

**eko
okna**

STEEL CATALOGUE



המרכז
למחקר

CONTENTS

UNICO	12
UNICO XS	16
PRESTO	20
PRESTO XS	24
NORM SLIDE	28
NORM PIVOT	30
COLOUR	34
ALULINE DOOR PANELS	37
GARAGE DOOR PANEL	40
MODEL WINDOWS AND DOORS	42
ACCESSORIES	45
DOOR HANDLES	52





MODERN STEEL WINDOWS AND DOORS

The return to industrial design means that steel joinery still arouses great interest. It is not only a unique decoration for architecture, but also safety and high thermal and acoustic parameters.

Steel joinery is most often used for historic buildings and tenement houses in order to maintain the original shape and appearance. Steel allows you to create visually subtle constructions impossible to make from aluminium profiles.

Steel elements are also used in industrial facilities due to their excellent strength and long service life. Due to high impact resistance, vandal-resistant doors can be used in public utility places and in places particularly exposed to devastation.



INDIVIDUALISM

Individual projects tailored to the user's requirements as well as the appearance and character of the building. Knowledge and experience in the production of steel products allow us to create a project that will fully meet your requirements. Depending on the needs, steel windows and doors can take various shapes. The most unusual projects require precise calculations by specialists, which should not discourage the installation of unusual windows and doors. It is important to surround yourself with things that give us joy, and original ideas will please the eye for a long time.



EVERYTHING FOR THE HOME

Years of experience, qualified staff, modern machinery, and the ability to respond to market needs have allowed us to create a complete offer of joinery. It includes windows, doors, gates, roller shutters, sliding systems, facade systems, mosquito nets, facade blinds and all types of complementary accessories. Now, with one transport, you can receive the most complex order.



TRANSPORT OF THE ORDER

In order to ensure timely delivery of orders, we have created our own fleet of trucks. Each of them is equipped with a forklift, so in addition to transport, we also offer unloading the order at the indicated place. In response to your needs, each of our vehicles has been equipped with a payment terminal, so that customers can pay for the order directly to the driver.



HIGHEST QUALITY

Production in our plants is based on components from reputable suppliers. Attention to every detail and the highest quality are the goals that guide us in our daily work. The accuracy with which our products are made is a guarantee of durability and unchanged appearance for many years.

We offer two steel systems: with a thermal break or - in buildings with lower energy needs - without a thermal break. Both systems are ideal for the construction of windows, doors, partition walls, vestibules, display cases, showcases and all types of spatial structures.

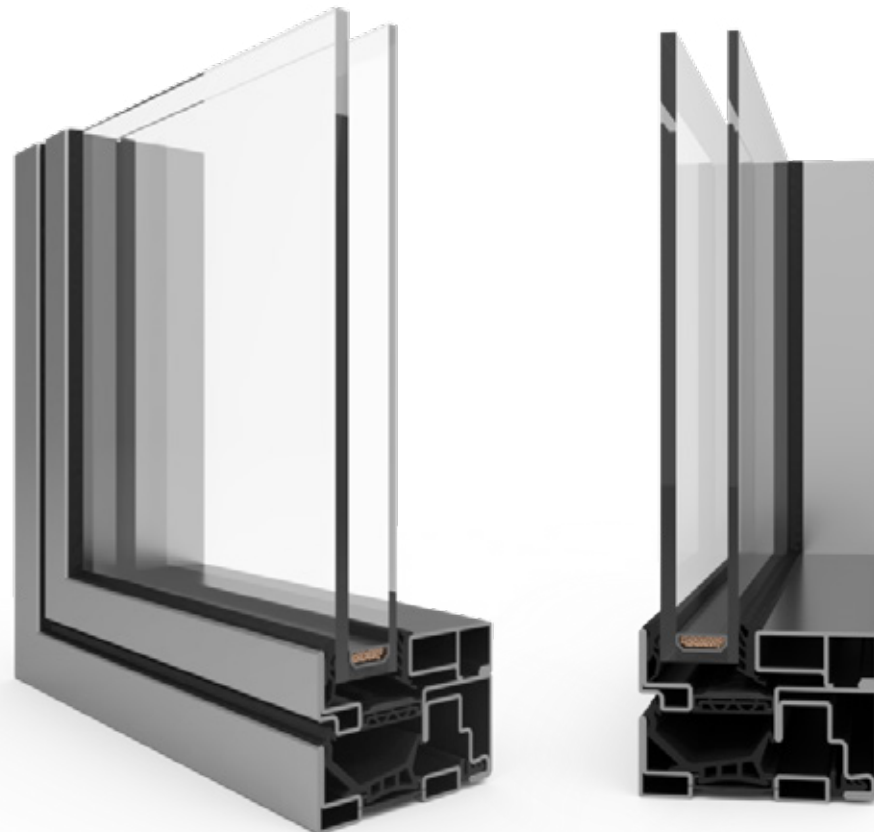
Advantages of steel joinery:

