

PRODUCT CATALOGUE

MIROX

WINDOWS & DOORS FACTORY

WINDOWS | DOORS
ACCESSORIES



www.miroxfonster.se

www.miroxwindows.com

3rd EDITION

HISTORY



Tradition

connected with modernity together with reliability and competence are key attributes of MIROX window & doors factory.

FOUNDED IN 1988

MIROX was one of the pioneer factories producing PVC & aluminium windows and doors in CEE in the early 90s.



THE QUALITY OF OUR PRODUCTS AND QUALIFICATIONS OF OUR STAFF ARE CONFIRMED BY NUMEROUS CERTIFICATES AND ACCREDITATIONS.





Modern facility

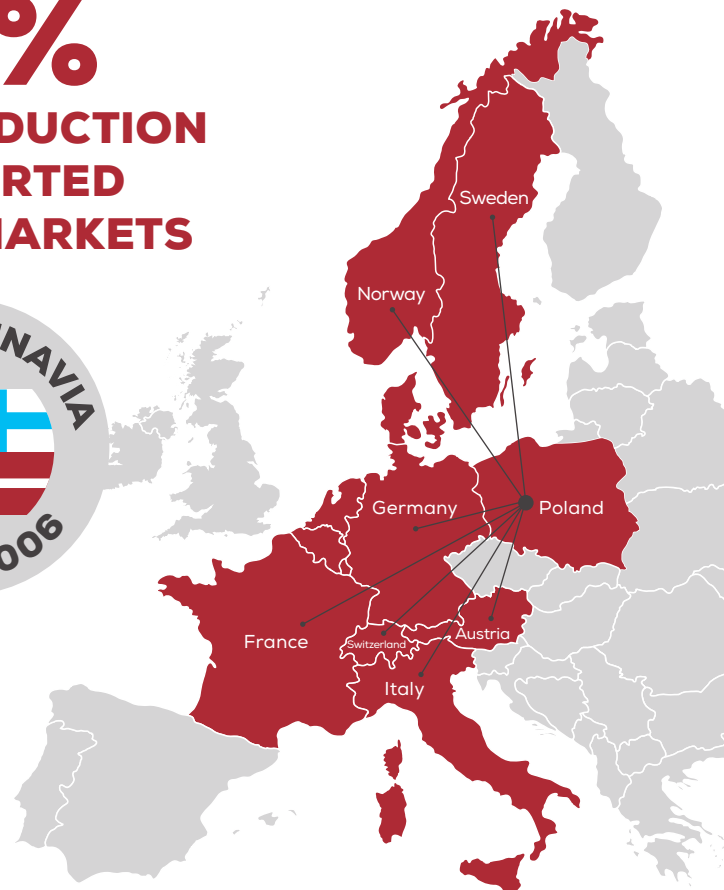
In 2017 we opened a new 3000 sqm production facility. Three new production lines increased our capacity by 50%. Our modern and efficient equipment allows us to offer our clients a shorter delivery time while maintaining the highest quality.



DISTRIBUTION

MIROX windows and doors are sold throughout the whole European Union. Our key partners are located in France, Germany, Italy and Benelux as well as Scandinavia. Through our distributors, MIROX windows and doors are also available in Africa and Australia.

