different widths (such as 6 + 4 mm ) leads to improved absorption of resonance oscillations;

IMPORTANT:  
DB values for the labeled \*glass thickness blades were obtained for laboratory testing according to EN 12758.

NOTE:  
C (dB) is the correction when the source of noise is: fast traffic, fast rail traffic, proximity to and airport or playground.  
Ctr (dB) is the correction when the noise source is: urban traffic, music, slow rail traffic.

# GLASS SYSTEMS

Glass systems are an exceptionally modern and aesthetic solution that brings light, spaciousness, and visual lightness to any interior.

GLASS SYSTEMS ARE THE IDEAL CHOICE FOR:

**BALCONY AND TERRACE GLAZING:** Transforming outdoor areas into bright, year-round usable spaces.

**BUSINESS SPACES:** Elegant partitioning of large commercial areas and corporate offices to achieve a modern and open work environment.

**INTERIOR PARTITIONS:** Creating interior dividing walls for retail stores, lobbies, and other public zones.

**BATHROOMS AND SPA ZONES (SHOWER ENCLOSURES):** Separating wet and dry areas through the custom fabrication of stylish shower cabins and glass partitions.





# AN INNOVATIVE SOLUTION FOR THE EXTERIOR OF YOUR HOME

The sliding system is the most suitable solution for outdoor glazing, characterized by easy installation, user-friendly operation, safety, and an elegant appearance.

TECHNICAL SPECIFICATIONS AND CONFIGURATIONS:

Sash Configuration: Supports up to 4 sashes per side. To ensure structural integrity, the height-to-width ratio must be maintained at 2.5:1.

Large Area Coverage: The system offers the flexibility to cover significantly larger areas using configurations of 2+2, 3+3, or 4+4 panels, thanks to the central mullion connector.

Versatile Applications: Ideal for cafes, hotels, restaurants, gardens, and terrace enclosures, as well as modern office partitions.

KEY FEATURES

- Double Glazing: The system is available with double-pane insulated glass units for enhanced performance.
- High Load Capacity: The unique heavy-duty rollers support a load of up to 150 kg per panel, allowing for sashes up to 120 cm wide.
- Maximum Height: Up to 300 cm.

Thanks to its innovative design, you can quickly transform open spaces into enclosed environments and vice versa, remaining unaffected by outdoor weather conditions.



# FOLDING GLASS SYSTEM (GLASS HARMONY)

The Rollplast Folding Glass System provides reliable protection against outdoor conditions and expands the usability of your terrace. It is designed for long-term durability, combining high functionality with a sleek, minimalist design.

KEY ADVANTAGES

- Effective Weather Protection: Integrated seals and profile solutions provide a reliable barrier against wind, dust, and rain. The system uses 10 mm single tempered glass.
- Long-term Reliability: The high-quality carriage system guarantees smooth, quiet movement and high resistance to wear over time.
- Full Opening Capacity: The panels fold completely inward, providing a 100% clear opening and making the cleaning of all glass surfaces exceptionally easy.
- Integrated Drainage: A concealed drainage solution within the profile effectively prevents water penetration while maintaining the system's clean aesthetics.

- Enhanced Security: Optional multi-point locking systems can be added for extra protection.





# AN INNOVATIVE SOLUTION FOR PARTITIONING STORES AND OFFICES

Implemented with laminated or tempered (transparent or ornamental) glass.  
They have practical applications in partitioning large office buildings, stores, bathrooms, etc.

## INTERNAL STEEL PARTITION, PRESTO XS SYSTEM, FORSTER



The Forster Presto XS system is not just a designer’s delight – the elegant interior partition system also leaves nothing to be desired in terms of appearance and functionality. Profile widths of only 23 millimeters allow minimalist constructions with timeless designs that let in a lot of light and provide a feeling of spaciousness.

### PROFILE CHARACTERISTICS:

- stainless steel, steel with zinc-magnesium coating.
- Profile width 23 mm, which allows the construction of minimalist and elegant doors
- Sound isolation: The system achieves sound isolation up to 35 dB, creating a calm and comfortable environment.
- One-leaf and double-leaf doors can be made, with the possibility of side and top fixing. The maximum dimensions of a single-leaf door – 1200 x 2400 mm, double-leaf – 2400 x 2400 mm.



# VERTICAL SLIDING SYSTEM (GUILLOTINE)

The Vertical Sliding (Guillotine) system is an innovative aluminum glazing solution that offers superior aesthetics and functionality compared to conventional systems.

### FEATURES:

- **Mechanism:** The glass panels are operated via a motorized gear-and-chain drive system.
- **Operation:** Vertical movement from bottom to top allows for the rapid transformation of a space from an open area to an enclosed environment (and vice versa).
- **Automation and Control:** The system offers flexibility in automation. It can be equipped with either a radio-controlled motor or a standard mechanical motor (typically 120 Nm). Operation is handled via remote control, allowing for easy individual adjustment of each unit or synchronized control of multiple installations.
- **Design:** The system emphasizes simplicity and elegance through seamless integration with invisible screw fixings. Aluminum profiles are minimized to ensure unobstructed views and a sleek, clean appearance.

### KEY ADVANTAGES:

- **Ventilation Control:** Adjustable opening levels for precise control of fresh air flow.
- **Balustrade Function:** When in the fully open position (with panels stacked at the bottom), the system serves as a reliable safety balustrade.
- **Glazing and Safety:** The system uses a standard 21 mm double-glazed unit. To guarantee maximum safety, the inner pane is always made of tempered glass.

### APPLICATIONS AND DIMENSIONS:

Suitable for residential, public, and commercial projects within the following limits:  
Width: 2000 – 4500 mm  
Height: 2000 – 4000 mm  
Maximum Total Area: 12 sq.m.



BATHROOM PARTITIONS

Shower cabin can be constructed with dimensions and shapes according to your specifications. They are a practical way of separating dry space from wet space.

GLASS PANES 8 MM



Crepe



Chemical matte



Lines



Checked



Point



Ray



Matelux – grey



Matelux – dark grey



Matelux – bronze



Shower Protect

GLASS WITH 3D EFFECT



Zig zag



Roup

SHOWER PROTECT GLASS

Featuring a high degree of transparency and a neutral look, SHOWER PROTECT is made of clear glass, PLANICLEAR, with an invisible protective coating laid on top. This makes SHOWER PROTECT ultra-transparent and it has no effect on the perception of the interior colours, regardless of its thickness.

ANTI-CORROSION PROTECTION FOR LONG-TERM TRANSPARENCY:

Day after day, the glass is protected against corrosion, preventing white stains and maintaining its flawless appearance for longer.

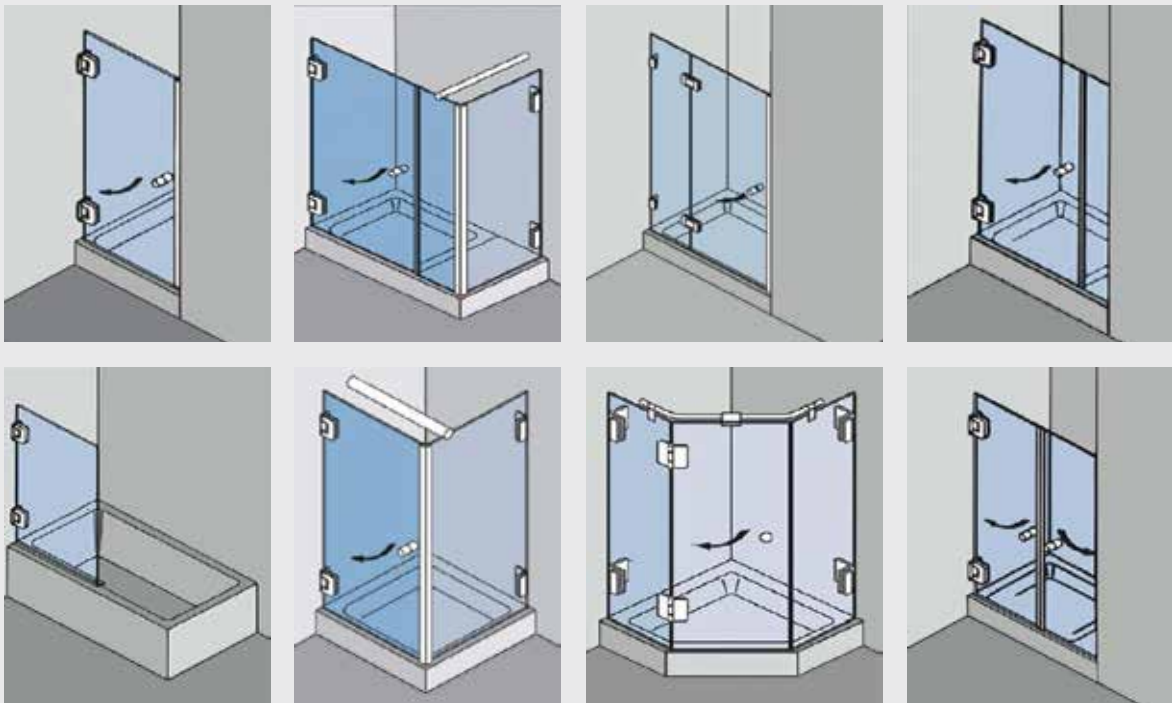
AN EASIER GLASS TO CLEAN:

Water slides down the surface effortlessly, reducing scale deposits and dirt residue. Any deposits can be cleaned a lot more easily than usual, untreated glass.

HIGH RESISTANCE COATING:

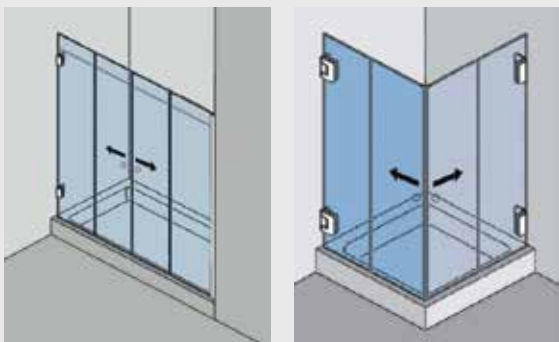
The exceptional qualities of SHOWER PROTECT glass are due to its fine coating. It is exceptionally resistant and any further industrial treatment of the glass will not diminish its properties.

SCHEMES SHOWER CABIN



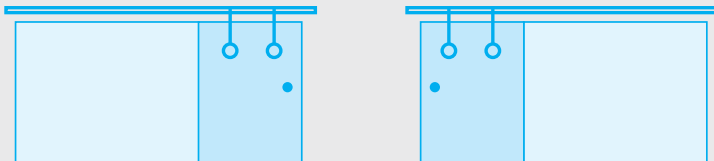
Constructed from 8 mm tempered glass, ornamental glass or special-coating glass, in order to prevent the occurrence of limestone stains, soap stains, etc.

The hardware includes: handles, hinges, mounts, aluminium profiles, silicone seals. Different implementation plans for the construction of shower cabin depending on the specific task.



Four-leaf shower enclosures. Manufactured with tempered glass 8 mm.

PLANS FOR SLIDING SHOWER CABIN





HINGES

|                                                                                     |                                                                                     |                                                                                     |                                                                                       |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |  |  |
| shower cabin hinge<br>180 degrees for glass to<br>glass installation                | shower cabin hinge<br>90 degrees for<br>installation to wall                        | shower cabin hinge<br>for installatin to<br>wall                                    | shower cabin hinge<br>135 degrees for glass to<br>glass installation                  |

HANDLES

|                                                                                     |                                                                                     |                                                                                      |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
|  |  |  |
| solid brass handle,<br>chrome plated                                                | solid brass handle,<br>chrome plated                                                | handle<br>152mm x 458 mm                                                             |

MOUNTS

|                                                                                     |                                                                                     |                                                                                     |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |
| Telescopic mount<br>270 mm – 450 mm                                                 | Pipe mount for glass,<br>external                                                   | Pipe mount<br>for wall                                                              |



HINGES

|                                                                                       |                                                                                       |                                                                                       |                                                                                       |
|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |  |  |
| shower cabin hinge<br>180 degrees for glass to<br>glass installation                  | shower cabin hinge<br>90 degrees for<br>installation to wall                          | shower cabin hinge<br>for installatin to<br>wall                                      | shower cabin hinge<br>135 degrees for glass to<br>glass installation                  |

HANDLES

|                                                                                       |                                                                                       |                                                                                       |
|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |  |
| solid brass handle,<br>chrome plated                                                  | solid brass handle,<br>chrome plated                                                  | handle<br>152mm x 458 mm                                                              |

MOUNTS

|                                                                                       |                                                                                       |                                                                                       |
|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |  |
| Telescopic mount<br>270 mm – 450 mm                                                   | Pipe mount for glass,<br>external                                                     | Pipe mount<br>for wall                                                                |

# GLASS BALUSTRADES

Glass balustrades are an excellent design solution that brings a sense of spaciousness and modernism to any home or office. They are the ideal way to refresh your space and satisfy your desire for a contemporary transformation.

## APPLICATIONS:

Suitable for both interior and exterior use, including:

- Staircases
- Room partitioning
- Balconies and terraces



The railings models can be implemented from glass (with a width of 8 mm) and metal strings. The glass can be tempered in various colours according to the customer's requirements.



### JULIET BALCONY (FRENCH BALCONY)

This product represents a modern security solution for floor-to-ceiling windows, combining a stylish linear design with exceptional structural strength. The glass railing is ideal for both new constructions and apartments with French windows in residential buildings.

#### DURABILITY AND QUALITY

The option to use laminated and/or tempered glass up to 16 mm thick guarantees long-term safety and reliability.

#### FLEXIBLE INSTALLATION

A major advantage is the possibility of integration even after the window has been installed, facilitating the renovation of completed projects. The installation is performed in front of the opening sashes directly onto the window frame.



Recommended use for new builders are buildings and French paneled windows blocks. They are mounted in front of the opening sashes of the window frame.

For PVC windows for maximum reinforcement is necessary grip to the reinforcement of frame with iron screws.

The use of quick-drying glue is recommended on the fixing screws to prevent their dismantling.

Minimum height is 105 cm from the level of the ground.

Over 20 m height (above 7th floor) - minimum is 120 cm from the level of ground.