- slender and stiff profiles,
- excellent static parameters,
- the ability to create large-size structures,
- no visible corner connections,
- 100% steel, 100% recyclable,
- for use in both traditional and modern construction,
- high aesthetics of workmanship - welded structure, welded joints are ground and polished,
- systems with an elegant finish,
- flush sash with frame,
- high resistance to destruction,
- use in industrial and revitalized facilities.



UNICO

WINDOW SYSTEM



3

gaskets

3

chambers

70

installation
depth (mm)

62

folding height (mm)



hidden fittings



single and double
sash window



modern look

Window and door system with a thermal break. It can successfully find application in residential construction, including energy-saving construction. The system is characterized by excellent static parameters.

- galvanized steel profiles,
- maximum glazing thickness of the window up to 60 mm,
- a thermal break made of stainless steel,
- gaskets made of two-component synthetic rubber EPDM, which guarantees resistance to ageing during many years of operation and very good thermal insulation,
- high aesthetics of workmanship - welded structure,
- welded joints are ground and polished,
- thermal break for additional structure stabilization,
- the system is recommended for use in energy-saving construction,
- the ability to create large-size structures,
- possibility of making the HI version,
- for use in both traditional and modern construction,
- powder coated profiles.

UNICO

DOOR SYSTEM



2

gaskets

3

chambers

70

installation
depth (mm)

130

folding height (mm)