60%
OF PRODUCTION
IS EXPORTED
TO EU MARKETS



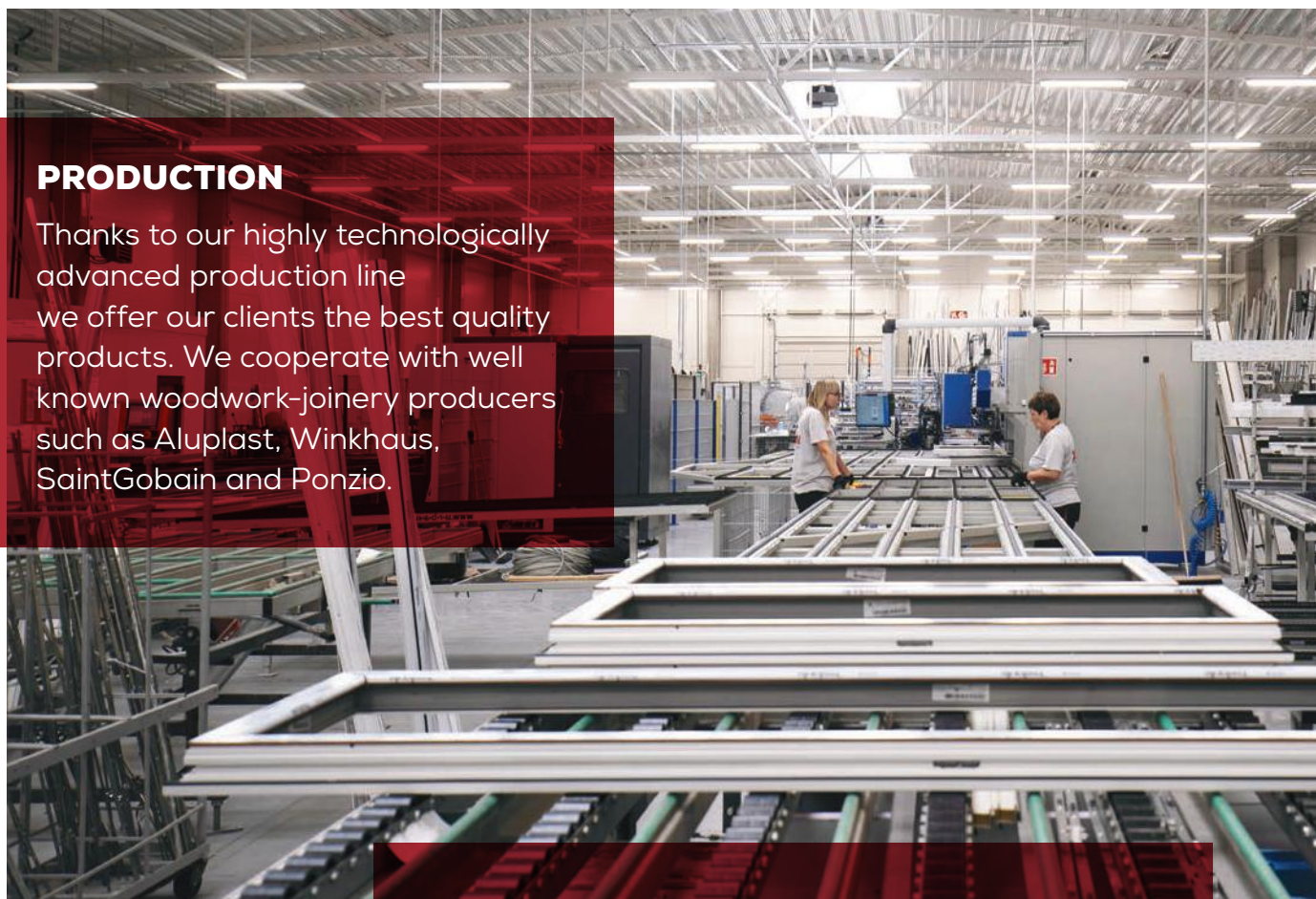
CUSTOMER SERVICE

The service department in our company is focused on business clients. We supply our European partners with services in six languages. Every year we visit our partners abroad in order to present our newest assortment. We invite our clients also to visit our new production facility in Poznań.



PRODUCTION

Thanks to our highly technologically advanced production line we offer our clients the best quality products. We cooperate with well known woodwork-joinery producers such as Aluplast, Winkhaus, SaintGobain and Ponzio.



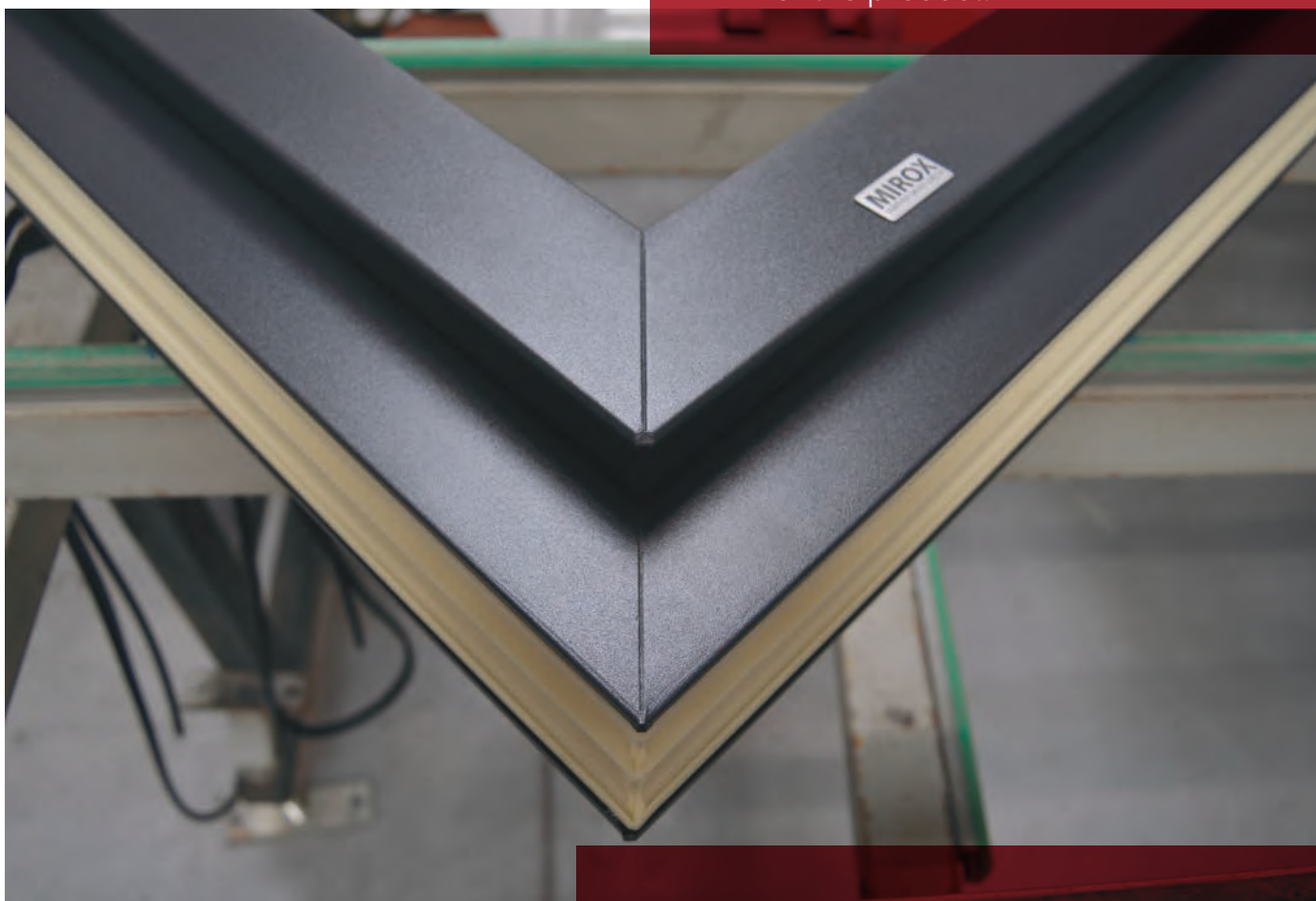
MADE IN





TECHNOLOGY

We use a technically advanced welding process which results in a very narrow weld seam. As a result, the aesthetic value of the windows increases while maintaining the high quality of the product.