# ENTRANCE DOORS

Entrance doors are part of the diversity Rollplast offers to its customers. They can be made of PVC, aluminium, metal or wood. By choosing a door from Rollplast, you can achieve all of these at once:

- Very good protection and security for you and for your family;
- An aesthetic presentation as part of your home façade;
- Excellent soundproofing and thermal insulation properties;



| CATEGORY                                                                         | EXTERIOR ENTRANCE DOORS                                                           |                                                                                   |                                                                                    |                                                                                     |
|----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|                                                                                  | ZERO<br>WOODEN<br>PROFILE<br>92 MM                                                | ZERO<br>WOODEN<br>PROFILE<br>78 MM                                                | WOODEN<br>PROFILE                                                                  | SCHÜCO<br>AD UP 90.SI                                                               |
|                                                                                  |  |  |  |  |
| SYSTEM                                                                           | IV 92 mm / HA 92 mm<br>AL tresshold<br>32/101/46W                                 | IV 78 mm / HA 78 mm<br>AL tresshold<br>32/85/30W                                  | IV 78 mm / HA 78 mm<br>IV 92 mm / HA 92 mm                                         | system with a thermal<br>break                                                      |
| HARDWARE                                                                         | Winkhaus hardware,<br>Simonswerg hinges                                           | Winkhaus hardware,<br>Simonswerg hinges                                           | Winkhaus hardware,<br>Simonswerg hinges                                            | system                                                                              |
| PROFILE WIDTH                                                                    | 92 mm                                                                             | 78 mm / 92 mm                                                                     | 78 mm / 92 mm                                                                      | 90 mm                                                                               |
| THERMAL<br>TRANSMITTANCE<br>COEFFICIENT<br>OF THE PROFILE<br>(FRAME AND<br>SASH) | Uw - up to 0.75 W/m²K                                                             | Uw - up to 0.80 W/m²K                                                             | Uw - 0.75 - 0.80 W/<br>m²K                                                         | Uw - up to 0.80 W/m²K                                                               |
| FILLING<br>THICKNESS                                                             | 44 / 52 mm                                                                        | 40 mm                                                                             | 40 / 52 mm                                                                         | 62 mm                                                                               |
| COLOUR                                                                           | RAL/paint in wood<br>colours or transparent<br>colours                            | RAL/paint in wood<br>colours or transparent<br>colours                            | RAL/paint in wood<br>colours or transparent<br>colours                             | RAL/paint in wood<br>colours or transparent<br>colours                              |

| EXTERIOR ENTRANCE DOORS                                                             |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| ORBIS<br>ZERO                                                                       | REYNAERS<br>MASTERLINE<br>8-HI                                                      | REYNAERS<br>CS 77                                                                   | ORBIS<br>71                                                                         | FLUXIS<br>60                                                                        |
|  |  |  |  |  |
| system with a thermal<br>break                                                      | system with a<br>thermal break                                                      | system with a<br>thermal break                                                      | system with a<br>thermal break and a<br>polyurethane insert                         | system with a thermal<br>break                                                      |
| Winkhaus hardware,<br>Stublina hinges                                               | Choice of Hinges:<br>Concealed Hinges<br>or visible (Sur-<br>face-mounted) Hinges   | Choice of Hinges:<br>Concealed Hinges<br>or visible (Sur-<br>face-mounted) Hinges   | Winkhaus hardware,<br>Stublina hinges                                               | Winkhaus hardware,<br>Stublina hinges                                               |
| 71 mm                                                                               | 77 mm                                                                               | 68 mm                                                                               | 71 mm                                                                               | 60 mm                                                                               |
| Uw - up to 1. 10 W/<br>m²K                                                          | Uw - up to 1. 10 W/<br>m²K                                                          | Uw - up to 1. 20 W/<br>m²K                                                          | Uw - up to 1. 10 W/<br>m²K                                                          | Uw - up to 1. 20 W/<br>m²K                                                          |
| 75 mm                                                                               | 46 mm                                                                               | 46 mm                                                                               | 46 mm                                                                               | 24 / 44 mm                                                                          |
| RAL/paint in wood<br>colours                                                        | RAL/paint in wood<br>colours                                                        | RAL/paint in wood<br>colours                                                        | RAL/paint in wood<br>colours                                                        | RAL/paint in wood<br>colours                                                        |

| CATEGORY                                                          | EXTERIOR ENTRANCE DOORS                                                           |                                                                                   |                                                                                   |                                                                                    | APARTMENT FRONT DOORS                                                               |
|-------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|                                                                   | CTOMAHA<br>FORSTER<br>UNICO XS                                                    | TROCAL 88<br>SASH 110                                                             | TROCAL 76<br>SASH 110                                                             | TROCAL 70<br>SASH 106                                                              | AR-<br>MOURED<br>DOORS                                                              |
|                                                                   |  |  |  |  |  |
| SYSTEM                                                            | Zinc-Magnesium Coated Steel                                                       | PVC Trocal 88                                                                     | PVC Trocal 76 mm                                                                  | PVC Trocal 70 mm                                                                   | —                                                                                   |
| HARDWARE                                                          | Integrated hardware                                                               | Winkhaus hardware, Stublina hinges                                                | Winkhaus hardware, Stublina hinges                                                | Winkhaus hardware, Stublina hinges                                                 | Secureme                                                                            |
| PROFILE WIDTH                                                     | 70 mm                                                                             | 88 mm                                                                             | 76 mm                                                                             | 70 mm                                                                              | 67 mm*                                                                              |
| THERMAL TRANSMITTANCE COEFFICIENT OF THE PROFILE (FRAME AND SASH) | Uw - up to 1.60 W/m²K                                                             | Uw - 0.80 W/m²K                                                                   | Uw - up to 0.85 W/m²K                                                             | Uw - up to 1.25 W/m²K                                                              | —                                                                                   |
| FILLING THICKNESS                                                 | 24 / 36 mm                                                                        | 46 mm                                                                             | 44 mm                                                                             | 24 mm                                                                              | 65 mm                                                                               |
| COLOUR                                                            | RAL/paint in wood colours                                                         | white, golden oak, walnut, sapele, dark oak, anthracite + RAL                     | white, golden oak, walnut, sapele, dark oak, anthracite + RAL                     | white, golden oak, walnut, dark oak, anthracite + RAL                              | white, noble oak, wenge, cappuccino and ren griz                                    |
| HANDLES AND FILLERS                                               | —                                                                                 | customer's choice                                                                 | customer's choice                                                                 | customer's choice                                                                  | customer's choice                                                                   |
| ALU CLIP                                                          | —                                                                                 | yes                                                                               | yes                                                                               | no                                                                                 | —                                                                                   |

Legends: \* include a 12 mm MDF coating



ZERO DOORS

PREMIUM ENTRANCE DOORS

Our entrance doors embody all the requirements for high-quality residential opening systems. They are a top-tier product and a performance standard in Western Europe.

CONSTRUCTION AND INSULATION

**High-Quality Materials:** Fabricated from 3 mm aluminum sheets covering a 52–80 mm XPS (extruded polystyrene) core for superior strength and insulation.

**Sleek Design:** The door sash is flush-mounted with the frame, providing a modern, seamless appearance.

**Durability:** Highly resistant to external influences, with the option for painting in any color from the RAL catalogue.

SECURITY AND HARDWARE

**Security Locking:** Equipped with a high-security hook-bolt system as standard. This provides significantly better protection than standard cylinder locks while ensuring an airtight seal.

**Heavy-Duty Hinges:** Reinforced hinges with a load capacity of up to 160 kg, featuring +/- 3 mm adjustability.

VERSATILITY

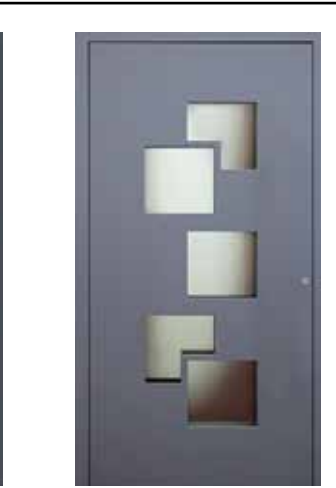
A wide variety of panel models, colors, and ornamental glass options are available to match any architectural style.



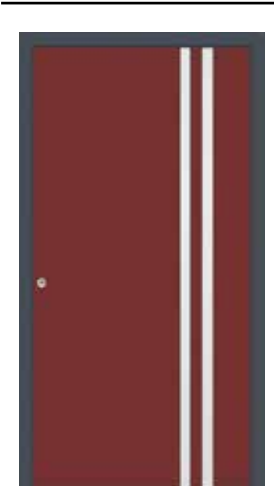
STOCKHOLM



SOFIA

|                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                  |
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|                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                            |                                                                                                                                                                                               |
| <b>DUBROVNIK</b>                                                                                                                                                                                                                                                                                                                                   | <b>RIGA</b>                                                                                                                                                                                                                                                                                                                                                                                                             | <b>AMSTERDAM</b>                                                                                                                                                                                                                                                                                                             | <b>DREZDEN</b>                                                                                                                                                                                                                                                                   |
| <b>Color:</b> by choice from RAL color chart<br><b>Glazing:</b> Configuration, 70 mm, 250 x 1600; laminated frosted glass 3.3.2/18/float4/16/float4/18/laminated frosted glass 3.3.2<br><b>Decorative elements:</b> Inside and outside, color RAL 9006<br>Dimensions: 150 x 250<br><b>Handle:</b> By choice<br><b>Locking:</b> Hardware with hooks | <b>Color:</b> by choice from RAL color chart<br><b>Glazing:</b> Configuration, 70 mm, 250 x 1600; laminated frosted glass 3.3.2/18/float4/16/float4/18/laminated frosted glass 3.3.2<br><b>Decorative elements:</b> Inside and outside, color RAL 9006<br>Dimensions: 300 x 200<br><b>Handle:</b> By choice<br><b>Locking:</b> Hardware with hooks<br>Option for motor and finger print opening, or keyboard with code. | <b>Color:</b> by choice from RAL color chart<br><b>Glazing:</b> Configuration, 70 mm, 250 x 1600; laminated frosted glass 3.3.2/18/float4/16/float4/18/laminated frosted glass 3.3.2<br><b>Handle:</b> By choice<br><b>Locking:</b> Hardware with hooks<br>Option for motor and finger print opening, or keyboard with code. | <b>Color:</b> by choice from RAL color chart<br><b>Decorative elements:</b> Inside and outside, color RAL 9006<br>Dimensions: 250 x 2000<br><b>Handle:</b> By choice<br><b>Locking:</b> Hardware with hooks<br>Option for motor and finger print opening, or keyboard with code. |

|                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                 |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                         |                                                                                                                                   |                                                                                                                                                                                            |
| <b>PRAGA</b>                                                                                                                                                                                                                                                                                                                                                                                                                         | <b>LISABON</b>                                                                                                                                                                                                                                                                                                                                                                                             | <b>MILANO</b>                                                                                                                                                                                                         | <b>VALENCIA</b>                                                                                                                                                                                                                                                                 |
| <b>Color:</b> by choice from RAL color chart<br><b>Glazing:</b> Configuration, 70 mm, 250 x 1600; laminated frosted glass 3.3.2/18/float4/16/float4/18/laminated frosted glass 3.3.2<br><b>Decorative elements:</b> Inside and outside, color RAL 9006<br>Dimensions: 280 x 30 x sash height<br><b>Handle:</b> By choice<br><b>Locking:</b> Hardware with hooks<br>Option for motor and finger print opening, or keyboard with code. | <b>Color:</b> by choice from RAL color chart<br><b>Glazing:</b> Configuration, 70 mm, 250 x 1600; laminated frosted glass 3.3.2/18/float4/16/float4/18/laminated frosted glass 3.3.2<br><b>Decorative elements:</b> Decoration of the glass is obtained by matting<br><b>Handle:</b> By choice<br><b>Locking:</b> Hardware with hooks<br>Option for motor and finger print opening, or keyboard with code. | <b>Color:</b> by choice from RAL color chart<br>Ratio between the two 1/3:2/3<br><b>Handle:</b> By choice<br><b>Locking:</b> Hardware with hooks<br>Option for motor and finger print opening, or keyboard with code. | <b>Color:</b> by choice from RAL color chart<br><b>Decorative elements:</b> Inside and outside, color RAL 9006<br>Dimensions: 20 x 2000<br><b>Handle:</b> By choice<br><b>Locking:</b> Hardware with hooks<br>Option for motor and finger print opening, or keyboard with code. |

|                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                           |
| <b>VENICE</b>                                                                                                                                                                                                                                                                                                                                                                                                        | <b>COPENHAGEN</b>                                                                                                                                                                                                                                                                                                                                                                                                             | <b>PISA</b>                                                                                                                                                                                                                                                                                                                                                                                              | <b>WARSHAVA</b>                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Color:</b> by choice from RAL color chart<br><b>Decorative elements:</b> Inside and outside, color RAL 9006<br>Dimensions: 40 x 2000<br><b>Handle:</b> By choice<br><b>Locking:</b> Hardware with hooks<br>Option for motor and finger print opening, or keyboard with code.                                                                                                                                      | <b>Color:</b> by choice from RAL color chart<br><b>Glazing:</b> Configuration, 70 mm, 250 x 1600; laminated frosted glass 3.3.2/18/float4/16/float4/18/laminated frosted glass 3.3.2<br><b>Decorative elements:</b> Inside and outside, color RAL 9006<br>Dimensions: 1400 x 260 x 30<br><b>Handle:</b> By choice<br><b>Locking:</b> Hardware with hooks<br>Option for motor and finger print opening, or keyboard with code. | <b>Color:</b> by choice from RAL color chart<br><b>Glazing:</b> Configuration, 70 mm, 250 x 1600; laminated frosted glass 3.3.2/18/float4/16/float4/18/laminated frosted glass 3.3.2<br><b>Handle:</b> By choice<br><b>Locking:</b> Hardware with hooks<br>Option for motor and finger print opening, or keyboard with code.                                                                             | <b>Color:</b> by choice from RAL color chart<br><b>Glazing:</b> Configuration, 70 mm, 250 x 1600; laminated frosted glass 3.3.2/18/float4/16/float4/18/laminated frosted glass 3.3.2<br><b>Decorative elements:</b> Inside and outside, color RAL 9006<br>Dimensions: 260 x 260 x 40<br><b>Handle:</b> By choice<br><b>Locking:</b> Hardware with hooks<br>Option for motor and finger print opening, or keyboard with code. |
|                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                         |
| <b>MARIBOR</b>                                                                                                                                                                                                                                                                                                                                                                                                       | <b>FRANKFURT</b>                                                                                                                                                                                                                                                                                                                                                                                                              | <b>SIDNEY</b>                                                                                                                                                                                                                                                                                                                                                                                            | <b>BERN</b>                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Color:</b> by choice from RAL color chart<br><b>Glazing:</b> Configuration, 70 mm, 250 x 1600; laminated frosted glass 3.3.2/18/float4/16/float4/18/laminated frosted glass 3.3.2<br><b>Decorative elements:</b> Inside and outside, color RAL 9006<br>Dimensions: 200 mm<br><b>Handle:</b> By choice<br><b>Locking:</b> Hardware with hooks<br>Option for motor and finger print opening, or keyboard with code. | <b>Color:</b> by choice from RAL color chart<br><b>Handle:</b> By choice<br><b>Locking:</b> Hardware with hooks<br>Option for motor and finger print opening, or keyboard with code.                                                                                                                                                                                                                                          | <b>Color:</b> by choice from RAL color chart<br><b>Glazing:</b> Configuration, 70 mm, laminated frosted glass 3.3.2/18/float4/16/float4/18/laminated frosted glass 3.3.2<br><b>Decorative elements:</b> Inside and outside, color RAL 9006<br>Dimensions: 200 mm<br><b>Handle:</b> By choice<br><b>Locking:</b> Hardware with hooks<br>Option for motor and finger print opening, or keyboard with code. | <b>Color:</b> by choice from RAL color chart<br><b>Handle:</b> By choice<br><b>Locking:</b> Hardware with hooks<br>Option for motor and finger print opening, or keyboard with code.                                                                                                                                                                                                                                         |



ENGINEERED STONE

A NEW INNOVATION OFFERED BY ROLLPLAST IN THE "ZERO" ENTRANCE DOOR SERIES IS THE OPTION FOR ENGINEERED STONE CLADDING.

This material is a composite cladding created by combining a high concentration of natural quartz particles with premium resins. The result is a surface of exceptional hardness, with durability comparable to the strongest minerals in nature.

To ensure perfect integration into the door, lightweight engineered stone veneers (approximately 3 mm thick) are used. This adds a premium aesthetic and superior strength without overstressing the door structure. The cladding is resistant to moisture, UV rays, and wear, ensuring an impeccable appearance for years to come and making the entrance door a long-term investment in aesthetics and quality.

"NATURAL STONE" EFFECT

Rollplast offers innovative painting for aluminum profiles with an authentic stone appearance. Currently, the decor is available in "White Marble" – an elegant solution that combines the strength of aluminum with the timeless beauty of marble, providing a modern and luxurious finish to any project.