a wide range
of door accessories



single and double doors



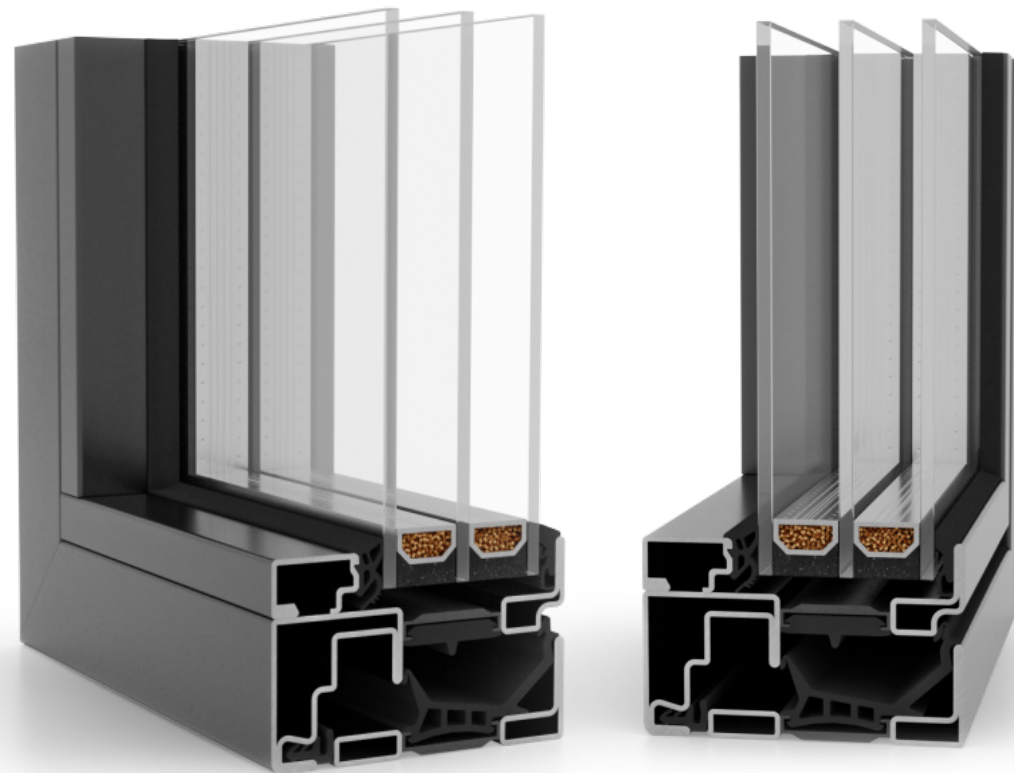
modern look

UNICO warm steel systems are characterized by an excellent heat transfer coefficient while maintaining slender structures. The system has a thermal break in the form of a welded stainless steel grid inside the profiles.

- opening inwards and outwards,
- the system is recommended for use in energy-saving construction,
- the ability to create large-size structures,
- possibility of making the HI version,
- for use in both traditional and modern construction.
- galvanized steel profiles,
- high aesthetics of workmanship - welded structure, welded joints are ground and polished,
- thermal break for additional structure stabilization,
- a thermal break made of stainless steel,
- the door is available with and without a threshold (self-closing threshold),
- filling with glass or panel, aluline panel, garage door panel,
- profiles double sealed around the perimeter,
- welded hinges with up / down adjustment,
- maximum door glazing thickness up to 42 mm,
- both single-point and multi-point locks,
- the possibility of using anti-panic fittings,
- gaskets made of two-component synthetic rubber EPDM, which guarantees resistance to ageing during many years of operation and very good thermal insulation,
- powder coated profiles.

UNICO XS

WINDOW SYSTEM



3

gaskets

3

chambers

70

installation
depth [mm]

55

folding height
[mm]



concealed fittings



minimalist design



exceptionally slender
profiles

A versatile window system that is distinguished by its exceptionally slender profiles. It is equipped with a thermal break, thus effectively reducing the energy requirements of buildings. Unico XS is also characterised by outstanding acoustic insulation.

- profiles made of galvanised steel,
- maximum glazing thickness of a window up to 60 mm,
- construction depth 70 mm,
- thermal break made of stainless steel,
- gaskets made of EPDM two-component synthetic rubber, which guarantees excellent thermal insulation and resistance to deterioration during long-term operation,
- concealed fittings,
- high aesthetics welded construction; welded joints are filed and polished,
- thermal break providing additional stability to the structure,
- the system is recommended for use in energy-efficient construction,
- possibility to create large structures,
- a HI version available,
- for use in both traditional and modern architecture,
- powder-coated profile.

UNICO XS

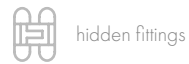


PRESTO

WINDOW SYSTEM



2	1	50	105
gaskets	chambers	installation depth (mm)	folding height (mm)



hidden fittings



single and double sash window



modern look

Window and door system without a thermal break. Due to its insulating parameters, it is ideal for making architectural elements that do not require thermal insulation.

- galvanized steel profiles,
- frame and sash made of the highest quality
- single-chamber steel sections,
- without a thermal break, with a wall thickness of 1.5 mm,
- the system allows the use of glass sets with a thickness of 6 to 36 mm,
- powder coated profiles,
- high aesthetics of workmanship - welded structure,
- welded joints are ground and polished,
- cost-effective system,
- possibility of making large-size structures,
- an elegant finish system - a flush sash with a frame on the outside,
- for use in both traditional and modern construction.




PRESTO

PRESTO

DOOR SYSTEM



2	1	50	130
gaskets	chambers	installation depth (mm)	folding height (mm)

 a wide range of door accessories

 single and double doors

 modern look

Profiles are made of galvanized sheet, which combined with two-layer powder coating is a guarantee perfect anti-corrosion protection.