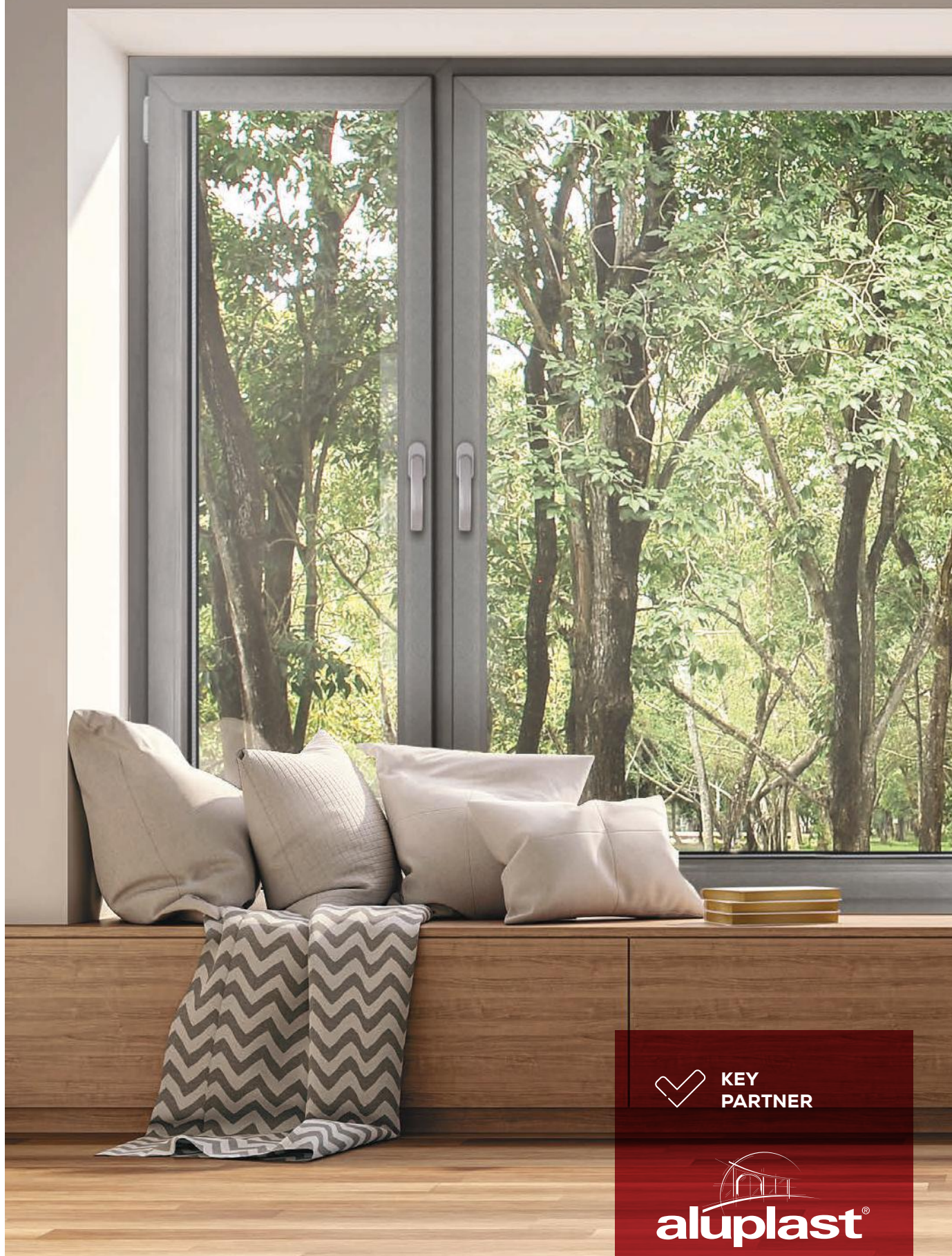


LOGISTICS

Transport of our products is realized by a forwarding company specialized in the logistics of windows and doors. The door-to-door shuttle supply system without intermodal stops allows to maintain a direct control over the completeness of shipment. A dedicated car park includes eight bays equipped with elevators for unloading on ramps or landing yards.



LUXURY WINDOWS



KEY
PARTNER


aluplast®

IDEAL 8000 PROFILE

THE IDEAL 8000 WINDOW IS A NEW GENERATION PRODUCT. THIS WINDOW MEETS THE EXPECTATIONS OF MODERN ARCHITECTS AND IS ESPECIALLY RECOMMENDED FOR ENERGY-SAVING BUILDING.

CERTIFICATE



U_w

0,76*
W/m² K

VENEERS

38
COLOURS

MADE IN



* Thermal isolation factor of referential window size 1230 x 1480 mm, using „warm frame“ glass system $U_g=0,5$ W/m²K

- window made of 6-chamber profiles for 85 mm depth incorporation
- equipped with triple-gasket setting
- possibility of using triple-glass system of 51 mm width
- well equipped activPilot fitting by Winkhaus

IDEAL 8000 CLASSIC LINE



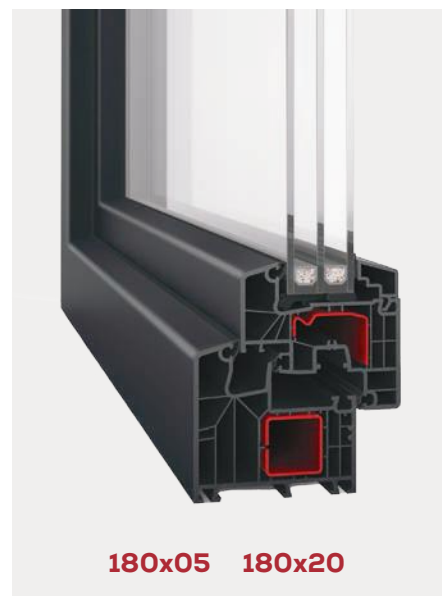
180x05 180x20

IDEAL 8000 WITH WOOD EFFECT



180x05 180x20

IDEAL 8000 ANTHRACITE



180x05 180x20

PREMIUM WINDOWS



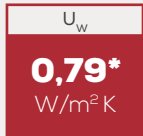
KEY
PARTNER



PRESSGLASS

IDEAL 7000 PROFILE

MIROX PREMIUM CLASS WINDOWS ARE MANUFACTURED USING THE IDEAL 7000 PROFILE AND ARE AN OPTIMAL COMBINATION OF ENERGY EFFICIENCY AND FUNCTIONALITY. PVC PREMIUM WINDOWS ARE A GREAT CHOICE, ESPECIALLY IN HOUSES AND MODERN APARTMENTS.