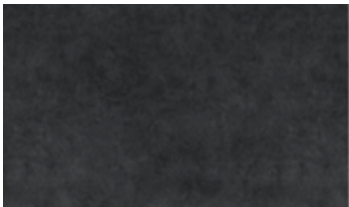


White Marble

AVAILABLE COLORS:



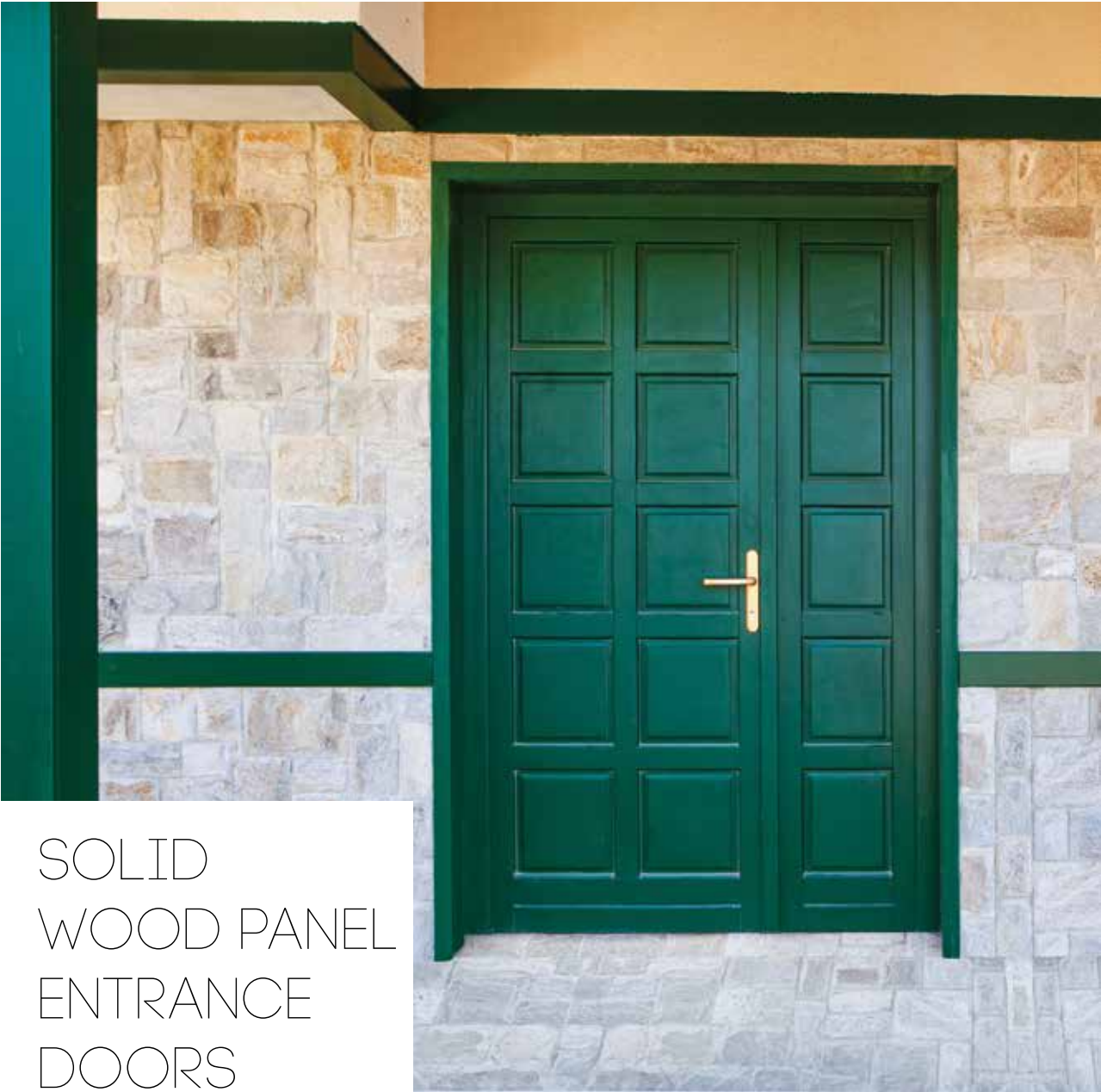
Avorio



Grafite



Grigio



SOLID WOOD PANEL ENTRANCE DOORS

Our solid wood panel entrance doors are an expression of classic style and uncompromising quality. They are manufactured entirely according to individual dimensions, with a choice of custom colors to ensure perfect harmony with your home's exterior.

FEATURES THAT INSPIRE CONFIDENCE:

These doors are characterized by exceptional resistance to impact and warping, as well as excellent acoustic insulation and moisture resistance.

WHY CHOOSE ROLLPLAST?

By choosing a solid wood entrance door with solid wood infill panels and decorative millings, you gain more than just security:

- Rediscover Individuality: Add a unique touch to your home's exterior.
- Enhance Curb Appeal: Make your facade more beautiful and impressive.
- A Wise Investment: Invest in long-lasting security, durability, and timeless style.

WOODEN DOOR MODELS



The combination of warm wood with aluminum, glass and decorative elements make these doors unique. Innovative hardware technology, high thermal insulation and maximum security are natural features of this series of doors.



**PORTAL WOODEN DOOR**  
Made of solid wood by client's project according to their wishes. Rich variety of transparent and acrylic colors.



PVC AND ALUMINUM ENTRANCE DOORS

*Rollplast entrance doors, crafted from PVC and aluminum, combine modern design, excellent energy efficiency, and the highest level of security. Each door is custom-made to individual dimensions and offers an unlimited choice of colors and designs.*

KEY ADVANTAGES:

- **Топлоизолационни характеристики: Thermal Performance:** Providing excellent energy efficiency for the entire home.
- **Design and Integration:** Seamless integration into any facade, with the ability to match window systems and other glazing types.
- **Structural Strength:** Built with reinforced hinges and high-performance hardware.
- **Security and Innovative Locking:** Security is our top priority. Standard hardware includes two security locking points and two standard points. For maximum protection, we offer innovative solutions:
- **Hook-Locking Mechanism:** A robust system for enhanced security.
- **AV4 Automatic Multi-point Lock:** A system that automatically engages the hooks via a specialized magnetic trigger when the door is closed.
- **EAV4 Motorized Automatic Lock:** Features an integrated electric motor for unlocking, combined with the automatic locking function.

With this system, access control can be managed via:

- Fingerprint Scanner or Keypad (PIN code)
- Remote Control
- Other Integrated Access Control Systems



| PROFILE SYSTEMS USED |                            |
|----------------------|----------------------------|
| MATERIAL             | PROFILE SYSTEM             |
| Aluminium            | Orbis 71, Fluxis 60        |
| Aluminium            | Reynaers CS77 и ML8        |
| Aluminium            | Schüco AD UP 90 SI         |
| PVC                  | Trocal 70 mm, 76 mm, 88 mm |

THERMOPANELS FOR ENTRANCE,  
PVC AND ALUMINIUM DOORS

THERMOPANELS WITHOUT DECORATION:

They are available in the following sizes and colours:

24 mm – white, golden oak, dark oak

44 mm – white, golden oak, walnut, dark oak, grey, anthracite.

52 mm – white, golden oak, walnut, dark oak, sapele, grey, anthracite.

Sapelli color for all sizes – with special order  
They are made of HPL-cladding panels.

DECORATIVE THERMOPANELS



Glassless panel



APKA 3 10402

|            |         |
|------------|---------|
| Colour:    | Helima: |
| white      | white   |
| walnut     | gold    |
| golden oak | gold    |

Made of PVC panels. Available in a width of 24 mm for the colours white, walnut, golden oak and mahogany; 20 mm and 44 mm by special order\*.



Glassless MOSAIC

Design with glass and no helima

|             |                           |
|-------------|---------------------------|
| Colour:     | white, golden oak, walnut |
| Dimensions: | 45 / 90 / 200 cm          |



MOSAIC with glass

|             |                           |
|-------------|---------------------------|
| Colour:     | white, golden oak, walnut |
| Helima:     | gold                      |
| Dimensions: | 45 / 90 / 200 cm          |

Made of PVC panels in white color. They are available 24 mm and 44 mm thick on request

VENSO 900/2000



FRONT



BEHIND

**Coverage:** PVC 1,3 mm for white color; HPL 1,5 mm for anthracite and wood effect color  
**Optional thickness:** 24, 44 and 52 mm in colors and glass by choice.  
**Dimensions of the glass:** 190 x 1440 mm  
**Dimensions of the decoration:** 234 x 1484 mm

VITO 900/2000



FRONT



BEHIND

**Coverage:** PVC 1,3 mm for white color; HPL 1,5 mm for anthracite and wood effect color  
**Optional thickness:** 24, 44 and 52 mm in colors and glass by choice.  
**Dimensions of the glass:** 220 x 220 mm  
**Dimensions of the decoration:** 264 x 264 mm

ZAGI 900/2000



FRONT



BEHIND

**Coverage:** PVC 1,3 mm for white color; HPL 1,5 mm for anthracite and wood effect color  
**Optional thickness:** 24, 44 and 52 mm in colors and glass by choice.  
**Dimensions of the glass:** 390 x 1440 mm  
**Dimensions of the decoration:** 434 x 1484 mm

KORIN 900/2000



FRONT



BEHIND

**Coverage:** PVC 1,3 mm for white color; HPL 1,5 mm for anthracite and wood effect color  
**Optional thickness:** 24, 44 and 52 mm in colors and glass by choice.  
**Dimensions of the glass:** 190 x 190 mm  
**Dimensions of the decoration:** 234 x 234 mm

BALLA 900/2000



FRONT



BEHIND

**Coverage:** PVC 1,3 mm for white color; HPL 1,5 mm for anthracite and wood effect color  
**Optional thickness:** 24, 44 and 52 mm in colors and glass by choice.  
**Dimensions of the glass:** 220 x 220 mm  
**Dimensions of the decoration:** 264 x 264 mm

METSU 900/2000



FRONT



BEHIND

**Coverage:** PVC 1,3 mm for white color; HPL 1,5 mm for anthracite and wood effect color  
**Optional thickness:** 24, 44 and 52 mm in colors and glass by choice.



VENCO 900/2000

**Coverage:** PVC 1,3 mm for white color and wood effect color  
**Optional thickness:** 24, 44 and 52 mm  
delta matt glass and chemical matt.

**IMPORTANT:** (for panels VENSO, VITO, ZAGI, KORIN, BALLA, METSU)

Colors: white, golden oak, mahogany walnut, dark oak and RAL paint

Configuration of double-glazed windows

**24 mm** - triplex 3.3.2 / ornament

**44 mm** - triplex 3.3.2 / white / ornament

**52 mm** - triplex 3.3.2 / white / ornament



**PANEL WOODEN DOOR** made of sandwich panel with thickness of 78 mm with veneer structure with metal insert part, wooden panels and insulation. The frame is massive wood with a thickness of 78 mm. Leaf folds it is aligned on the door frame. There is an opportunity for decorative cladding.



STYLE AND SECURITY FOR YOUR HOME

There are 3 main points when choosing a front door for any residence:  
**STRUCTURE, DESIGN AND SECURITY.**

The sash of Rollplast’s armoured doors is made of two electro-galvanised metal sheets with a thickness of 1 mm and internal reinforcement of 1.5 mm edged with a frame of 4 metal profiles with a width of 1.5 mm. The sash is covered on both sides with MDF sheets with a width of 6 mm and PVC cladding. It has an integrated automatic removable threshold fastened with a thick rubber gasket. The metal door frame is made of galvanised sheet metal with a thickness of 1.5 mm and scratch-resistant coating. The full rubber sealing, the decorative frame and sills made of MDF with a thickness of 2 cm provide additional comfort and aesthetics in your home.

Security is ensured with a 16-point locking system with 11 active and 5 passive pins, a lock with a built-in stopper against vibrations. The hardware comes from the Italian company SECUREME and features an additional restriction device for controlled opening of the adjustable bolt, a panoramic view from the 180-degree door viewer, interior and exterior operational handle.

The doors supplied by Rollplast come in 5 colours – white, cappuccino, noble oak, wenge and rengriz. They can be made in two different colours on the outside and inside, with decorative aluminium strips or with different types of milling of the MDF sheets.

DOOR MODELS



KT 228



KT 265



KT 219

**NOTE:**  
Models KT 228 and KT 265 can't produced in cappuccino color.



KT 223



KT 215



KT 212

HARDWARE FOR PVC, SOLID WOOD AND AL DOORS

*Latest generation automatic security locking for entrance doors from Winkhaus which combines multiple benefits in a single system:*

The BLUEMATIC EAV4 AND EAV4+ BY Winkhaus is an automatic multi-point locking system with motorized opening, suitable for all types of profile materials.

KEY ADVANTAGES:

**Интегрировано Smart управление (при EAV4+): Integrated Smart Control (for EAV4+):** The system features a built-in radio module. This allows the door to communicate directly with your smartphone via the Winkhaus doorControl app

(via Bluetooth and WLAN). Note: No additional external modules or controllers are required – everything is fully integrated into the lock.

**Automatic Security:** The system locks securely as soon as the door is closed. This guarantees high security and a tight seal between the sash and the frame without the need for manual key locking.

**Opening Flexibility:** Can be integrated with all modern access control systems, including fingerprint scanners, intercom systems, or a standard push-button.

**Day Mode:** An optional "daytime release" function that keeps the locking hooks retracted. This is an ideal solution when you want the door to remain unlocked for free access by guests or customers.

THE FINGERPRINT SYSTEM ENTRASYS + OPENS YOUR ENTRANCE DOOR THANKS TO THE BIOMETRIC FINGER TAX RECOGNITION.

PRODUCT ADVANTAGES

Opening via fingerprint

QUICK DETECTION

The modern stripe sensor ensures a high and fast rate of fingerprint recognition.

HIGH MEMORY CAPACITY

50-80 prints can be stored, depending on the complexity of the fingerprints.

EXCELLENT PROTECTION AGAINST MANIPULATION

Live finger recognition prevents manipulation using duplicate fingerprints. Only the print of a 'live' finger identified and stored in the system can be used to gain access.



ENTRACODE + WORKS WITH DIGITAL CODE FROM AT LEAST 4 AND MAXIMUM 8 DIGITS. THEY CAN BE ASSIGNED INDIVIDUALLY.

SAFETY THANKS TO ENCRYPTED RADIO CONTROL SYSTEM

The access system with encrypted SOMloq2 radio control system provides maximum security. The rolling code is encrypted with 128 bits. Backward compatibility of the transmitters to the Somloq Rollingcode radio control system is always available. Unlike wired systems, no short-circuiting or bridging is possible.



MODULAR SYSTEM FOR EMERGENCY EXIT DOORS

- The anti-panic series PHA 2000 is available in stainless steel and a standard palette;
- Compliance with EN1125;
- Reliable security;
- The safety locking bolt ensures full protection from unauthorised entry from the outside;
- Single- or three-point locking is available for single doors and three- or four-point locking is available for double doors;



HANDLES FOR PVC, WOOD AND AL ENTRANCE DOORS

"Shield" for entrance door ELEGANCE: wheelbase 92 mm



white      two different colors:  
outside anthracite,  
inside white      anthracite      black matt

7016      9005

STUBLINA pad handle:



white      black matt      anthracite

9005      7016

Entrance door shield TOULON: with paw-shaped pad handle



white      grey 9007      bronze      black matt

9005      9005

HANDLES FOR PVC BATHROOM DOOR

"Shield" ELEGANCE: wheelbase 85 mm



white      black matt

Shield for bathroom and WC white      Shield for bathroom and WC black matt

Schüco



Spring loaded stop matte

Stopper diameter 30 mm      Door viewer

DOOR CLOSER



**Overhead Door Closer with Slide Arm | Model: AA\_CL\_DC 135**  
Designed for doors with a width up to 950 mm and a weight up to 60 kg. Features a sleek slide arm for a modern look.



**Universal Overhead Door Closer | Model: AA\_CL\_DC 340**  
A versatile solution compatible with both standard (scissor) and slide arms. Suitable for heavy-duty use on doors up to 1400 mm wide.



**Concealed Door Closer | Model: AA\_CL\_DC 840**  
Designed for concealed installation within the door leaf or frame for ultimate aesthetics. Suitable for doors up to 1250 mm and 100 kg.



**Overhead Door Closer with Standard (Scissor) Arm | Model: AA\_CL\_DC 140**  
A classic, reliable solution for doors up to 1250 mm and 100 kg.



Motor for PVC, AL and Wooden windows

TUBULAR HANDLES FOR WOOD, PVC AND AL ENTRANCE DOORS

Tube handles



cranked INOX



cranked white



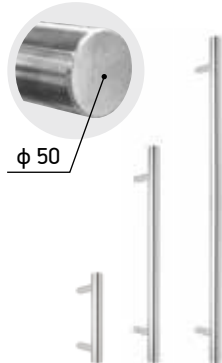
cranked black matt



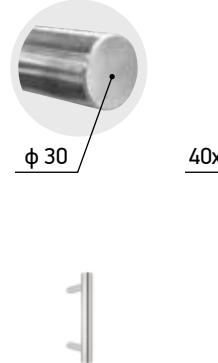
heart-shaped white



heart-shaped black



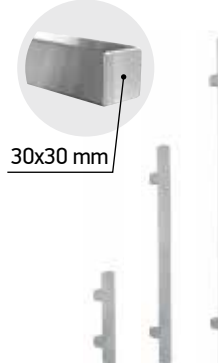
φ 50  
50 sm/120 sm/180 sm  
straight 45 degrees – inox and black matt



φ 30  
50 sm  
straight – inox and black matt for glass showcases



40x25 mm  
50 sm/120 sm/180 sm  
handle 45 degrees with semi circle profile inox and black matt



30x30 mm  
50 sm/120 sm/180 sm  
handle 45 degrees with square profile inox and black matt /available upon request/



40x10 mm  
50 sm/120 sm/180 sm  
handle 45 degrees with flat profile inox and black matt /available upon request/

HINGES



Hinge for a PVC entrance door, black



Hinge for a PVC entrance door, anthracite 7016



Hinge for a PVC entrance door, white



Aluminium entrance door hinge white and black



Triple hinge for solid wooden door

FALLING THRESHOLD FOR PVC, AL AND WOOD DOORS

Model PLANET HS: **NEW**



CHARACTERISTICS

- Seal height up to 22 mm
- With optimal sealing, sound insulation value up to 48 dB
- The lower part of the door can be adjusted without disassembly
- Unilateral and silent release
- Automatic compensation for sloping / uneven floors



# INTERIOR DOORS

- WOOD
- WOOD WITH GLASS
- ALUMINIUM
- ALUMINIUM WITH GLASS
- PVC

Interior doors are much more than a way to separate rooms; they are a defining element that shapes the overall look and feel of your home.