- double profiles sealed around the perimeter,
- filling with glass or panel, aluline panel, garage door panel,
- door in a version without a threshold (self-closing threshold),
- opened from the inside and outside,
- welded hinges with up / down adjustment,
- single-point locks,
- gaskets made of two-component synthetic rubber EPDM, which guarantees resistance to ageing during many years of operation and very good thermal insulation,
- the possibility of using anti-panic fittings,
- powder coated profiles,
- the system allows the use of glass sets with a thickness of 5 to 26 mm,
- galvanized steel profiles,
- frame and sash made of the highest quality single-chamber steel sections,
- without a thermal break, with a wall thickness of 1.5 mm,
- high aesthetics of workmanship - welded structure, welded joints are ground and polished,
- cost-effective system,
- possibility of making large-size structures,
- system with an elegant finish - flush sash with frame,
- for use in both traditional and modern construction.

PRESTO

PRESTO XS

DOOR SYSTEM



24

glazing with packages
up to (mm)

50

construction
depth (mm)



slender, narrow profiles



single and double doors



industrial look

Presto XS is a single-chamber, narrow-profile steel system without a thermal break for use in internal structures with a depth of 50 mm. The system includes complete solutions in the field of fittings and accessories and can be used for the production of doors, partitions and display cabinets.

- construction depth 50 mm,
- system without a thermal break,
- glazing with packages up to 24 mm,
- internal installation system,
- profile connections are welded and ground, which makes the connections invisible,
- welded hinges with up / down adjustment,
- profiles flush both inside and outside,
- filling with glass or panel,
- visible width of sections from 23 mm (fixed windows),
- min. visible width for the cross-section (frame + sash): 45 mm,
- opened from the inside and outside,
- very narrow profiles,
- powder coated profiles,
- for use in both traditional and modern construction.



NORM SLIDE

INTERIOR SLIDING DOOR SYSTEM



1-2

number of sashes

120

maximum
sash weight [kg]

40

construction
depth [mm]



wall or ceiling mounted



for interior installation



modern design

Powder-coated steel profiles, paired with anodised masking panels, combine durability and modern aesthetics. A comprehensive range of accessories ensures comfortable use of the door.

- system without thermal break,
- wall or ceiling mounted,
- wall masking with plugs,
- anodised or powder-coated masking panels in the same colour as the door,
- single or double sash,
- soft closing thanks to a fully concealed Slide-Stop system (for doors weighing up to 80 kg),
- easy door height adjustment.



NORM SLIDE

NORM PIVOT

DOOR SYSTEM



2

glazing gaskets

1

chambers

50

construction depth
[mm]