* Thermal isolation factor of referential window size 1230 x 1480 mm, using „warm frame“ glass system $U_g=1,1 \text{ W/m}^2\text{K}$

IDEAL 7000



170x02 170x20

IDEAL 7000 – ANTHRACITE CORE



170x02 170x20

- window made of 6-chamber profiles for 85 mm depth incorporation
- equipped with double-gasket setting
- possibility to the triple-glass system
- well equipped activPilot fitting made by Winkhaus

PLUS WINDOWS PVC



KEY
PARTNER


aluplast®

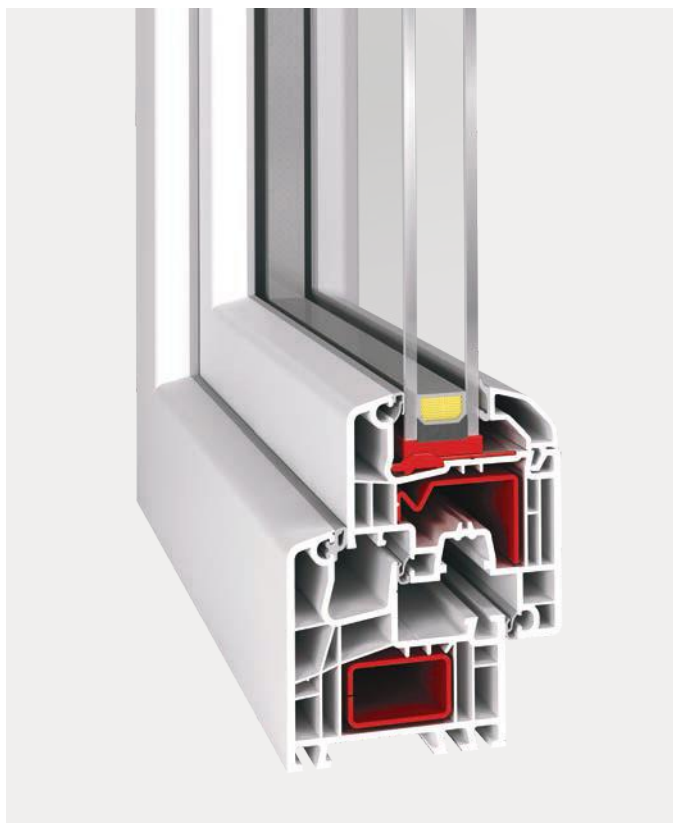
PROFIL **IDEAL 5000**

WINDOWS BASED ON THE IDEAL 5000 PROFILE ARE ONE OF THE FEW WINDOWS ON THE MARKET WITH THE SO-CALLED „CLASSIC CENTRAL SEAL“. THE THREE-SEALING SYSTEM IS NOT ONLY A GREATER TENSION OF THE ENTIRE STRUCTURE, BUT ALSO A FINAL SERVICE LIFE FOR ADAPTING MECHANISMS, THAT ARE ISOLATED FROM THE EXTERNAL CONDITIONS IN THE SO-CALLED DRYING CHAMBER.



* Thermal insulation coefficient of a reference window of dimensions 1230 x 1480 mm, using a set of glass with hot frame of coefficient $U_g=1.1 \text{ W/m}^2\text{K}$ 4/12/4/12/4

IDEAL 5000



BENEFITS:

- 5 chamber system
- depth of 70 mm
- three seal system
- glazing options up to 41 mm wide

DEDICATED TO:

- noisy environment
- increase safety

COLOURS



White



AP23 Golden oak



AP60 Anthracite gray - sand



AP65 Quartz gray - sand



AP71 Elegant black

STANDARD WINDOWS



KEY
PARTNER


aluplast®

IDEAL 4000 PROFILE

MIROX STANDARD CLASS WINDOWS USE THE IDEAL 4000 PROFILE AND PROVIDE AN ECONOMICAL COMBINATION OF CLASSIC APPEARANCE AND FUNCTIONAL CONSTRUCTION TECHNOLOGY.

CERTIFICATE

CE

U_w

1,28*
W/m²K

VENEERS

38
COLOURS

MADE IN

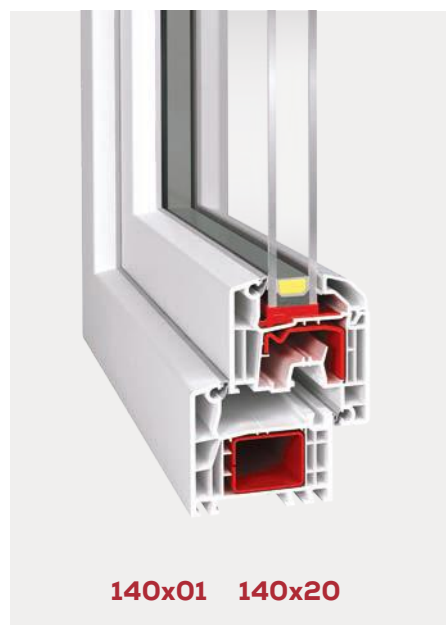
EU



* Thermal isolation factor of referential window size 1230 x 1480 mm, using „warm frame“ glass system $U_g=1,1$ W/m²K

- window made of 5-chamber profiles for 70 mm depth incorporation
- equipped with double-gasket setting
- possibility of using triple-glass system of 41 mm width
- well equipped activPilot fitting by Winkhaus

IDEAL 4000 SOFT-LINE



IDEAL 4000 ROUND-LINE



IDEAL 4000 ROUND-LINE II



MONOBLOCK WINDOWS



MONOBLOCK FRAME

CERTIFICATE



U_w

1,28*
W/m² K

VENEERS

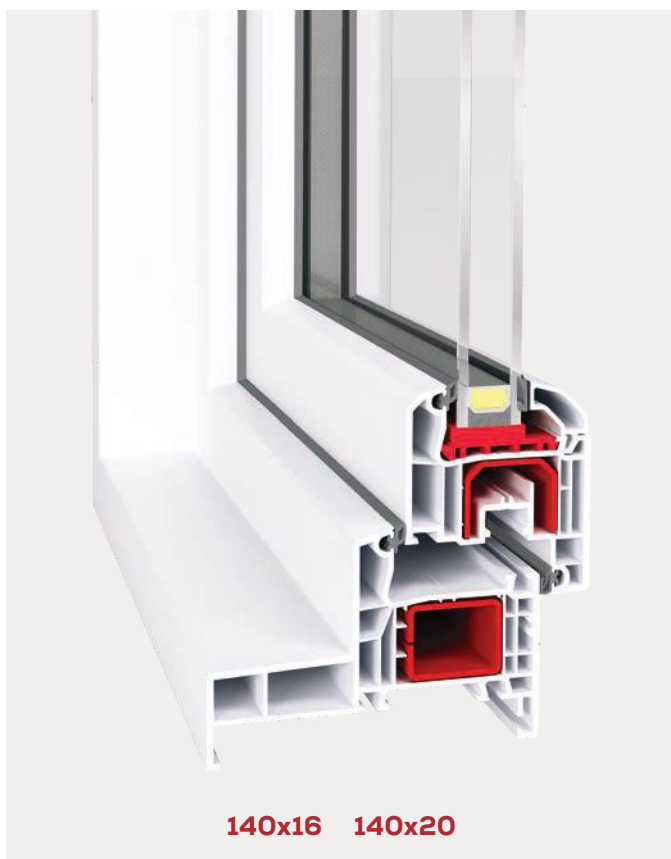
38
COLOURS

MADE IN



* Thermal isolation factor of referential window size 1230 x 1480 mm, using „warm frame“ glass system $U_g=1,1$ W/m²K

IDEAL 4000 MONOBLOCK



140x16 140x20

Wide range of Monoblock frame widths allows for the best choice considering the insulation depth. Special shelf (window sill) on the outside of the frame masks insulation all around the window and avoids heat leaks.