A door should be a choice that guarantees long-term comfort and functionality. That is why our models are engineered to be:

**Resilient:** Highly durable against temperature fluctuations and humidity variations.

**Insulating:** Equipped with superior sealing between the leaf and the frame, ensuring effective sound insulation and privacy.

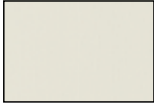
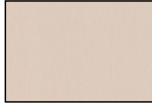
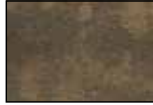
We offer a wide selection and the freedom to combine various materials, helping you find the perfect balance between aesthetic style and uncompromising quality.





MODELS / ECONOMY, PREMIUM AND UNIVERSAL

|                                                                                      |                                                                                      |                                                                                      |                                                                                      |                                                                                      |                                                                                      |
|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
|   |   |   |   |   |   |
| WE 716 (Wenge)                                                                       | LA-1                                                                                 | LA-1D                                                                                | LA-DIN                                                                               | LA-100                                                                               | LA-40                                                                                |
|  |  |  |  |  |  |
| LA-3                                                                                 | LA-3D                                                                                | LA-3H                                                                                | LA-3Q                                                                                | LA-KR                                                                                | Universal with milling                                                               |

|                                  |                                                                                       |                                                                                       |                                                                                       |                                                                                       |
|----------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| <b>NEW</b><br>Colours<br>ECONOMY |  |  |  |  |
|                                  | Light Oak                                                                             | Walnut                                                                                | Scandinavian Oak                                                                      | Anthracite Oak                                                                        |
| <b>NEW</b><br>Colours<br>PREMIUM |  |  |  |  |
|                                  | White Woodgrain                                                                       | Gris Woodgrain                                                                        | Gris Woodgrain                                                                        | Patina                                                                                |

MODELS **PREMIUM** / ECONOMY AND UNIVERSAL

|                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |
|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |  |  |  |
| 2M                                                                                    | 3M                                                                                    | 4M                                                                                    | 2HM                                                                                   | DM                                                                                    |

DOORS ARE MANUFACTURED TO INDIVIDUAL SPECIFICATIONS AND SIZES

MODELS UNIVERSAL



TECHNICAL CHARACTERISTICS

- Door Leaf: Constructed from raw MDF with two 6 mm panels, edged on three sides, with a total leaf thickness of 45 mm.
- Frame and Architrave: Manufactured from high-quality raw MDF.
- Infill: Efficient honeycomb core for optimized weight and stability.
- Design Options: 16 standard models available.
- Custom Milling: Bespoke milling patterns based on individual projects are available upon request.
- Color Finish: Painted in any color from the extensive RAL catalog.
- Extended Dimensions: Capable of covering wall openings up to a height of 2400 mm.

HIDDEN INTERIOR DOOR



SLIDING INTERIOR DOOR



Possibility for production with colors from the Economy, Premium and Universal interior door models.

MODELS PREMIUM

This series has been developed and manufactured in-house by Rollplast to meet the demand for custom dimensions and a high level of personalization in interior design.

KEY SPECIFICATIONS AND PRODUCTION

- Custom-Made Precision:** All doors are manufactured to individual order and based on the precise measurements of the wall opening. We do not rely on standard pre-set sizes, eliminating the need for any on-site structural adaptations or compromises during installation.
- Stock Colors for Fast Delivery:** To ensure a quick turnaround, we maintain a constant stock of the 5 most popular wood-grain decors, available for immediate production.

CONSTRUCTION AND FINISH

- Типове врати: Door Types:** Available in Rebat- ed (standard) and Flush (non-rebated) designs.
- Door Leaf Construction:** The 40 mm thick leaf is crafted from dual MDF panels. Depending on the required strength and insulation, two core options are available:
- Honeycomb Core:** A lightweight and functional construction.
- Tubular Particle Board (Tubular Chipboard):** An upgraded option providing enhanced stability and superior impact resistance.
- Finish:** The leaf is coated with a scratch-resist- ant decorative foil, featuring high-quality imita- tions of natural wood textures.
- Frame:** Manufactured from high-density MDF.

HARDWARE AND FUNCTIONALITY

- Rebated Doors:** Equipped with two-part, 3D ad- justable hinges (Simons V3420).
- Flush Doors:** Features concealed (invisible) hinges for a seamless, minimalist appearance.
- Lock Options:** Three lock types are available: Standard Key, Cylinder Lock, and Privacy Lock (for bathrooms/wet rooms).
- Magnetic Striker:** Optional magnetic striker plate for silent and smooth closing.

OPTIONS AND ACCESSORIES

- Glazing:** 4 mm decorative ornamental glass.
- Additional Features:** Ventilation grilles can be integrated into the door leaf upon request.



WOODEN PROFILE PALETTE

|                         |                        |                        |                                         |                              |                                 |
|-------------------------|------------------------|------------------------|-----------------------------------------|------------------------------|---------------------------------|
|                         |                        |                        |                                         |                              |                                 |
| Ash<br>T5501 + T5701    | Ash<br>T5503 + T5704   | Ash<br>T5504 + T5705   | Ash<br>T5504 + T5709                    | Ash<br>615329016 + 660319016 | Ash<br>RAL 9001                 |
|                         |                        |                        |                                         |                              |                                 |
| Oak<br>Alu clip         | Oak<br>T5501+T5701     | Oak<br>T5503+ T5704    | Oak<br>615-32-9012+<br>660-31-9021      | Oak<br>T5504+T5705           | Oak<br>Transparent RAL 9010     |
|                         |                        |                        |                                         |                              |                                 |
| Spruce<br>T5501 + T5701 | Spruce<br>Alu clip     | Spruce<br>T5503+T5704  | Spruce<br>615-32-9012 +<br>660-31-9021  | Spruce<br>T5504+T5705        | Spruce<br>Transparent RAL9010   |
|                         |                        |                        |                                         |                              |                                 |
| Meranti<br>Alu Clip     | Meranti<br>T5501+T5701 | Meranti<br>T5503+T5704 | Meranti<br>615-32-9012 +<br>660-31-9021 | Meranti<br>T5504+T5705       | Meranti<br>Transparent RAL 9010 |

IMPORTANT

Orders for solid wood doors must always contain customer specifications as to which colour and wood profile number by catalogue is to be implemented.

INTERNAL DOORS can be made of PVC, aluminium or glass. The padding can be made of thermo-panels, fibreboards or single-pane glass. The variety of colours and wood patterns is wide and it offers suitable options for diverse interior solutions.

GLASS DOORS

FOR ALUMINIUM FRAME MODELS

- The models are made of 8 mm tempered glass which can also feature a texture designed by the customer;
- Glass door frames (as well as solid wood – wood or metal).

FOR WOOD FRAME MODELS

You can see the available wood frame sizes on:

- cpage 81 for ECONOMISTS, PREMIUM AND UNIVERSAL



ALUMINIUM DOORS

- Made of AL systems ROLLPLAST ECONOMY without a thermal break;
- Colour diversity – a selection of RAL colours and laminates in wood patterns;
- A wide variety of textured glass;
- Options for fibreboard filling, thermopanel or mirrors;





Hasir – 4 mm



Bamboo – 5 mm



Bubble – 4 mm



Bouquet – 4 mm



Spring – 4 mm



Damla – 4 mm



Screen – 4 mm



Delta 2 – 4 mm



Leather – 4 mm



Flute – 4 mm



Mosaic – 4 mm



Chemical matte – 4 mm,  
6 mm, 8 mm и 10 mm



Damla Bronze – 4 mm



Jungle Bronze – 4 mm



Asos Bronze – 4 mm



Olive Branch – Bronze –  
4 mm



Mirror – 4 mm

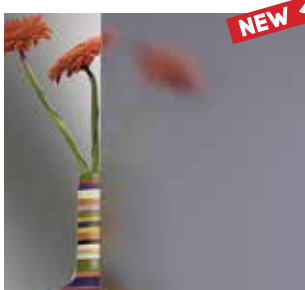


Points – 4 mm

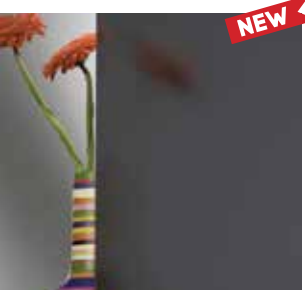


Koral – 4 mm

FOR GLASS AND INTERIOR DOORS



Matelux – grey – 8 mm



Matelux – dark grey – 8 mm



Matelux – bronze – 8 mm



Crepe – 8 mm



Ray – 8 mm



Checked – 8 mm



Point – 8 mm



Lines – 8 mm

GLASS WITH 3D EFFECT



Zig zag – 8 mm



Roup – 8 mm

IMPORTANT NOTICE

All available glass types can be ordered in a tempered (toughened) version upon request.

HANDLES FOR **WOODEN** INTERIOR DOORS

|       |      |      |        |
|-------|------|------|--------|
| PRIMA | SARA | FINA | CHIARA |
|       |      |      |        |

|       |       |        |              |
|-------|-------|--------|--------------|
| TANJA | THEMA | MILANO | THEMA QUADRA |
|       |       |        |              |

|                                   |            |        |
|-----------------------------------|------------|--------|
| TOULON                            | NEW YOURK  | DAKAR  |
|                                   |            |        |
| with square rosette<br>black matt | black matt | golden |

ROSETTE

|                      |        |                      |        |                    |        |                     |            |        |            |
|----------------------|--------|----------------------|--------|--------------------|--------|---------------------|------------|--------|------------|
| STANDARD KEY – ROUND |        | STANDARD KEY – ROUND |        | SECURE KEY – ROUND |        | SECURE KEY – SQUARE |            |        |            |
|                      |        |                      |        |                    |        |                     |            |        |            |
| silver               | golden | black matt           | silver | black matt         | silver | golden              | black matt | silver | black matt |

|          |                                      |                           |                   |
|----------|--------------------------------------|---------------------------|-------------------|
|          |                                      |                           |                   |
| bathroom | for bathroom –<br>photo from outside | Stopper diameter<br>30 mm | ventilation grill |

HANDLES FOR **ALUMINIUM** INTERIOR DOORS  
white, black and RAL by custom order

|                                                   |                                                   |                                       |                             |                                        |
|---------------------------------------------------|---------------------------------------------------|---------------------------------------|-----------------------------|----------------------------------------|
|                                                   |                                                   |                                       |                             |                                        |
| with a rosette for a<br>cylinder cartridge, white | with a rosette for a<br>cylinder cartridge, black | passive knob,<br>white and black 9005 | Double door handle<br>white | Double door handle<br>black matte 9005 |

HANDLES FOR **GLASS** INTERIOR DOORS

|       |       |        |
|-------|-------|--------|
| PRIMA | THEMA | QUADRA |
|       |       |        |

LOCKS FOR **GLASS** INTERIOR DOORS

|                                                                  |                                                                  |
|------------------------------------------------------------------|------------------------------------------------------------------|
|                                                                  |                                                                  |
| Oval lock mechanism for a glass interior door, without a keyhole | Oval lock mechanism for a glass interior door, without a keyhole |

|                                                                         |                                                                         |
|-------------------------------------------------------------------------|-------------------------------------------------------------------------|
|                                                                         |                                                                         |
| Rectangular lock mechanism for a glass interior door, without a keyhole | Rectangular lock mechanism for a glass interior door, without a keyhole |

HINGES FOR **GLASS** INTERIOR DOORS

|                                      |                                      |
|--------------------------------------|--------------------------------------|
|                                      |                                      |
| Oval hinge for a glass interior door | Oval hinge for a glass interior door |



Magnetic  
striker



# EXTERNAL ROLLER SHUTTERS AND VENETIAN BLINDS. SHUTTERS

Exterior roller shutters, PVC and wooden shutters complement the window, giving it functional integrity.

The benefits for you:

- Reliable solar protection;
- Cooler rooms in the summer;
- Additional thermal insulation in the winter;
- Soundproofing;
- Protection against prying eyes;
- Additional security;
- A more aesthetic façade for your home;
- You will rediscover individuality in the exterior of your home;





# VENETIAN BLINDS



## EXTERNAL VENETIAN BLINDS: INNOVATION IN SOLAR PROTECTION

External Venetian blinds represent an attractive and high-tech alternative to standard roller shutters. They are an innovative exterior shading system that allows for precise control over both light flow and thermal exchange.

### KEY ADVANTAGES

**Significant Heat Reduction:** Thanks to their high-grade aluminum slats, these blinds actively reflect sunlight, reducing indoor heat gain by an impressive 75%. This makes them one of the most effective tools for maintaining a comfortable indoor climate.

**Energy Efficiency:** With their sleek design, superior thermal insulation characteristics, and high functionality, Venetian blinds are a cornerstone of energy-efficient concepts in modern architecture.

**Versatile Application:** An ideal solution for a diverse range of projects, including:

- Commercial and Office buildings
- Residential properties
- Industrial and Administrative facilities

### Slats Z90

|                                                                                       |                                                                                              |
|---------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|
|    |           |
| White                                                                                 | cream-coloured<br>1015                                                                       |
|    |           |
| grey 7035                                                                             | silver 9006                                                                                  |
|    |           |
| grey 9007                                                                             | anthracite 7016                                                                              |
|    |           |
| bronze                                                                                | brown 8014                                                                                   |
|   |          |
| green 6005                                                                            | burgundy 3005                                                                                |
|  | <b>NOTE:</b><br>Possibility of painting according to the RAL catalog for orders over 130 m². |
| 9011                                                                                  |                                                                                              |

## Z90 EXTERNAL VENETIAN BLIND FEATURES AND ADVANTAGES

The Z90 blind is a high-tech outdoor shading solution engineered to deliver maximum comfort and superior energy efficiency.

- **Modern Design and Aesthetics:** Features a sleek, contemporary design and is available in a wide variety of colors to complement any architectural style.
- **Precision Light Management:** Offers the ability to precisely adjust the tilt of the slats, allowing for flexible control of natural light levels within the room.
- **Superior Shading:** The specialized Z-shape of the slats ensures nearly total blackout when the blinds are fully closed.
- **Enhanced Insulation:** Each slat is equipped with a factory-fitted rubber gasket, which provides additional thermal insulation and ensures quiet operation by reducing wind noise.

The 90 mm slats provide optimal stability and allow for precise tilt control, enabling you to manage natural light while preventing indoor overheating.

The operation of the slats is implemented in an aluminium U-shaped 20 mm guide rail through riveted metal elements.



### INSTALLATION OPTIONS

We offer two primary mounting methods, designed to align with your building's architectural features and your aesthetic preferences:

#### 1. External Mounting (Surface Mount)

In this configuration, the blind is installed on the exterior of the window frame or wall. The box remains visible, serving as an additional decorative architectural element.

#### 2. Integrated Mounting (Concealed Mount)

This method provides a "hidden," sleek look for the facade and is available in two specialized systems:

**Concealed in Insulation:** The box is installed so that it is completely covered by the building's external thermal insulation.

**Integrated Insulated PVC Box (240 mm):** A systematic solution where the box is mounted directly onto the window unit. This box features built-in insulation for enhanced thermal performance.