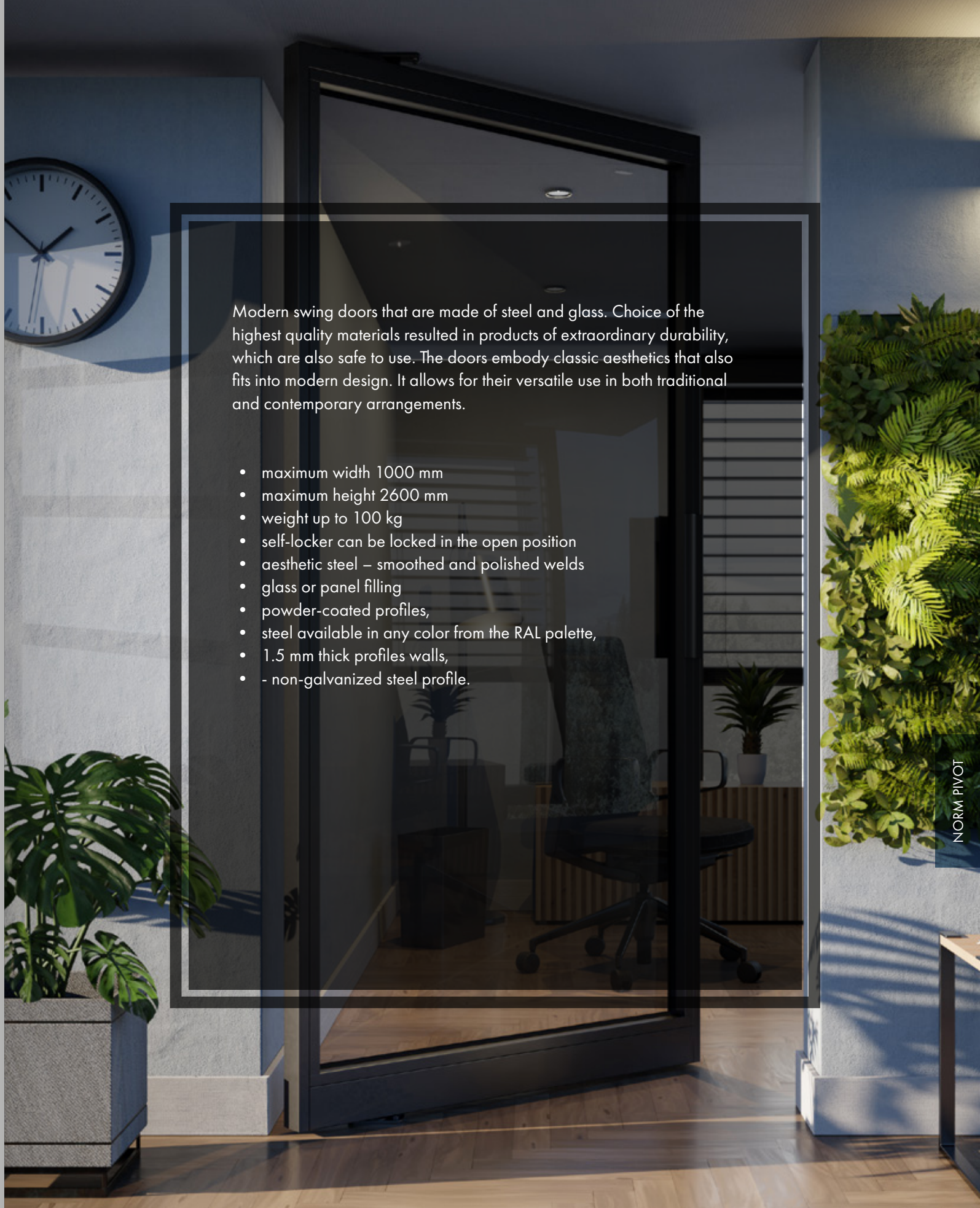
double-swing action



interior doors



industrial design



Modern swing doors that are made of steel and glass. Choice of the highest quality materials resulted in products of extraordinary durability, which are also safe to use. The doors embody classic aesthetics that also fits into modern design. It allows for their versatile use in both traditional and contemporary arrangements.

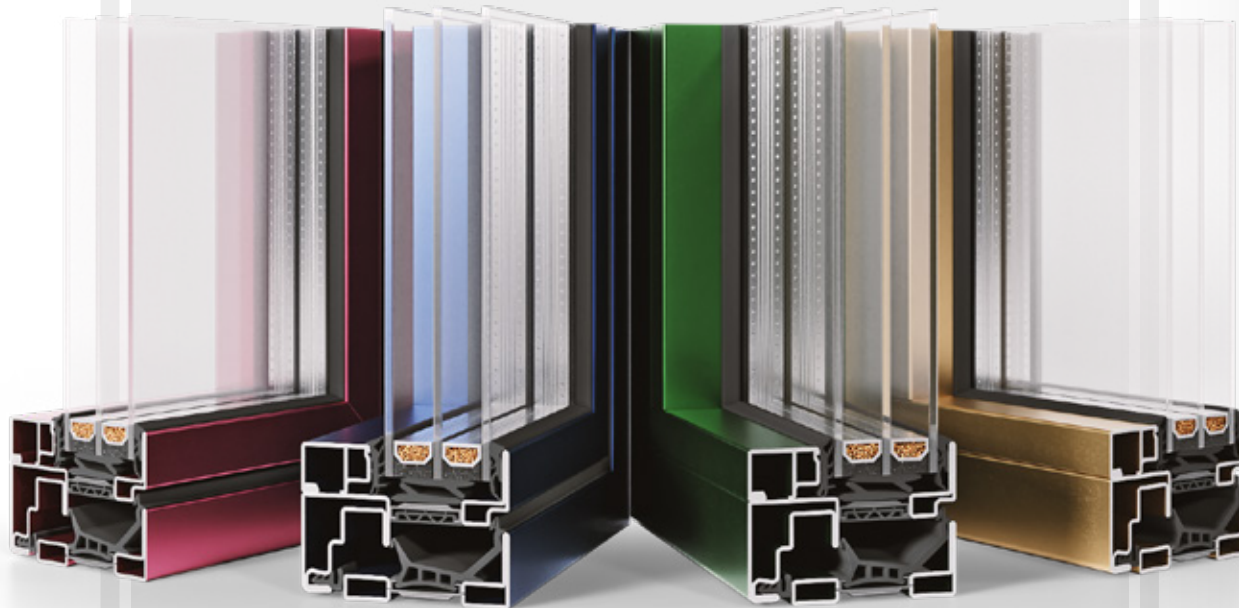
- maximum width 1000 mm
- maximum height 2600 mm
- weight up to 100 kg
- self-locker can be locked in the open position
- aesthetic steel – smoothed and polished welds
- glass or panel filling
- powder-coated profiles,
- steel available in any color from the RAL palette,
- 1.5 mm thick profiles walls,
- - non-galvanized steel profile.