Internal rebate of Monoblock frame ensures clean mounting from the inside of the building without having to plaster.



TRADITIONAL WINDOWS



RENOVATION FRAME

THE RENOVATION FRAME SYSTEM IS USED FOR WINDOW INSTALLATION WITHOUT THE NEED TO DISMANTLE OLD FRAMES. THE SPECIFICITY OF THIS TYPE OF WINDOWS IS BASED ON THE USE OF SPECIAL RENOVATION FRAMES WITH A SO-CALLED MASKING PROFILE.



Masking profile encompasses the wooden frame, creating a characteristic band from the inside, and on the outside we can use special housing profiles. The masking profiles in the framework have different widths, but it is also possible to cut them for specific needs.

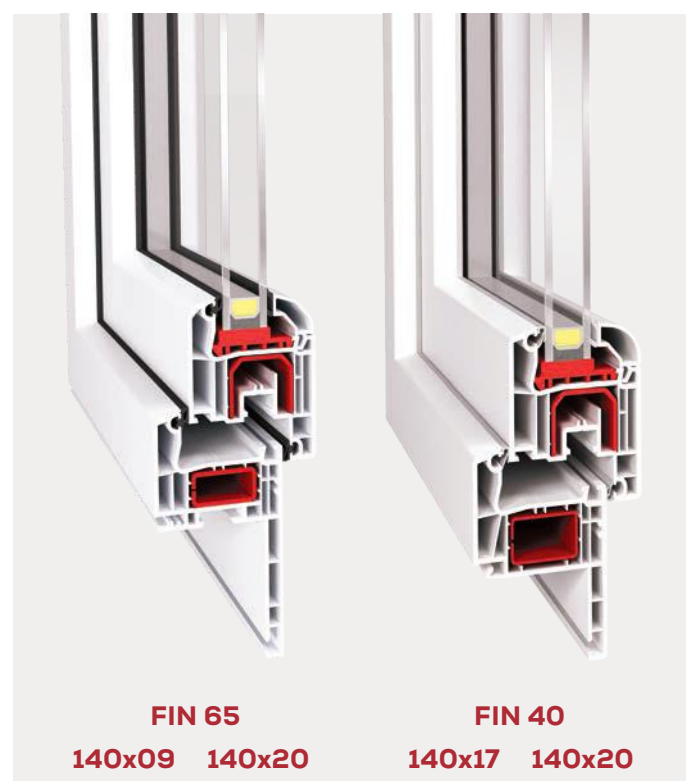
There is then no need to dismantle the old wooden frames (or alternatively from other materials). Renovation frames have an additional lowered height, so that due to the assembly on the old frame, they do not significantly limit the glazing area.

With such an assembly, the danger of damaging the facade of the building is avoided, it speeds up the window replacement time and some finishing works (repair and painting) are avoided.

IDEAL 4000 RENOVATION ROUND-LINE



IDEAL 4000 RENOVATION SOFT-LINE



SCANDINAVIAN WINDOWS



NORD LINE PROFILE

NORD LINE SYSTEM IS DESIGNED FOR MANUFACTURING OF THE SO CALLED „SCANDINAVIAN WINDOWS” WITH THEIR UNIQUE FEATURES OF NARROW FRONT PROFILE LINE AND OUTWARD OPENING. THOSE KIND OF WINDOWS ARE TYPICAL FOR SCANDINAVIAN MARKET.



CERTIFICATE



U_w

1,0*
W/m² K

VENEERS

38
COLOURS

MADE IN



* Thermal isolation factor of referential window size 1230 x 1480 mm, using „warm frame” glass system $U_g=0,7$ W/m²K



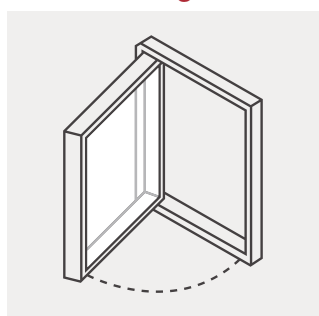
- backstop gasket system with two sealing levels
- glazing thickness up to 41 mm
- concealed drainage is possible
- 5-chamber system as a standard combination

OPENING SYSTEMS:

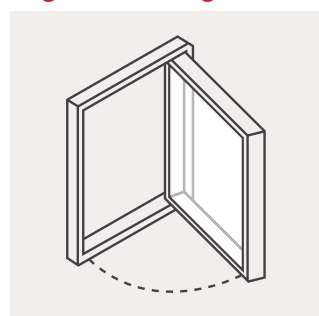
BLOCKPROFIL NL 1



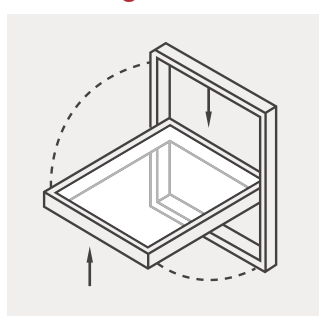
Left side hung



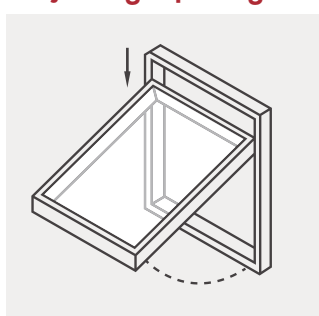
Right side hung



Top swing reversible



Projecting top hung



SLIDING DOORS



KEY
PARTNER


SAINT-GOBAIN

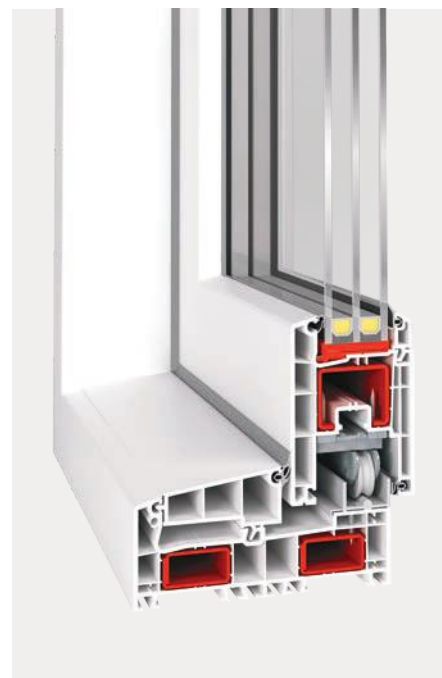
PSK SLIDING DOORS SYSTEM

THE SYSTEM ALLOWS CREATION LARGE ELEMENTS AND MAINTAINING THE THERMAL INSULATION. THE DOORS ARE EQUIPPED WITH STANDARD BALCONY-DOORSTEP. WE ALSO PROVIDE THE OPTION TO INSTALL A FITTING, WHICH ENABLES AIR CIRCULATION EVEN WHEN THE WINDOW IS CLOSED.

SMART SLIDE



These sliding doors are space economical and allow a wide entry. When the door is closed, the sliding and fixed casements form one aesthetic line.



The doors have a wide threshold suitable both for new homes and renovations projects.

PATIO



A rail is fixed to the frame, with the trolleys hidden under the grills and mounted on the inner frame of the movable casement.



The doors are equipped with a traditional threshold; typical for classic balcony doors.

SLIDING DOORS



KEY
PARTNER

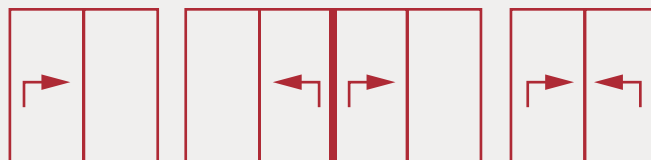


PRESSGLASS

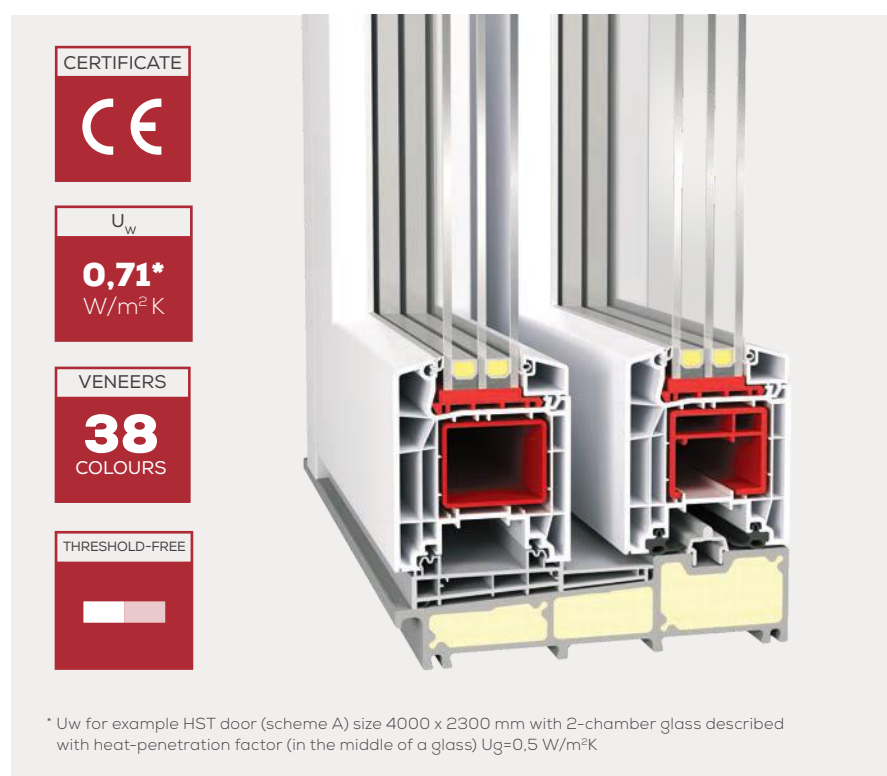
HST SLIDING DOORS SYSTEM

THIS SYSTEM ALLOWS THE CUSTOMER TO CREATE LARGE PVC GLAZING WHERE SEPARATE WINGS MOVE IN LINE WITH EACH OTHER. THANKS TO THIS SOLUTION THE DOORS ARE SPACE EFFICIENT.

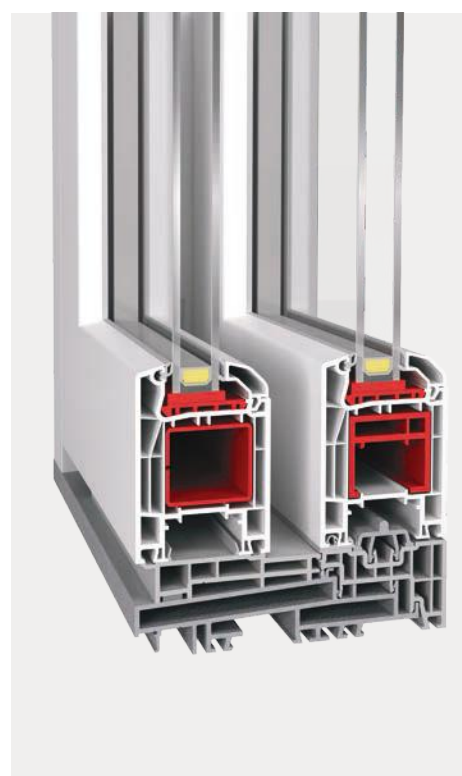
The system allows creation of large elements while maintaining thermal insulation at the same time. The doors are equipped with a standard balcony-doorstep. We also provide the option to install a fitting, which enables air circulation even when the window is closed.



HST PREMIUM



HST BASIC



ENTRANCE DOORS



PVC ENTRANCE DOORS PROFILES

THE ENTRANCE DOORS ARE ONE OF THE SIGNATURE FEATURES OF A HOUSE. OUR PVC DOORS ENSURE SAFETY, DURABILITY AND ELEGANCE. STRONG AND DURABLE PVC PROFILES ARE THE BASE FOR A WIDE RANGE OF PANELS - BOTH MODERN AND TRADITIONAL. REINFORCED FITTINGS ENABLE COMFORTABLE LONG TERM USE.