TYPE 1

TYPE 2

Available Heights: 200 mm, 250 mm, 300 mm, 340 mm, and 370 mm; Standard Depth: 140 mm

| FRONT MOUNTING MODELS   |                                                                                   |                                                                                   |                                                                                                                                                                                                                                  |                                                                                                             |                                                                                                             |                                                                                     |
|-------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| MODEL                   | EXTERNAL VENETIAN BLIND                                                           | MAXI                                                                              | INTEGRO MINI/ MAXI                                                                                                                                                                                                               | MINI OVAL                                                                                                   | MINI                                                                                                        | PRIMA                                                                               |
|                         |  |  |                                                                                                                                                 |                           |                          |  |
| TYPE OF INSTALLATION    | front mounting/ external                                                          | front mounting/ external                                                          | front mounting/ external                                                                                                                                                                                                         | front mounting/ external                                                                                    | front mounting/ external                                                                                    | front mounting/ external                                                            |
| SLAT                    | Z 90                                                                              | AL slat 52 mm                                                                     | AL slat 39 mm / 52 mm                                                                                                                                                                                                            | AL slat 39 mm                                                                                               | AL slat 39 mm                                                                                               | PVC slat 37 mm                                                                      |
| COLOURS IN STOCK (slat) | White, bronze, RAL 9015, 9006, 7035, 8014, 7016, 9007, 6005, 3005, 9011           | White, silver, brown 8014, golden oak, walnut, anthracite, RAL                    | <b>for a 39 mm slat:</b><br>White, ivory, silver, brown 8014, dark brown 8019, anthracite, golden oak, dark oak, walnut and sapele<br><b>for a 52 mm slat:</b><br>White, silver, brown 8014, golden oak, walnut, anthracite, RAL | White, ivory, silver, brown 8014, dark brown 8019, anthracite, golden oak, dark oak, walnut, sapele and RAL | White, ivory, silver, brown 8014, dark brown 8019, anthracite, golden oak, dark oak, walnut, sapele and RAL | White                                                                               |
| TYPE OF BOX             | aluminium                                                                         | AL box 45°                                                                        | AL box 90°                                                                                                                                                                                                                       | AL box oval                                                                                                 | AL box 45°                                                                                                  | AL box 45°                                                                          |
| COLOURS IN STOCK (box)  | RAL                                                                               | White, brown 8014, walnut, golden oak and RAL                                     | —                                                                                                                                                                                                                                | White, brown 8014, RAL                                                                                      | White, brown 8014, walnut, golden oak, sapele and RAL                                                       | White, brown 8014, walnut, golden oak, sapele and RAL                               |
| BOX SIZE (cm)           | 200/ 250/ 300/ 340/ 370                                                           | 150/ 165/ 180/ 205/250                                                            | 137/ 165/ 180/ 205                                                                                                                                                                                                               | 150 /180                                                                                                    | 137/ 150/ 165/ 180/ 205                                                                                     | 137/ 150/ 165/ 180/ 205                                                             |
| GUIDE RAIL              | AL guide rail                                                                     | AL guide rail                                                                     | AL guide rail                                                                                                                                                                                                                    | AL guide rail                                                                                               | AL guide rail                                                                                               | AL guide rail                                                                       |
| TERMINAL                | AL terminal                                                                       | AL terminal                                                                       | AL terminal                                                                                                                                                                                                                      | AL terminal                                                                                                 | AL terminal                                                                                                 | AL terminal                                                                         |
| ADDITIONAL BENEFITS     | —                                                                                 | —                                                                                 | <b>for a 39 mm slat:</b><br>built-in insect screen<br><b>for a 52 mm slat:</b><br>no built-in insect screen                                                                                                                      | built-in insect screen                                                                                      | built-in insect screen                                                                                      | built-in insect screen                                                              |
| MAXIMUM AREA            | 16 sq.m.                                                                          | 8 sq.m.                                                                           | 6 sq.m.                                                                                                                                                                                                                          | 6 sq.m.                                                                                                     | 6 sq.m.                                                                                                     | 4 sq.m.                                                                             |
| OPERATION               | crank operated motorised                                                          | manual control crank operated motorised                                           | manual control crank operated motorised                                                                                                                                                                                          | manual control crank operated motorised                                                                     | manual control crank operated motorised                                                                     | manual control crank operated motorised                                             |

**NOTE:** Shutters with aluminium slats are made with stoppers which prevent any displacement.

| BUILT-IN MODELS                                                                     |                                                                                                                    |                                                                                                |                                                                                                            |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|
| EXTERNAL BUILT-IN VENETIAN BLIND                                                    | BUILT-IN TROCAL SHUTTERS WITH CONCEALED INSTALLATION                                                               | BUILT-IN TROCAL SHUTTERS                                                                       | BUILT-IN SHUTTERS ROLLPLAST “BASIC”                                                                        |
|  |                                 |             |                         |
| built-in                                                                            | built-in                                                                                                           | built-in                                                                                       | built-in                                                                                                   |
| Z 90                                                                                | AL slat 39 mm                                                                                                      | AL slat 39 mm                                                                                  | AL slat 39 mm / PVC slat 37 mm                                                                             |
| White, bronze, RAL 9015, 9006, 7035, 8014, 7016, 9007, 6005, 3005, 9011             | White, ivory, silver, brown 8014, dark brown 8019, dark oak, walnut, sapele, RAL                                   | White, ivory, silver, brown 8014, dark brown 8019, dark oak, walnut, sapele, RAL               | White, ivory, silver, brown 8014, dark brown 8019, anthracite, golden oak, dark oak, walnut, mahogany, RAL |
| PVC box 90°                                                                         | PVC box 90°                                                                                                        | PVC box 90°                                                                                    | PVC box 90°                                                                                                |
| White and RENOLIT colours                                                           | White, golden oak, dark oak, walnut<br><b>by custom order:</b> walnut, sapele, anthracite, RAL and RENOLIT colours | White, golden oak, dark oak, walnut<br><b>by custom order:</b> walnut, sapele, anthracite, RAL | White, golden oak, walnut, RAL                                                                             |
| 240/250                                                                             | 250/260 ( вкл. 20 мм изоляция)                                                                                     | 175/218, 205/218, 205/240, 250/240                                                             | 203/203 170/170                                                                                            |
| AL guide rail                                                                       | PVC guide rail                                                                                                     | PVC guide rail                                                                                 | L-shaped guide rail with a flush fin                                                                       |
| AL terminal                                                                         | AL terminal                                                                                                        | AL terminal                                                                                    | AL terminal                                                                                                |
| —                                                                                   | available with or without a built-in insect screen                                                                 | —                                                                                              | ossible additional installation of an insect screen                                                        |
| 6,5 sq.m.                                                                           | 6 sq.m.                                                                                                            | 6,5 sq.m.                                                                                      | 6 sq.m.                                                                                                    |
| crank operated motorised                                                            | manual control crank operated motorised                                                                            | manual control crank operated motorised                                                        | manual control crank operated motorised                                                                    |

**NOTE:** Information on motor types on page 126–128



# EXTERNAL **ROLLER BLINDS** (ZIP SYSTEM)

## **ZIP BLINDS:** EXTERNAL BLINDS WITH SCREEN FABRIC AND MOTOR

### WHAT ARE ZIP BLINDS?

ZIP blinds are a modern type of external blinds made of specially designed screen fabric. They are characterized by high resistance to wind, rain and UV rays, which makes them ideal for terraces, porches and other open spaces.

### ADVANTAGES OF ZIP SHUTTERS:

- **High wind resistance:** ZIP blinds are designed to withstand strong wind gusts, thanks to its zip fastening system.
- **Water resistance and uv protection:** The screen fabric is water-resistant and provides robust protection against harsh weather conditions. It blocks up to 95% of harmful UV rays, safeguarding both occupants and interior furnishings from sun damage and fading.
- **Temperature comfort:** ZIP shutters reduce the outdoor temperature by up to 10°C, creating more comfortable atmosphere for rest and relaxation.
- **Oprivity and aesthetics:** Our solutions provide complete privacy and are available in a wide range of colors and designs, allowing them to blend seamlessly with any exterior aesthetic.

### OPERATION AND AUTOMATION

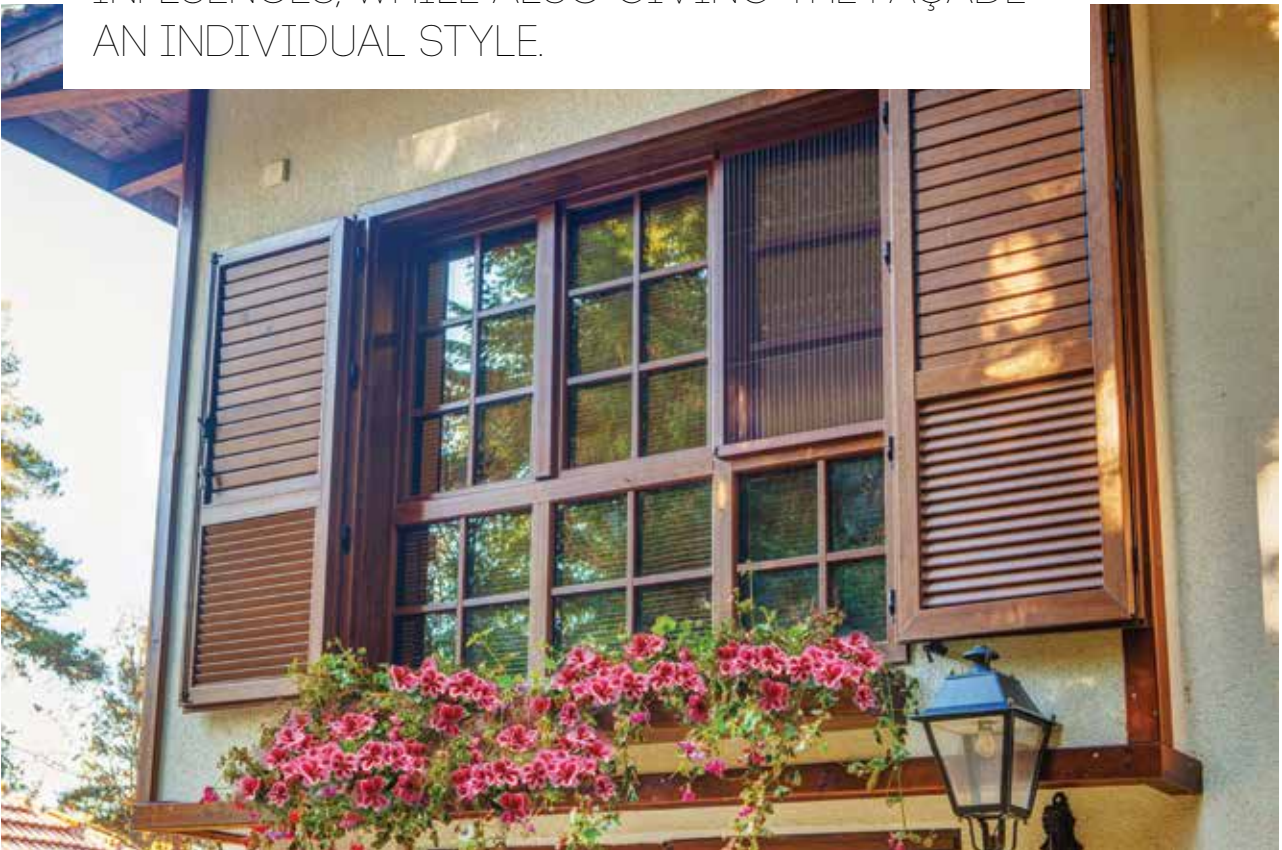
- **Advanced Construction:** ZIP blinds are installed on a robust aluminum structure that can be fixed to either the wall or the ceiling. The screen fabric is integrated into side tracks and secured with a ZIP locking mechanism, ensuring maximum stability and tension.
- **High-Tech Drive:** All ZIP blinds are manufactured exclusively with motorized operation and are conveniently controlled via remote.

This automated functionality positions them as a premium, high-tech solution for modern architecture.

#### TYPES OF ZIP BLINDS:

- **Vertical ZIP blinds:** Suitable for windows, doors and terraces.
- **Horizontal ZIP blinds:** Suitable for pergolas, porches and other outdoor areas spaces.

THEY PROTECT WINDOWS FROM ATMOSPHERIC INFLUENCES, WHILE ALSO GIVING THE FAÇADE AN INDIVIDUAL STYLE.



## WOODEN SHUTTERS

- **Custom Color Options:** Available in a variety of colors from our official catalogue upon request, ensuring a perfect match for your exterior design.
- **Versatile Installation:** Our shutters offer multiple mounting options to suit any architectural need:
  - **Wall-mounted or fixed directly to the window frame.**
  - **Frame with integral trim (architrave):** Eliminates the need for additional plastering or finishing work around the window.
  - **Standard frame (without trim):** For a clean, minimalist look.
  - **Frameless mounting:** Installed directly onto the window unit itself.
- **Durable Hardware:** Equipped with premium hardware featuring a special anti-corrosion coating, ensuring longevity even in harsh weather conditions.



# INTERIOR BLINDS

Interior blinds are very practical and they add elegance and harmony to every room. Their vast product range, the numerous mounting possibilities and the practically endless range of colours and patterns makes them a universal mean for solar protection.





## INTERIOR ROLLER BLINDS: ELEGANCE AND PRECISE CONTROL

Roller blinds are an elegant and stylish element that reflects modern furnishing trends, adding character and a sophisticated finishing touch to your home or office.

### MATERIALS AND DESIGN FLEXIBILITY

Our blinds are crafted from high-quality textiles—100% polyester, as well as specialized compositions of polyester with PVC or fiberglass. The fabrics are anti-static impregnated, making maintenance effortless.

**"Day and Night" Model:** This exceptionally popular option provides unique light control. The fabric features alternating opaque and transparent (mesh) horizontal strips. By overlapping these layers, you can achieve anything from soft light filtering to 100% blackout.

**Versatility:** We offer a vast assortment of patterns and colors, along with various installation options—ceiling-mounted, wall-mounted, or installed directly onto the window frame.

### AUTOMATION FOR MAXIMUM COMFORT

Rollplast offers high-tech motorized solutions that eliminate chains and cords, adding both functionality and elegance to your space.

- **Radio Motor (Standard):** Designed for a Ø 47 mm shaft, making it suitable for large-scale shading areas.
- **Battery-Powered Radio Motor:** Designed for a Ø 28 mm shaft. The built-in lithium battery allows for wire-free installation and lasts up to six months on a single charge (based on four uses per day).

Automation can be seamlessly integrated into all our primary blind series, including: Standard, Comfort, Motifs, Premium, Silhouette, and Maxi.



## INTERIOR ROLLER BLINDS WITH TECHNICAL FABRICS THE IDEAL SOLUTION FOR GLASS FACADES AND PUBLIC BUILDINGS

Roller blinds with technical fabrics represent a high-performance solution for interior climate and light control. They are ideal for expansive windows, office spaces, and administrative buildings where a balance between outward visibility and thermal protection is required.

### TECHNICAL TEXTILES: BLACKOUT II SCREEN

#### CORE TECHNOLOGIES AND EFFICIENCY

At the heart of the system are specialized fabrics engineered for maximum efficiency. We offer two primary types of textiles suitable for facade projects:

#### 1. BLACKOUT TECHNOLOGY: Total Darkness and Intelligent Thermal Control

- **Function:** 100% Total Blackout. Thanks to their dense, multi-layered structure, these fabrics completely block the light flow. This is an uncompromising solution for bedrooms, nurseries, and presentation halls, where light control is paramount for comfort and functionality.
- **UV Protection and Durability:** The multi-layered composition ensures high resistance to fading and structural degradation caused by intense UV exposure.

#### 2. SCREEN TECHNOLOGY

- **Function:** Filters intense sunlight while maintaining a visual connection to the outdoor environment.
- **Glare Control:** Effectively reduces reflections and glare on monitors and workstations, ensuring a comfortable and productive work environment.