COLOUR

Windows are more and more often a decorative element, both for the entire building and the interior. All elements of the steel joinery are powder coated. Steel profiles create unlimited possibilities. In order to obtain the desired colour effect, the windows can be varnished according to the colours from the RAL palette. (semi-gloss, structure).

It is not possible to paint the inside and outside in different colours.





AluLine

ALULINE DOOR PANELS

The AluLine collection offers almost unlimited possibilities. It is not only modern design, a wide range of accessories and a wealth of colours, but also extraordinary resistance to weather conditions. The outer layer of the panel is made of aluminium sheet. The interior is filled with XPS extruded polystyrene, which gives the panels high thermal insulation parameters. According to the needs, we offer panels with a thickness of 24, 36 mm.

The panels from the AluLine collection are available in several dozen designs. We also offer the possibility of making the door according to your own design, suggesting the best design solutions. The door panels can be finished in any way. Their surface can be decorated with stainless steel applications or take on a spatial, grooved structure. We also offer decorations that are flush with the panel surface. Such a wide selection makes our doors perfectly fit into both innovative projects and buildings with a classic appearance.

AluLine 01



AluLine 03



AluLine 05



AluLine 09



AluLine 11



AluLine 15



AluLine 17



AluLine 19



AluLine 32



AluLine 36



AluLine 48



AluLine 49



AluLine 62



AluLine 83



AluLine 85



AluLine 88



The presented panel patterns are examples. The entire range of AluLine panel patterns is available to choose from.



GARAGE DOOR PANEL

Company Eko-Okna S.A. deals not only with the production of windows, but also external and internal steel doors. Steel doors are a combination of modernity, reliability and elegance. High insulation parameters will not let cold winter air in.

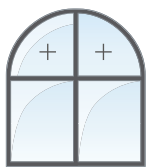
In combination with a sectional door, they create a harmonious set with the entire house design. Additionally, double-sash doors with this filling can be used as a garage door. Such a set of steel products will enjoy elegance and durability for many years.



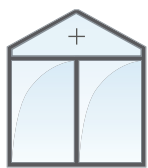


MODEL WINDOWS AND DOORS

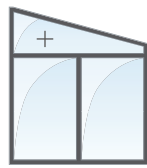
Windows and doors made of steel profiles have a unique appearance and can be installed in both industrial and utility facilities. We can bend profiles in all systems: Unico, Presto and Presto XS. In this way, we obtain various shapes, e.g. arches, trapezoids, triangles and circles. This freedom of execution means that these products are often selected for the implementation of unusual construction ideas, providing an incomparable number of possible solutions. Model windows do not open, but they add a unique character to any interior.



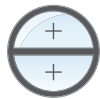
bow



trapeze



triangle



circle

(+) fix window - fixed not opening





ACCESSORIES

GLASS

The selection of a glazing package is often limited to the selection of the number of panes, which makes them more or less energy-efficient. However, our offer is much wider. We offer energy-saving, sound-absorbing, safe, anti-burglary and anti-sun glass panes. Additionally, we have a wide range of ornamental glass in dozens of designs to choose from.