IDEAL 4000 70 mm



IDEAL 7000 85 mm



STANDARD PANEL



ONE-SIDED OVERLAY PANEL



DOUBLE-SIDED OVERLAY PANEL



- thanks to 85 mm depth multi-chamber development and heat isolating doorstep our doors provide good heat insulation
- large capacity enhanced chambers enable reinforcement, which provides good static and endurance parameters
- low doorsteps make using our doors even easier and more comfortable

DOOR HANDLES

THE DEVELOPMENT OF TECHNIQUES ALLOWS TO LEAVE STANDARD HANDLES BEHIND AND USE NOVEL SOLUTION FOR DOORS. THEIR DIVERSE SIZE AND SHAPE ALLOWS FOR COMFORTABLE USE EVEN IN CASE OF CAREE AND HEAVY DOORS. THE HANDRAILS ALSO POSSESS AN AESTHETIC. FUNCTION DIMENSIONS ARE LIMITED ONLY BY THE CREATIVITY OF THE CLIENT.

P01



P10



P 27 INOX



P04



TG 12

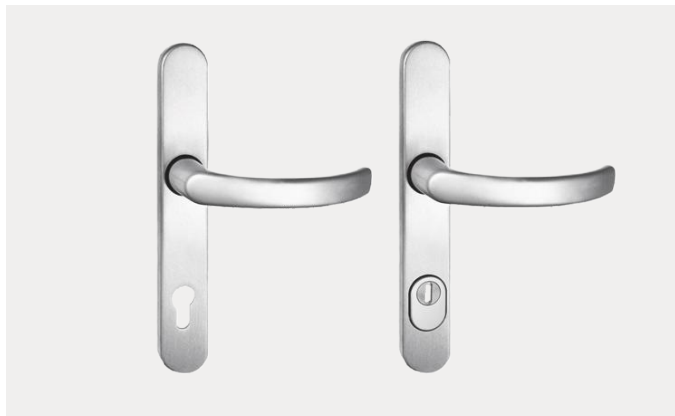


P 27 BLACK



HANDLES-KNOBS AND ACCESSORIES

P01



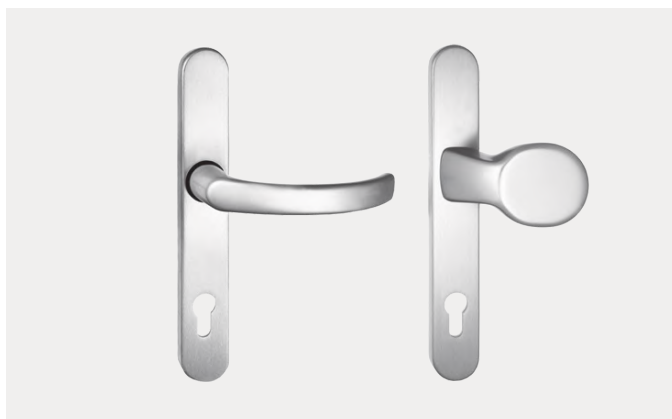
P10



P04



TG 12



FINGERPRINT READER



KEYBOARD WITH CODE AND BLUETOOTH



LOWER ALUMINIUM THRESHOLD

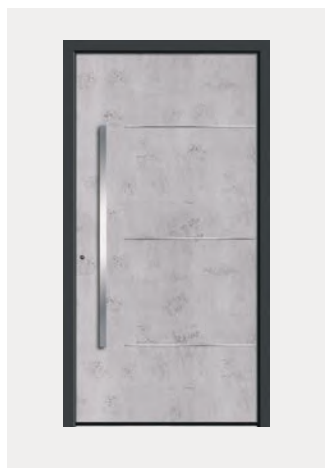


AUTOMATIC THRESHOLD



TRADITIONAL PVC DOORS PANELS

TRADITIONAL



6172-83



6877-53

CLASSIC



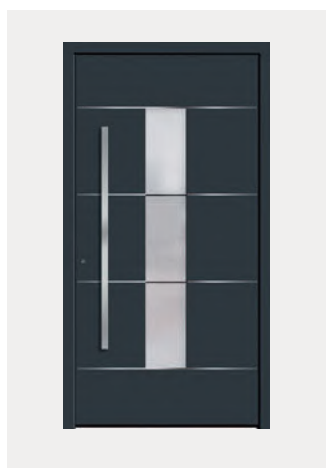
Estragon



Bartonina HB



5869-52



6184-53

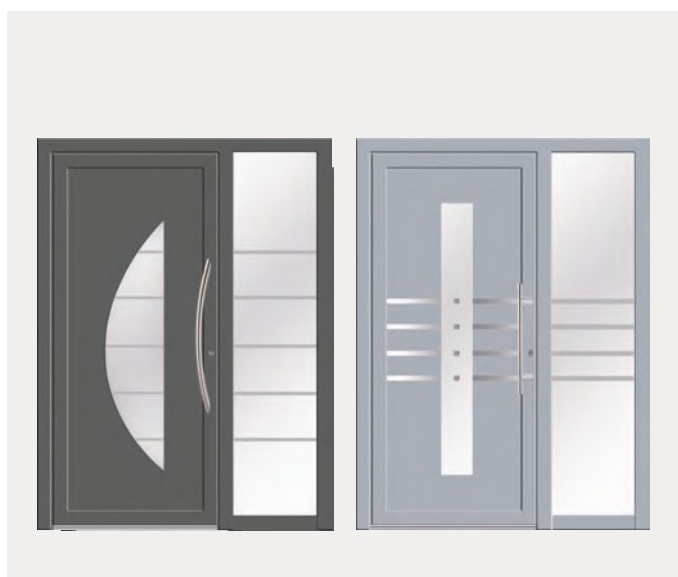


Model



Calendula

TWO SIDES TRADITIONAL DOORS



Alium

Carex

TWO SIDES CLASSIC DOORS



Dahlia

Irga

MODERN PVC DOORS PANELS

MODERN



Abies



Begonia

MODERN PREMIUM



Abronia



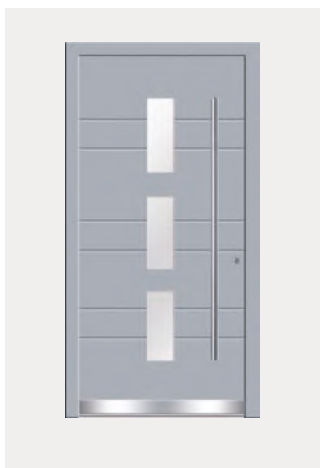
Acorn



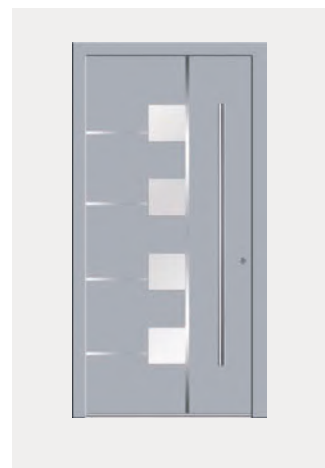
Acorn



Aspen

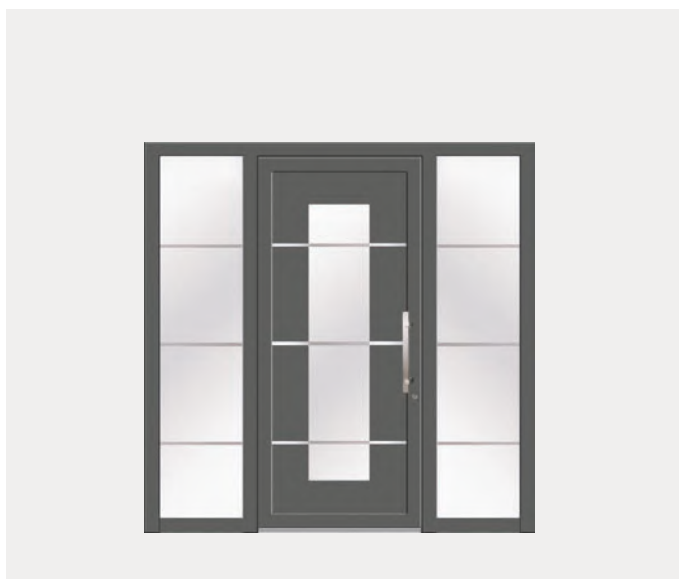


Beberis



Gloriosa

TWO SIDES MODERN DOORS



Dahlia

TWO SIDES MODERN PREMIUM DOORS



Ligustr

ALU PREMIUM WINDOWS



KEY
PARTNER

ALUPROF
ALUMINIUM SYSTEMS

ALUMINUM WINDOWS SYSTEMS

A THREE-CHAMBER SYSTEM FOR THE WINDOWS WITH „EURO“ STANDARD HARDWARE GROOVE AND GROOVE USED IN WINDOWS AND BALCONY DOORS MADE OF PVC OR WOOD PROFILES.

MB 86



MB-86 is the first aluminum window and door system in the world to use airgel – material with excellent thermal insulation. It has three variants, depending on the type on thermal energy saving requirements: ST, SI and AERO.

MB 79



MB-79N is the most modern, economical window system in Aluprof's offer. It was introduced to meet the increased requirements of thermal insulation. It is used to make structures, including fixed, side-hung, tilt, tilt-and-turn and tilt-and-slide windows.

MB 104 PASSIV



MB 104 PASSIV system is designated for elements of external architectural development, e.g. various types of windows, doors, windbreaks, display windows and spatial structures. Apart from excellent thermal insulation, they are also characterized by very good acoustic insulation, water and air tightness and high structural strength.