#### OPERATION AND VERSATILITY

The system is engineered for flexibility, meeting the demands of both individual residential and large-scale commercial projects:

- **Manual Operation:** Available with a reliable chain-drive system or other manual mechanisms.
- **Automated Operation:** Also available with motorized drive systems, controlled via wall switch, remote control, or fully integrated into Smart Home systems.

| CATEGORY                             | MODEL WITHOUT BOX                                                                 |                                                                                   |                                                                                    |                                                                                     |
|--------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|                                      | ROLLER<br>BLIND<br>MINI                                                           | ROLLER<br>BLIND<br>STANDART                                                       | ROLLER<br>BLIND<br>SPRING                                                          | ROLLER<br>BLIND<br>MAXI                                                             |
|                                      |  |  |  |  |
| VARIANT OF IMPLEMENTATION            | Ordinary fabric<br>Fabric "day and night"                                         | Ordinary fabric<br>—                                                              | Ordinary fabric<br>—                                                               | Ordinary fabric<br>Fabric "day and night"                                           |
| INSTALLATION                         | Window                                                                            | Window<br>Wall<br>Ceiling                                                         | Wall<br>Ceiling                                                                    | Wall<br>Ceiling                                                                     |
| CONTROL                              | Endless chain                                                                     | Endless chain<br>Automation                                                       | Spring                                                                             | Endless chain<br>Automation                                                         |
| TYPE OF MOTOR                        | —                                                                                 | with built-in lithium<br>battery DM25LE                                           | —                                                                                  | Radomotor<br>DM35R-3Nm<br>Mechanical motor<br>DM35S-10Nm                            |
| COLORS OF PVC<br>AND AL ELEMENTS     | White<br>Brown 8017<br>Golden oak,<br>Anthracite                                  | White<br>Brown 8014                                                               | White                                                                              | White                                                                               |
| BOX DIMENSIONS<br>(HIGHT /DEPTH)     | 32 mm x 45 mm                                                                     | 47 mm x 63 mm                                                                     | 47 mm x 63 mm                                                                      | 76 mm x 97 mm                                                                       |
| MAXIMUM<br>PERFORMANCE<br>DIMENSIONS | width 150 cm<br>hight 250 cm                                                      | width 200 cm<br>hight 300 cm                                                      | width 160 cm<br>hight 240 cm                                                       | width 300 cm<br>hight 300 cm<br>for day and night<br>/hight 280 cm/                 |

| MODELS WITH BOX                                                                                            |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
|------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| ROLLER<br>BLIND<br>ELEGANT                                                                                 | ROLLER<br>BLIND<br>LUX                                                              | ROLLER<br>BLIND<br>KOMFORT                                                          | ROLLER<br>BLIND<br>PREMIUM                                                          | ROLLO<br>BLIND<br>SILUETTE                                                          | ROLLO<br>BLIND<br>DUETTE                                                            |
|                         |  |  |  |  |  |
| Ordinary fabric<br>Fabric "day and night"                                                                  | —<br>Fabric "day and night"                                                         | Ordinary fabric<br>Fabric "day and night" model<br>Motivi                           | Ordinary fabric<br>Fabric "day and night"                                           | Ordinary fabric<br>Fabric "day and night"                                           | Ordinary fabric<br>—                                                                |
| Window                                                                                                     | Window<br>Wall<br>Ceiling                                                           | Wall<br>Ceiling                                                                     | Wall<br>Ceiling                                                                     | Wall<br>Ceiling                                                                     | Wall<br>Ceiling                                                                     |
| Endless chain                                                                                              | Endless chain                                                                       | Endless chain<br>Automation                                                         | Endless chain<br>Automation                                                         | Endless chain<br>Automation                                                         | Endless chain<br>Automation                                                         |
| —                                                                                                          | —                                                                                   | —                                                                                   | with built-in<br>lithium battery<br>DM25LE                                          | Radomotor<br>DM35R-3Nm<br>Mechanical motor<br>DM35S-10Nm                            | —                                                                                   |
| White<br>Brown 8017<br>Golden oak<br>Walnut<br>Sapeli<br>Mountain pine<br>Anthracite<br>Silver 9006<br>RAL | White                                                                               | White<br>RAL                                                                        | White<br>RAL                                                                        | White<br>RAL                                                                        | White<br>RAL                                                                        |
| 68 mm x 34,5 mm                                                                                            | 45 mm x 55 mm                                                                       | 72 mm x 80 mm                                                                       | 73 mm x 78 mm                                                                       | 110 mm x<br>101.5 mm                                                                | 112 mm x 51 mm                                                                      |
| width 170 cm<br>hight 300 cm<br>for day and night<br>/hight 210 cm/                                        | width 180 cm<br>hight 240 cm                                                        | width 220 cm<br>hight 280 cm<br>for day and night<br>/hight 260 cm/                 | width 220 cm<br>hight 300 cm<br>for day and night<br>/hight 280 cm/                 | width 300 cm<br>hight 300 cm<br>for day and night<br>/hight 280 cm/                 | width 220 cm<br>hight 160 cm                                                        |



VERTICAL BLINDS: ELEGANCE AND FUNCTIONAL VERSATILITY

Vertical blinds are a classic and versatile solution for both home and office interiors. They serve as a complete replacement for traditional curtains, providing a polished and professional look to any room.

QUALITY AND DESIGN

- Premium Textiles: Our blinds are crafted from high-quality fabrics imported from leading textile manufacturers in Europe, specifically Germany and Turkey.
- Extensive Selection: We offer an exceptionally wide color palette, featuring over 350 fabric styles, including Blackout options for total light exclusion.
- Slat Sizes: Slats are available in two standard widths: 89 mm and 127 mm, providing design flexibility to suit any window size.

ADVANTAGES AND SPECIFIC FUNCTIONALITY

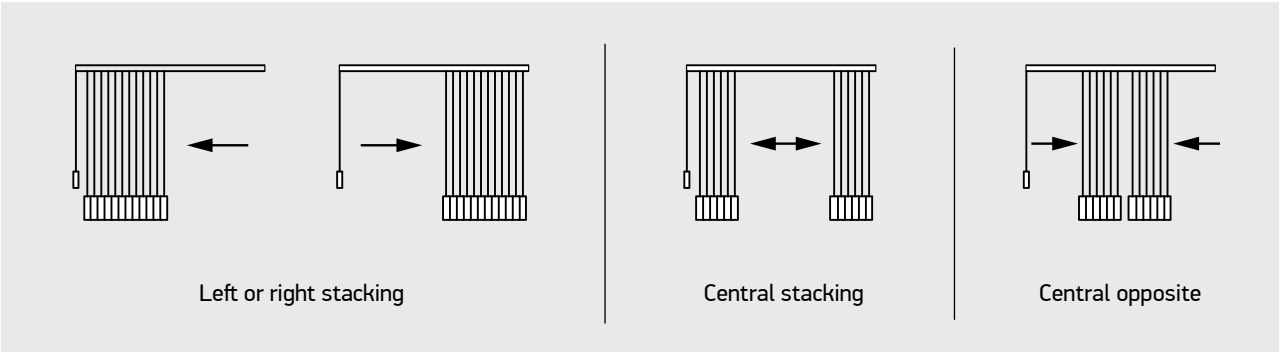
- Vertical blinds offer unique features for precise light and energy management:
- Solar Energy Control: Depending on the client's needs and the room's purpose, our fabrics offer varying levels of light transmission, solar absorption, and reflection.
  - Universal Application: They add a polished, stylish touch to both residential interiors and professional office or administrative spaces.

"DAY AND NIGHT" VERTICAL BLINDS (CURTAIN TYPE)  
THE MODERN ALTERNATIVE TO TRADITIONAL CURTAINS

- "Day and Night" vertical blinds are a modern and functional alternative to conventional curtains and drapes, combining the elegance of soft textiles with the precise light control of blinds.
- Innovative Design:** The system consists of wide fabric slats (43 cm) that innovatively alternate between opaque and transparent sections.
- Light and Privacy Control:** When closed, the blinds create a solid curtain effect for privacy and shading. When rotated, the transparent sections emerge, providing soft, diffused light.
- 2-in-1 Solution:** The primary advantage of this system is that it eliminates the need for both sheer and blackout curtains.
- Creative Customization:** Using the vertical blind mechanism, you can create unique fabric combinations—alternating colors or adding a decorative accent at the edges with specially printed fabrics.
- Flexible Installation:** Can be easily mounted on either the wall or the ceiling.



**OPERATION PLANS:** Depending on the specifics of the room and the surrounding interior, you can choose the operation method for the vertical blinds that suits you. They can be stacked smoothly on different sides depending on your preferences:





PLISSÉ BLINDS: UNIQUE DESIGN AND FUNCTIONALITY

Plissé blinds are a modern interior solution that combines unique design with precise control over daylight and indoor temperature.

UNIQUE FEATURES AND INSTALLATION

- Versatility: One of the main advantages of plissé blinds is their flexibility. They can be manufactured in non-standard shapes, making them the perfect solution for any architectural challenge (arches, triangles, etc.).
- Ease of Use: The blinds are installed on each individual window sash, allowing for easy opening and closing without having to adjust the blind's position. Furthermore, when fully raised, the blind occupies minimal space on the glass.
- Easy Maintenance: For ultimate convenience, our blinds are made from anti-static materials that do not collect dust, ensuring a clean and fresh look with minimal effort.

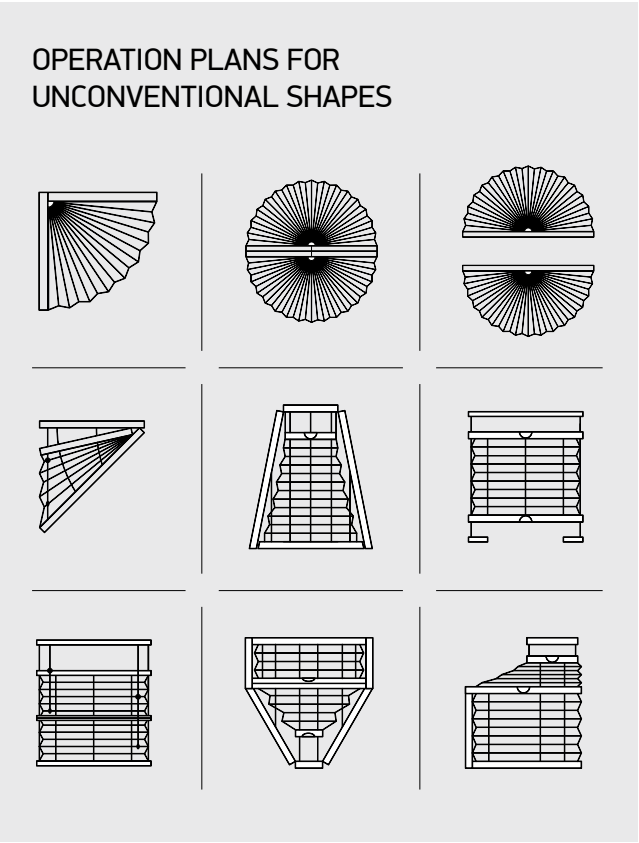
LIGHT CONTROL AND FABRIC OPTIONS

- Our fabric collection covers the full spectrum of light control needs:
- Sheer Fabrics: Primarily for decorative purposes, allowing maximum natural light.
  - Translucent Fabrics: Provide privacy by eliminating visibility while still letting soft light into the room.
  - Reflective (Solar) Fabrics: Feature a special coating that provides high thermal protection by reflecting up to 70% of direct sunlight.

The various control options allow the blinds to move bottom-up, top-down, or in both directions, providing exceptional shading control and privacy.

**"DAY AND NIGHT" INNOVATION**

We also offer the "Day and Night Plissé" system—a practical and beautiful solution. It combines two different fabrics with varying levels of transparency in a single unit, allowing you to switch between different shading effects to suit your needs throughout the day and evening.



"AVANTGARDE" PLISSÉ BLIND **NEW**

The "Avantgarde" interior plissé blind is the latest addition to the Rollplast product range. This model is compatible with standard 20 mm fabrics and features a top-down/bottom-up (two-way) operation, offering the same reliable functionality as our established "Design" model.

Profile Colors: The aluminum profiles and PVC components are available in four essential colors: White, Brown, Anthracite, and Black.

Measurement: Sizing for this model follows the same procedure as the "Design" model: width and height are determined by the glass dimensions, measured precisely from edge to edge between the glazing beads.





VENETIAN BLINDS: STYLE AND FUNCTIONALITY

Venetian blinds are a classic and proven solution for interior sun protection, providing precise control over light and heat within the room.

CONSTRUCTION AND MATERIALS

- Material: Crafted from high-quality aluminum, ensuring a lightweight, durable, and long-lasting product.
- Slat Sizes: Available in 16 mm and 25 mm widths, allowing for a perfect match with the window's aesthetics and dimensions.
- Colors: A diverse range of colors is available, facilitating a seamless match with your interior decor and window frames.
- Maintenance: Equipped with reliable mechanisms and designed for easy cleaning and low maintenance.

FUNCTIONALITY AND INSTALLATION

- Light Regulation: The slats allow for smooth adjustment of light by tilting, providing precise control over brightness and privacy.
- Installation: Installed individually on each window sash. This is a key advantage, as it eliminates the need to raise the blinds when opening the window.
- Stability (Side Guiding): As an essential feature, the side guiding system ensures the blind stays close to the glass, preventing swaying or misalignment of the slats when the window is tilted or open.

MODELS

"LUX"



"STYLE"



"VISION/COMFORT"



**NOTE:** VISION with locking latches, COMFORT - with side guide option upon request.



ROMAN BLINDS: CLASSIC COMFORT and ELEGANCE

Roman blinds are an original and sophisticated product that successfully combines the soft comfort of textile fabrics with the practicality and precision of blinds. They are a perfect fit for every taste and interior style.

DESIGN AND AESTHETICS

- A Classic Solution: Regarded as one of the most elegant interior shading options, serving as a modern and stylish alternative to traditional curtains and drapes.
- Visual Appeal: When fully lowered, the fabric lies nearly flat against the glass; when raised, it stacks into impressive, elegant horizontal folds.

- Textiles: A wide range of high-quality fabrics is available, allowing for perfect harmony with any interior decor.

FUNCTIONALITY AND MAINTENANCE

- Convenience: The mechanism is specifically designed for easy fabric removal, making cleaning or replacement simple and hassle-free.

AUTOMATION

- Motorization: An optional radio-controlled motor is available for automated operation. The system operates at 12V (low voltage), ensuring safety and easy integration into the home.

MODELS

"STYLE"



"LUX"





## WOODEN HORIZONTAL BLINDS: NATURAL WARMTH AND COMFORT

In the changing modern day life, wooden horizontal blinds are used increasingly frequently in home décor. They add warmth and comfort to the ambiance of the room and are not only a functional, but a decorative product as well. They filter the harmful rays of the sun and maintain a cooler temperature in the room as compared to aluminium blinds and better insulation due to the wooden material.

### MATERIAL AND INSULATION BENEFITS

- **Natural Material:** Our blinds are crafted from 100% natural Basswood, ensuring premium quality, stability, and durability.
- **Thermal Regulation:** Wood naturally filters harmful UV rays and maintains a cooler indoor temperature compared to aluminum blinds. As a natural insulator, wood also provides superior thermal retention during the colder months.

### SIZES AND DESIGN

- **Slat Options:** Available in two elegant slat widths: 25 mm and 50 mm.
- **Color Palette:** Choose from eight luxury finishes:

White, Natural Light Wood, Golden Oak, Dark Oak, Walnut, Mahogany, Anthracite, and Matte Black.

- **Design Detail:** Both models feature a decorative valance that elegantly conceals the metal headrail and the control mechanism.

### INSTALLATION AND AUTOMATION

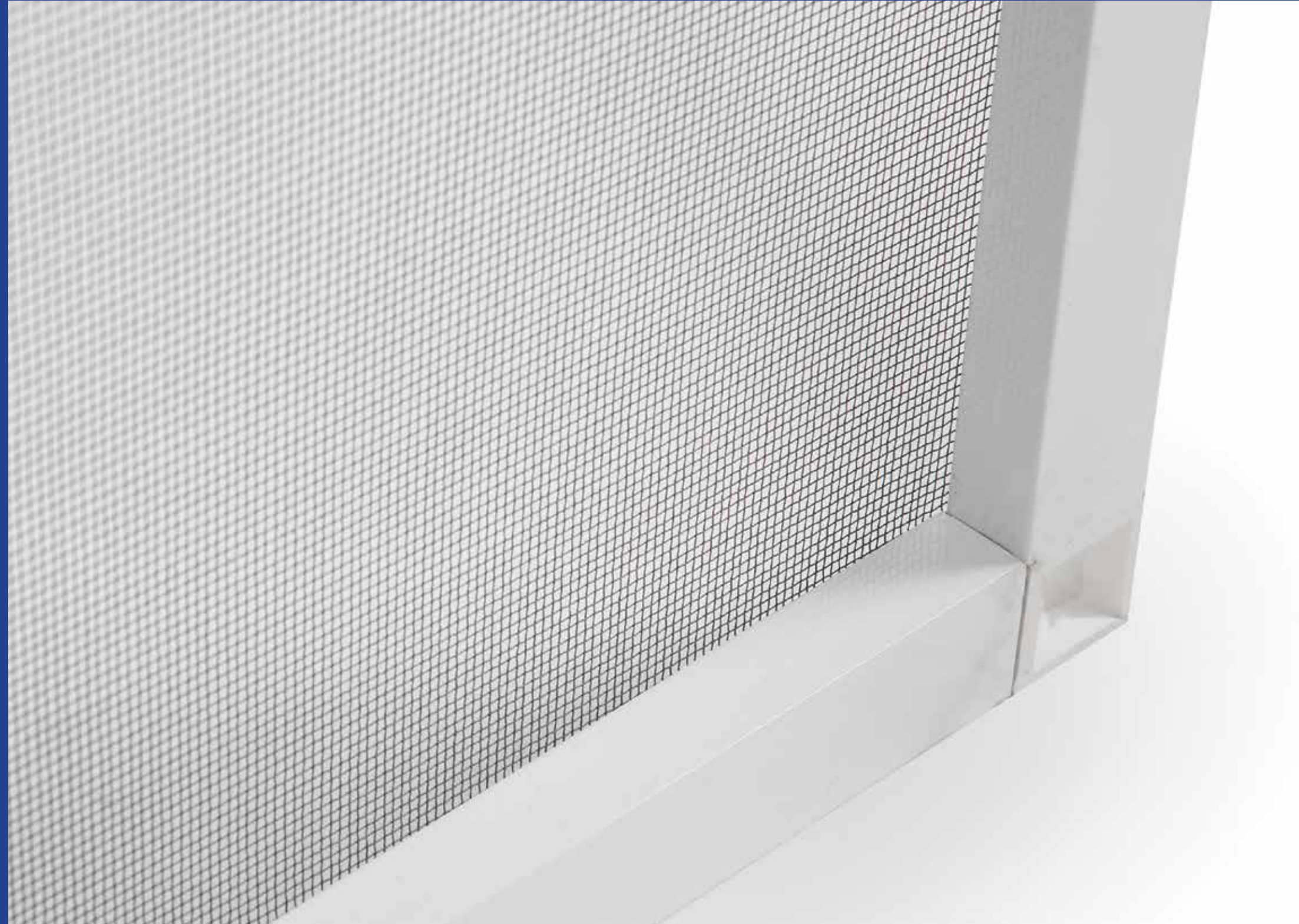
- **25 mm Slats:** Installed directly onto the window frame using a premium metal bracket.
- **50 mm Slats:** Recommended for wall or ceiling mounting, making them ideal for shading large areas. This model also offers the option for motorized automation.