The inter-pane space of the formed glazing units is usually filled with 90% argon. We also offer krypton-filled glass, thanks to which it is possible to obtain a heat transfer coefficient of up to 0.3 W / m²K.

The possibility of combining different types of glass and a smaller or larger number of panes allows for obtaining the appropriate parameters for each type of windows and doors from our offer.

We present a summary of the basic types of insulating glass with a description of their functions:



1-chamber glazing packages

Single-chamber double glazing composed of two glass panes. It is a standard for basic window and door systems.



Double-chamber glazing

Double-chamber double glazing, increasing thermal comfort in the room. Separation of the inter-pane space with an additional glass pane significantly reduces heat transfer.



Sound-absorbing

Insulating glass units with a special acoustic foil provide an increased level of soundproofing.



Secure

Laminated and/or toughened panes increase safety. Their puncture or shatter resistance is tailored to the customer's requirements.



Solar control

Glass allowing the reduction of the flow of light and solar energy into the room. They are offered with selective, absorbent or reflective glass.

DECORATIVE GLASS

Insulated glass with decorative glass is an excellent choice for windows, doors and partition walls. Decorative glass will work in homes, offices, shops, hotels and restaurants.

Depending on the selected pattern, they can not only increase privacy, but also brighten the interior, thanks to which it will be optically larger, which is another advantage.

In addition to standard glass with a matte coating, we also offer ornamental glass with the following patterns:



Allddeutsch* white



Chinchila* white



Crepi white



Delta white mat



Delta* white



Flutes white mat



Cathedral white



Master-Ligne



Master-Carre



Kura* white



Niagara white



Niagara white mat



Silvii* white



Master-Point



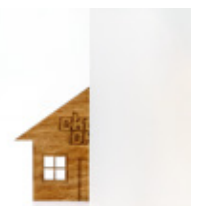
Monumental M



Waterdrop



Partially sandblasted



Stadip 33.1 PVB Mat

* also in brown



MUNTINS

Aluminium muntins give the windows an elegant and unique character, and in some cases are an indispensable decorative element referring to the old architectural style.

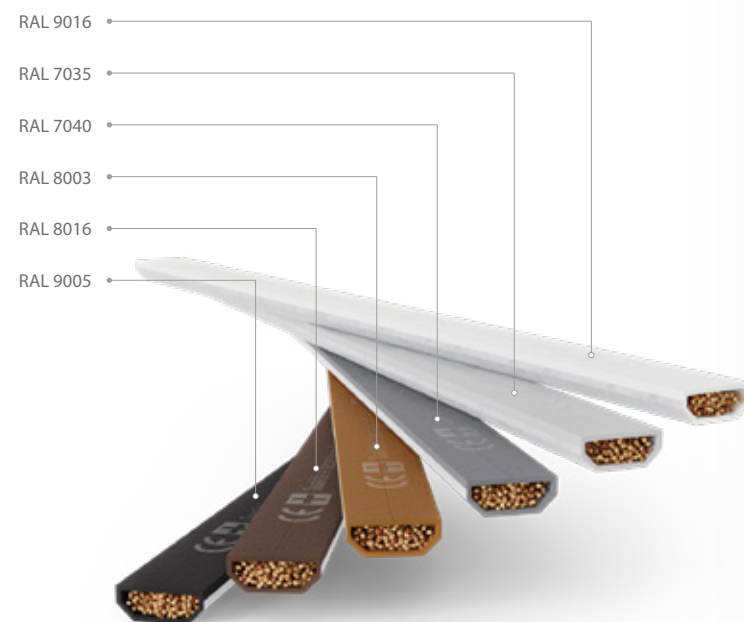
Our offer includes both glazing muntins, glued on the glass, and Viennese muntins (the so-called duplex). Each offered type is available in several widths and many colours.

SWISSPACER ULTIMATE SPACER FRAMES

In addition to the standard frame made of aluminium, we also offer one of the best warm spacers available in the world.