# INSECT SCREENS

The screens are made in coordination with the size of the windows and doors and their discrete placement is a priority, so as not to reduce visibility.

- They are made of high-quality aluminium frames and fibreglass mesh with Teflon coating;
- They require almost no maintenance;
- Powder coating of the aluminium profiles in RAL colours optional;
- The specifics of roll-up mesh screens allow for their installation on all types of windows, as well as their combined installation with interior roller blinds. Four main types of insect screens are available: static, roller, pleated and door type.



## ROLLER MESH SCREEN – WINDOW TYPE:



- Available colours – white, brown 8014, golden oak, walnut, dark oak and choice of RAL colour;
- Maximum sealing of the window frame;
- The roller function provides you with comfort and efficiency;
- Optimal storage during the winter months for long and seamless operation;
- Available installation on all types of windows, as well as their combined installation with interior roller blinds;



## FLY SCREEN MODELS:

## CLASSIC

A reliable and time-tested solution.

Available Colors: 7 standard colors (White, Brown, Golden Oak, Dark Oak, Walnut, Mahogany, Anthracite).

Customization: Option for powder coating in any color from the RAL catalogue.

## PRESTIGE

Featuring a more elegant and robust profile for enhanced durability and aesthetics.

Available Colors: 7 standard colors (White, Brown, Golden Oak, Dark Oak, Walnut, Mahogany, Anthracite).

Premium Finishes: Available in wood-grain effects and custom RAL powder coating.

## STATIC:

- Suitable for windows where no movement of the mesh is required;
- Option for seasonal disassembly and reassembly;

## NEW: REINFORCED PET SCREEN FOR STATIC FLY SCREENS

For our static fly screens, we now offer an optional Pet Screen (NEW). This reinforced mesh is an innovative solution designed for environments requiring maximum resistance to mechanical stress and external influences.

The mesh is crafted from high-strength fiberglass fibers with additional metal reinforcement, guaranteeing an exceptionally high degree of durability. This composite composition drastically increases resistance to tearing or puncturing, providing reliable protection against insects while withstanding contact with pets or strong winds.



## MODELS:

- **Static “ELEGANT” model** with available colours: white, brown, golden oak, walnut, mahogany and painting in RAL colours;
- **Hinged model** – available in the following colours: white, brown, golden oak, dark oak, mahogany, walnut and painting in RAL colours;

## PLEATED MOSQUITO NET MINIMA



Designed to overcome problems caused by small mounting space. The thickness of the profile is 17 mm and is suitable for installation between an already installed external blind and a window.

## ADVANTAGES

- **Magnetic Strip:** Ensures a perfect and secure closure every time.
- **Ultra-Smooth and Silent Operation:** Engineered for effortless and noiseless movement.
- **Long-Term Reliability:** Guaranteed long and trouble-free service life.
- **Maximum Sealing:** Provides a perfect seal against the window frame to keep insects out.
- **Integrated Installation:** Compatible for simultaneous installation with external roller shutters.

PLEATED INSECT SCREENS:  
DOOR TYPE MODEL / WINDOW  
TYPE MODEL

- Optional manufacture in larger sizes and installation on gateways;
- An elegant and effective solution to the problem with those annoying insects;
- Maximum stacking when retracted;
- A luxury and innovative alternative to standard screen models;
- Available colours – white, brown 8014, golden oak and walnut. The colours available by custom order with a longer implementation period are mahogany and the customer's choice of RAL colours.
- Option for manufacturing a low-threshold insect screen
- Possibility to make insect screen with 3 sections up to 450 cm wide





# GARAGE DOORS

## SECURITY, FUNCTIONALITY, AND STYLE

The garage doors offered by Rollplast combine three core characteristics: exceptional durability, high functionality, and a wide variety of colors.

They are designed as a reliable solution for securing and protecting a broad spectrum of properties – from residential garages to offices, shops, and commercial establishments. The time-tested locking mechanisms equipped on our doors guarantee your security and long-term peace of mind.



SECTIONAL GARAGE DOORS

- Custom solutions with modern design and excellent thermal insulation properties (U=1.6W/m2K)
- Available in 500mm and 610mm sizes with a thickness of 40mm, produced by industry leaders Marcegaglia (Italy)
- Wide variety of panel colors and types
- Available with manual and automatic operation
- Garage doors can be manufactured with a maximum width of 6000 mm and a maximum height of 3500mm, while not exceeding 180kg.

TECHNICAL ADVANTAGES

- Easy adjustment to various construction conditions
- The frames allows for installation in small spaces
- Easy and quick installation, thanks to its unique suspension system with innovative components.
- Reinforced hinges.



- Springs for 15,000 cycles, which is equivalent to 5 opening and closing per day for 8 years.
- Option to add windows



A VARIETY OF MODELS AND COLOURS

SMOOTH PANEL



- 9016P
- 70163P
- GOLDEN OAK
- WALNUT
- RAL

5-LINE PANEL



- 9006
- RAL

PANEL TYPE CARTRIDGES



- 9016P
- RAL

For all model we offer RAL painting

**CAUTION!** RAL painting is only on the outside



DEPENDING ON THE CONSTRUCTION OPENINGS, WE OFFER 2 INSTALLATION SYSTEMS:

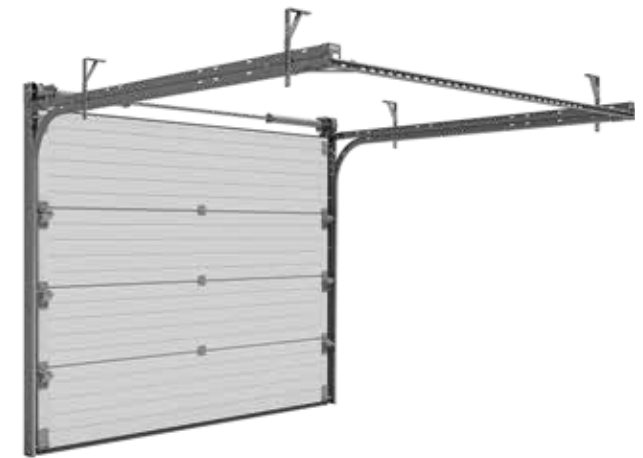
CHARACTERISTICS **HOME X** SYSTEM  
(Side mounting of springs)

- Applicable for garage doors with a height of up to 250 cm and 130 kg.
- Construction opening requirements – 90mm height of lintel for manual operation and 120 mm for automated control



CHARACTERISTICS **HOME F** SYSTEM  
(Installation with front torsion springs)

- Garage doors up to 180 kg and with a height of over 250 cm.
- Garage doors with width over 550 cm are made with reinforcing profiles on the panels. If the color of the panels is a dark color and is directly exposed to the sun, their use is recommended.
- The necessary requirements for installation are the are a 190 mm lintel.

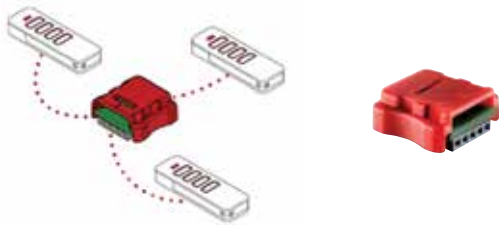


AUTOMATION FOR SECTIONAL GARAGE DOORS

- A flexible wall or ceiling installation due to the separate hull of the control unit PRO +.
- Safety due to the encrypted remote control system.
- Environmental and economic efficiency – low energy consumption.
- Constant LED lighting equipped with 6 separate lights which are switched within two safety circuits.
- An integrated release system for the motor in emergencies.



MEMO memory expander

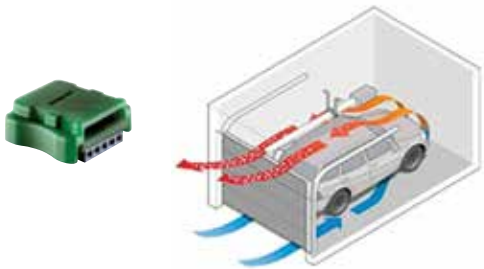


Used for expanding the memory to 450 transmitters (remote controls).

Remote controls



Humidity sensor



When air humidity is high, the motor will automatically open the door, ensuring excellent circulation. When the optimal value is achieved, the door will close, reducing the risk of mould formation.

Laser



Provides optical assistance for perfect positioning of the vehicle in the garage.

Rechargeable battery in the event of power failures



Delivers energy for 12 hours and 10 door cycles in the event of a power failure.

Smart device for sectional doors



INDUSTRIAL SECTIONAL DOOR

**RELIABILITY AND FUNCTIONALITY:**  
these are the strengths of Rollplast's industrial sectional doors. They answer everyone architectural requirements and are equipped with the most innovative control systems. Completely automated, with Sommer motor included, model GIGAsedo, characterized by flexible an installation system that allows the basic system settings to be changed, to meet individual requirements.

Rollplast industrial doors are designed to guarantee high load capacity - up to 660 kg and a maximum area of 48 m2.

INSTALLATION SYSTEM

STANDART LIFT



VERTICAL LIFT



HIGHT LIFT



|                | Standart lift | Vertical lift | Hight lift |
|----------------|---------------|---------------|------------|
| Max width, mm  | 8500          | 8500          | 8500       |
| Max hight, mm  | 7500          | 6000          | 6500       |
| max area, m2   | 48            | 48            | 48         |
| Max weight, kg | 660           | 600           | 660        |

Our systems for sectional and industrial garage doors allow the installation of a pass door. With a free pass through width of 840 mm and an opening angle of 90° the height of the pass door itself is between 1820 and 2150 mm. It is suitable for sectional doors between 1840 and 5020 mm wide.

THE SYSTEM INCLUDING:

- Low threshold – A low threshold of only 23 mm guarantees easy access.
- Finger safe solution – Our finger safe solution prevents fingers from getting caught between the aluminium frame parts.
- Internal hinges – Internal adjustable hinges are designed for easy installation and small adjustments of the door.
- The high-end sealing solution



AUTOMATION FOR SECTIONAL DOORS - INDUSTRIAL

MOTOR FOR INDUSTRIAL SECTIONAL DOOR GIGASEDO

Programming the motor is easy with the three buttons integrated into the control unit. The extreme switches are easily adjustable in the version without control unit using standard pushbutton.

The motor from German manufacturer SOMMER is in charge of all norms and requirements in every industrial application for which it holds the relevant certificates, but also completely satisfies the requirements of each client. It is durable, reliable and also fast at opening and closing the industrial door.



**APPENDIX:**  
Suitable for any type of industrial door.

**COMFORT:**  
They guarantee low levels of vibration and noise in each working phase.



FULL VISION PANELS:

Maximum Light and Contemporary Design

Full Vision panels are a specialized type of glazed sections designed for sectional garage and industrial doors. They combine elegant design with maximum light transmission, providing a modern and prestigious appearance without compromising the strength and security of the door.

APPLICATIONS AND BENEFITS:

- **Maximum Transparency:** Ideal for show-rooms, workshops, and commercial buildings that require high visibility and natural light.
- **Durability:** Engineered to withstand heavy use while maintaining a sleek, professional look.
- **Aesthetic Appeal:** Enhances the architectural value of the building with its clean, minimalist lines.



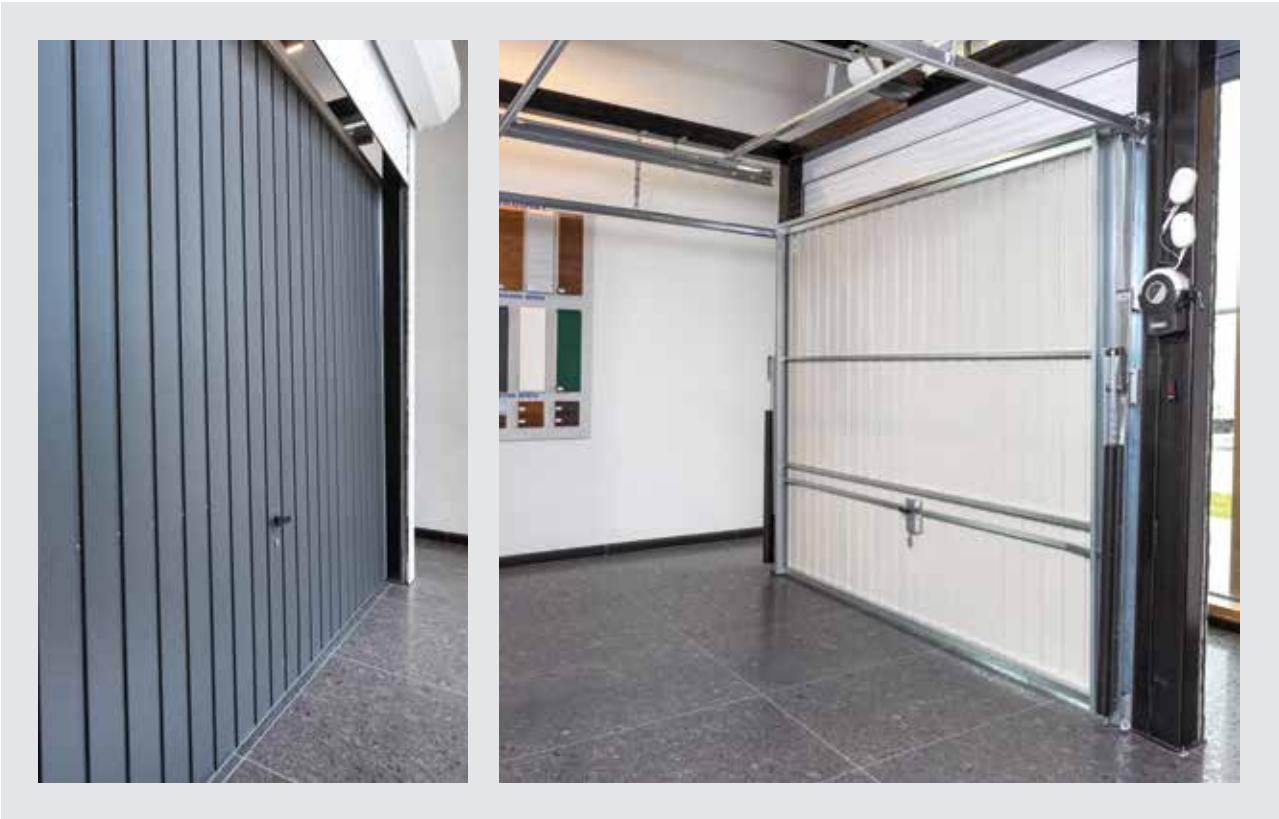
CONSTRUCTION AND MATERIALS

- **Frame:** Aluminum construction, powder-coated in any color from the RAL catalogue, ensuring long-lasting aesthetics and durability.
- **Glazing (Infill):** Double-layer plexiglass infill, with each layer being 3 mm thick (total glazing thickness: 22 mm).

FLEXIBILITY AND APPLICATION

- **Позициониране: Positioning:** Panels can be positioned at the top, middle, or bottom of the door. For intermediate configurations, you can include 1, 2, 3, or more panels, depending on the overall height of the door.
- **Fully Glazed Doors:** The door can be manufactured entirely with transparent Full Vision panels. This configuration requires high-durability springs to ensure proper door balancing and smooth operation.
- **Design:** To achieve a specific aesthetic, the panels are visually divided into individual sections (lites). The number of sections is determined by the total width of the panel

GARAGE DOORS “UP-AND-OVER”



This is an economical yet reliable solution for your garage. Crafted from high-strength galvanized steel sheets, it guarantees long-term durability and high resistance to external influences.

CHARACTERISTICS

COVERAGE:

- Painted on the outside in white RAL 9010 or anthracite sable structure color. Option for painting in RAL color with acrylic paints. –

COMPONENTS:

**CASE:** Folded and galvanized sheet metal profiles.

**SHEET:** Galvanized or pre-coated folded and ribbed sheets

Painted on the outside in white RAL 9010 or anthracite sable structure color. Option for painting in RAL color with acrylic paints.

HARDWARE:

- From galvanized steel with a thickness of 8 mm.
- Spring kit with anti-breakage protector.

- Adjustment of spring pressure.
- Anti-friction plastic wheels

CLOSURE:

- Double locking mechanism with enhanced security.
- With special lock and three keys

STABILIZATION:

- Stabilizing bar connecting hardware levers

SIZE:

- The width of the light opening.
- The frame is 5.5 cm thick, i.e. the outer dimension of the door becomes +11 cm.

Sizes kept in stock:

2400x2000, 2400x2125, 2500x2000, 2500x2125, 3000x2000 и 3000x2125

ROLLER TYPE GARAGE DOORS



**GARAGE DOORS** are made of a sturdy and reliable aluminium maxi slats H 77 L 19 mm with polyurethane filling and slats with a height of 55 mm.



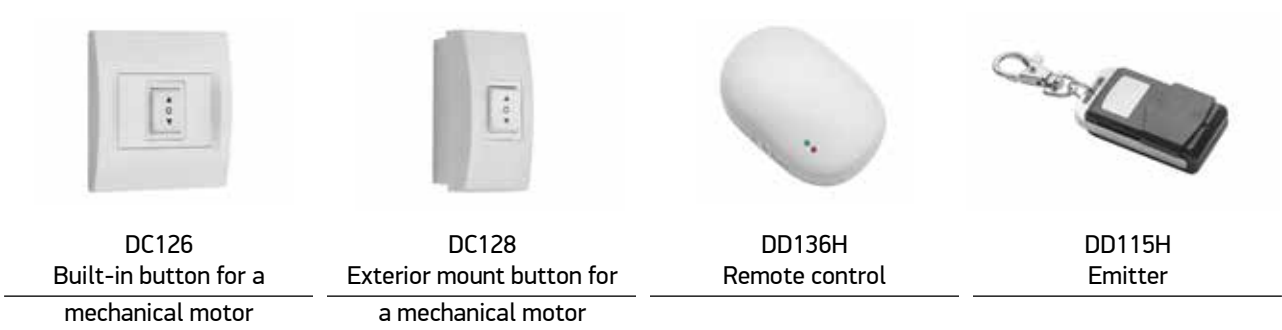
- High soundproofing and thermal insulation indicators;
- Easy and quiet opening;
- They occupy a minimum amount of space inside and outside during opening;
- Operation is performed via a motor operated from a button, a central locking system or by remote control;
- Width of 5 m and height of up to 3.2 m. Total possible surface area of up to 16 sq.m.
- Option for emergency opening using UPS, a crank or a bowden cable;
- For improved security in emergencies, a photo-cell or a safety beam with a built-in sensor;
- The main colours are: white, brown, silver, anthracite, golden oak, walnut, sapele (custom order only), other colours available with a 30-day delivery period;

AUTOMATION FOR ROLLER DOORS AND SHUTTERS WHEN CONTROLLED BY EL. MOTOR  
THE POSSIBILITIES ARE MANY:

- Button
  - Remote control
  - Central control systems
- Systems with the possibility of weekly or monthly programming

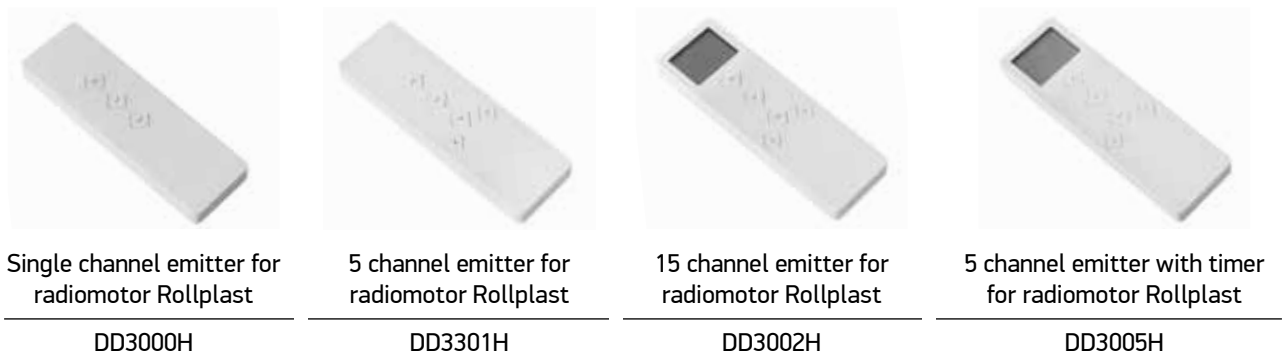
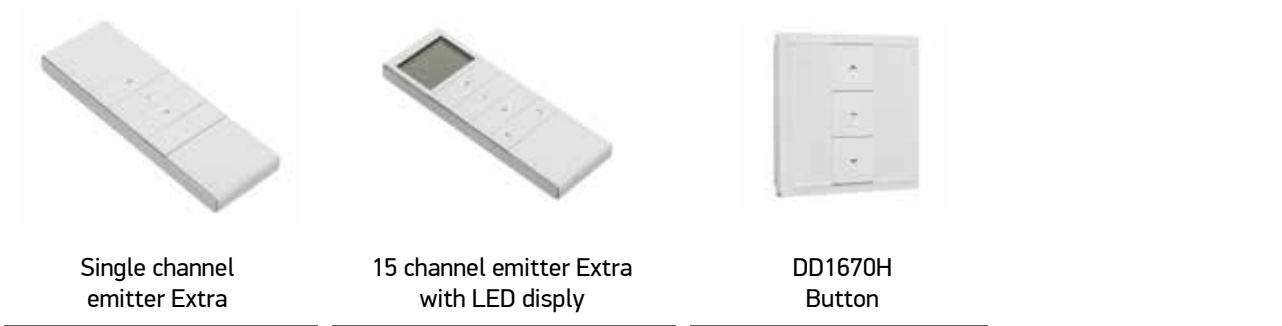
MECHANICAL MOTORS FOR EXTERNAL BLINDS AND GARAGE DOORS

- Motor Rollplast DM45S-30Nm for axis f60
  - Motor Rollplast DM45SD-20Nm (for narrow shutters) for axis f60
  - Motor Rollplast DM35SD-10Nm (for narrow shutters) for axis f40
- "Rollplast" motor with crank reducer DM45M-30Nm
  - Motor Rollplast DM59S-120 Nm for axis f70
  - "Rollplast" motor with crank reducer DM59M-120 Nm for axis f70



RADIOMOTORS FOR ROLLER SHUTTERS AND GARAGE DOORS

- Radiomotor Rollplast DM45R-20Nm/30Nm
  - Radiomotor Rollplast DM59R-120Nm
- Radiomotor Rollplast DM35R-10Nm

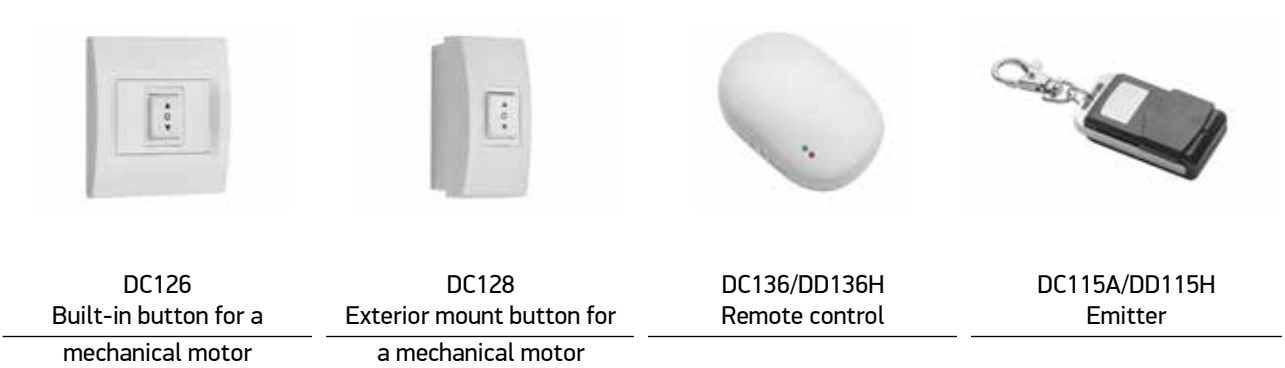


ROLLPLAST MOTOR WITH SOLAR PANEL DM45DS-20NM FOR EXTERNAL BLINDS



MOTOR WITH OBSTACLE BRAKING FUNCTION FOR EXTERIOR BLINDS

- Rollplast motor with anti-obstacle braking function DN45BD-20Nm
- Rollplast motor with anti-obstacle braking function DN45BD-50Nm



EXTERNAL VENETIAN BLINDS



## ACCESSORIES FOR GARAGE DOORS



emitter



Photocell Set



Memory Expansion Module



Remote Control

## DRIVE SYSTEM WITH INTEGRATED MANUAL CRANK OVERRIDE

The drive system with an integrated crank gearbox offers an intelligent security solution, where the manual control mechanism is activated only in the event of a power failure. As long as the door has electrical power, the crank function remains locked.

This ensures that the door cannot be forced open from the outside, providing you with additional peace of mind and protection for your home or business.



## SMART CONTROL BRIDGE

- Rollplast DD7002 Smart Control Bridge

## INTELLIGENT MANAGEMENT

The Wi-Fi bridge is Wi-Fi to RF+ with an integrated RS485 interface. It establishes a connection through the user's Wi-Fi router at home and allows control of motorized products (exterior and interior blinds, garage doors and venetian blinds) with a specific smartphone application and interaction with an ecosystem such as Amazon Alexa, Google Assistant, IFTTT and SmartThings, etc., through a cloud API. The RS485 interface offers an additional option for integration into third-party home automation systems.

**Max 30 Bikes, Max 20 Scenes, Max 20 Timers, Max 20 Rooms**



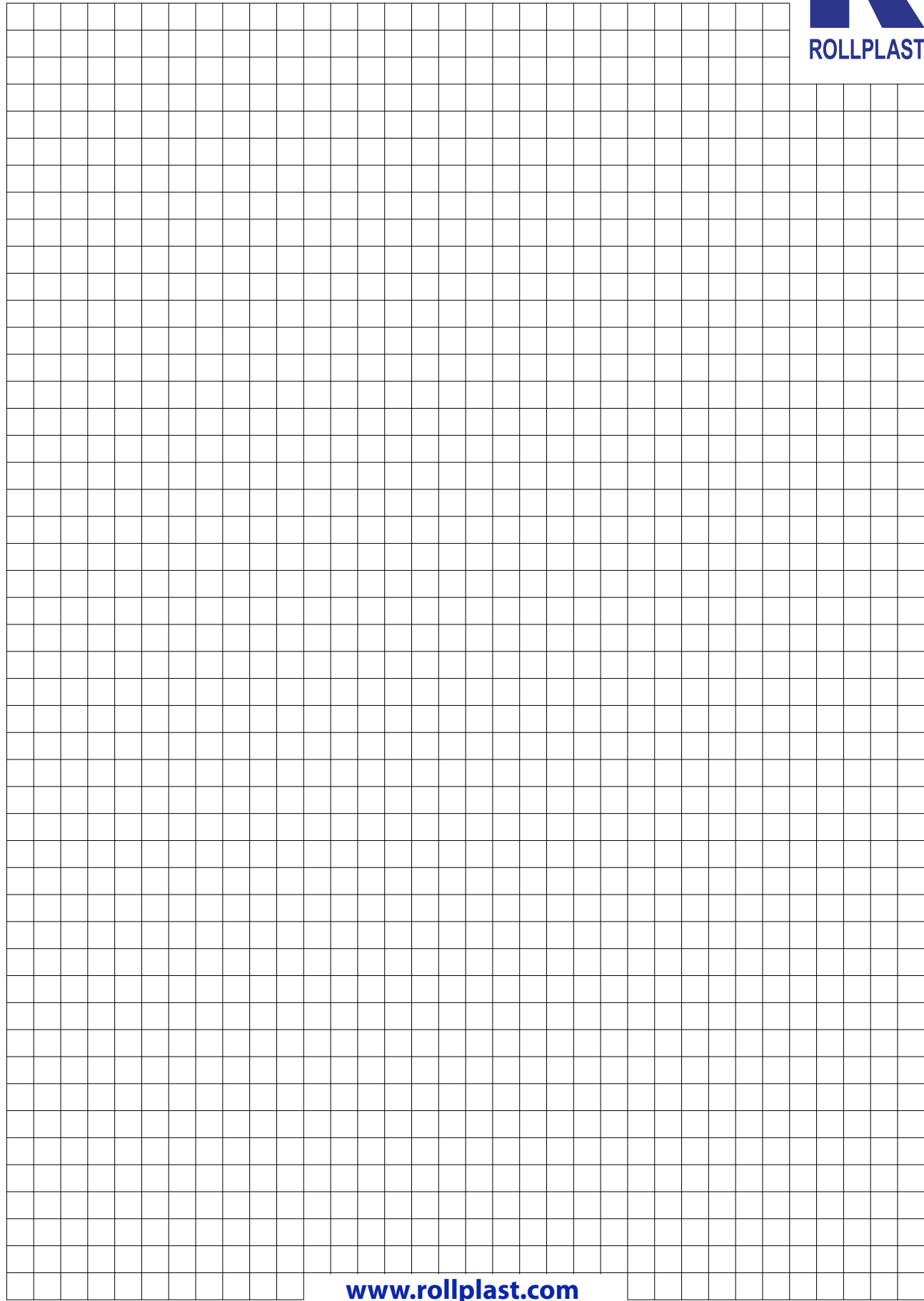
## CONSUMER STANDARDS

1. Our showrooms give you the opportunity to browse all our products in a pleasant atmosphere;
2. Our competent advice for the separate products will facilitate and guide you in your choice;
3. Our sales consultants will offer you different options in accordance with your specific requirements;
4. You can also receive an individual price offer on location in our showroom in compliance with your inquiry;
5. We offer the opportunity to set a consultation with an expert at a time which is convenient for you;
6. We will answer all questions regarding the delivery, the technical requirements and the installation of the products clearly and thoroughly;
7. We will deliver your order on time and manufactured in compliance with all European standards;
8. We will install the items as quickly as possible at a time and date convenient for you;
9. You will receive full follow-up service;
10. We react quickly and we will respond to all your questions and requests;

## WARRANTIES

1. **WOODEN WINDOWS AND DOORS – 60 months** warranty for the materials and **24 months** for the installation.
2. **PVC WINDOWS AND DOORS – 60 months** warranty for the materials and **24 months** for the installation.
3. **WINDOWS AND DOORS FROM AL – 60 months** warranty for the materials and **24 months** for the installation.
4. **GLASS SLIDING – 24 months** warranty for the materials and for the installation.
5. **FOLDING GLASS SLIDING – 24 months** warranty for the materials and for the installation.
6. **GLASS SHOWER CABIN – 24 months** warranty for the materials and for the installation.
7. **GLASS RAILINGS – 24 months** warranty for the materials and for the installation.
8. **GLASS UNITS – 60 months** warranty for airtightness – lack of moisture in the air space of the glazing unit.
9. **24 months** warranty for **DEFECTS** – which are not caused by mechanical damage
10. **INTERIOR DOORS FROM BOARD AND MDF – 24 months** warranty for materials and installation.
11. **EXTERNAL ROLLER BLINDS – 24 months** warranty for the materials and for the installation.
12. **EXTERNAL VENETIAN BLINDS – 24 months** warranty for the materials and for the installation.
13. **ROLLER GARAGE DOORS – 24 months** warranty for the materials and for the installation.
14. **SECTIONAL GARAGE DOORS – 24 months** warranty for materials and installation.
15. **INTERNAL BLINDS – 24 months** warranty for the materials and for the installation.
16. **INSECT SCREENS – 24 months** warranty for materials and installation.

Production base  
Kostinbrod, 19 Imperator Konstantin Veliki Street,  
02/ 812 69 21, 02/ 812 69 61



Date: \_\_\_\_\_





**ROLLPLAST**

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