With the Swisspacer Ultimate spacer, the Ψ factor is only $0.03 \text{ W} / \text{m}^2\text{K}$. The lower value of this coefficient not only reduces the possibility of water vapour condensation on the edges of the glass, but also allows for a significant reduction of the thermal transmittance coefficient for the entire window.

The frames are available in several colours from the RAL palette.



DOOR HINGES

Efficient with up / down adjustment.



ADDITIONAL ACCESSORIES

- connectors,
- extensions.

- anti-drill handle,
- anti-panic fittings,
- C type insert,
- diverse selection of espagnolettes,
- viewfinder,
- a cat flap,
- a letter slot.



DIFFUSERS

Diffusers not only ensure constant access of fresh air to the interior, but also allow the removal of moisture from the room. It is a convenient way to ventilate rooms without the need to open windows, which is especially important in winter.

We offer diffusers with various methods of controlling the air supply - hygroscopic, pressure and manual.

Each diffuser from our offer has the appropriate certificates confirming their proper operation in various conditions.

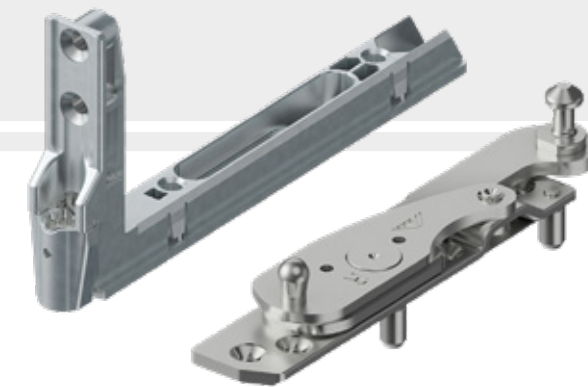


FITTINGS

The windows are equipped with multi-point hardware (turn, turn-tilt, tilt, turn + turn, turn-tilt + turn), which are located around the perimeter of the sash, when closed, they press the sash evenly against the frame, which ensures tightness of the window.

As standard, we use hidden fittings in the windows that guarantee comfort and safety of use, as well as modern design thanks to hidden hinges.

The doors have a varied selection of espagnolettes, anti-panic fittings, door closers, a wide selection of handles and handrails and many other additional accessories.



WINDOW HANDLES

SECOUSTIC NEW YORK
HANDLES with or without a key



LUXEMBOURG HANDLES
with or without a key



TOULON HANDLES



TBT HANDLES



HANDLES

HANDLE **M1**



HANDLE **M2**



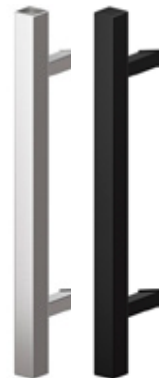
HANDLE **M6**



HANDLE **P45**



HANDLE **Q45**



HANDLE **P10**



HANDLES AND HANDRAILS

The offer is appreciated due to the variety of designs, colours, functionality of the handles and their anti-burglary properties.

In addition to standard window handles, we also offer handles with a button or key blocking the possibility of opening the window. We also offer a wide selection of shapes and colours, so you can easily match them to the appearance of the selected joinery. We also offer handles with an anti-drill lock and meeting the burglary resistance requirements in the RC1-RC6 class.

The door handles offer includes both handles with a standard plate and a separate plate (handle-cylinder). We offer elegant and modern door handrails for external doors. They can have different shapes and lengths. Our offer also includes solutions such as a handle-pull, which limit access to the building from the outside.

DOOR HANDLES

FKS ALUMINIUM HANDLES



DG59 HANDLES



BASIS HANDLES



INOX HANDLES



HANDLES **SHORT ESCUTCHEON***



* only available on Presto XS systems



eko 4u



Create and manage an online offer of steel windows and doors today!

Thanks to the free eko4u application, you can manage orders and the company at any time. It is an online tool that connects the sales, transport, service and vindication departments.



eko4u.com



window 4u

Attract local customers looking for steel windows and doors!

window4u is an application designed exclusively for distributors of door and window joinery, and its main purpose is to support the development of online sales. steel windows, doors or sliding systems - that is just a part of the offer that can be featured in window4u.



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1/2023



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