MB FERROLINE



MB-FERROLINE is the perfect solution suitable for the renovation of historic buildings, while maintaining the appropriate appearance of the windows, which can imitate steel joinery and at the same time ensure very good technical parameters of the structure.

ALU PREMIUM WINDOWS



KEY
PARTNER

Ponzio

ALUMINUM WINDOWS SYSTEMS

MIROX ALUMINUM WINDOWS, BASED ON PONZIO PROFILES ARE DURABLE AND MAY ACHIEVE SIGNIFICANT DIMENSIONS. THEY ARE ABLE TO SAVE ENERGY AND ACHIEVE UNIQUE AESTHETIC EFFECTS - BOTH PAINTED AND ANODIZED.

PE 68



CERTIFICATE



U_w

0,93*
W/m² K

COLOURS

RAL

MADE IN



*The thermal insulation coefficient applies to a reference window with dimensions of 1480 x 2180 mm. In the PE68 + version, using a triple-pane package with an aluminum frame - $U_w=0,5 \text{ W/(m}^2\text{K)}$

A system with a three-chamber profile structure with a fitting groove in the „euro“ standard. The constructional depth of sections for frames is 68 mm, and for sashes 76 mm. An optimized 32 mm thermal break and a central gasket guarantee high thermal parameters.

PE 68HI



CERTIFICATE



U_w

0,84*
W/m² K

COLOURS

RAL


MADE IN



*The thermal insulation coefficient applies to a reference window with dimensions of 1480 x 2180 mm. In the PE68 HI version - with the closure of the glass chamber and an insulating insert in the profile chambers, using a triple-pane package with the so-called „warm frame“ (with the value for the glass $U_g=0,5 \text{ W/(m}^2\text{K)}$).

The variant of the PE68 system with a three-chamber structure of PE68 HI profiles enables the usage of 18-59 mm thick fillings. An additional advantage of the system is the increased thermal insulation obtained through special insulating inserts.

PE 78N



CERTIFICATE




U_w

0,88*
W/m² K

COLOURS

RAL

MADE IN



*The thermal insulation coefficient applies to a reference window with dimensions of 1480 x 2180 mm. In the PE78N+ version, using a single-chamber pane $U=1,0$ with a warm edge - $U_w=0,5 \text{ W/(m}^2\text{K)}$.

The PE78N system is designed for structures with high thermal insulation requirements. The structural depth of sections for frames is 78 mm, and for wings - 86 mm. 42 mm multi-chamber thermal breaks and a two-component central gasket enable high thermal insulation performance.

PE 78NHI



CERTIFICATE



U_w

0,74*
W/m² K

COLOURS

RAL

MADE IN



*The thermal insulation coefficient applies to a reference window with dimensions of 1480 x 2180 mm. In the 78NHI version - using a triple-glazed package with the so-called „warm edge“ (with the value for the glass $U_g=0,5 \text{ W/(m}^2\text{K)}$).

A variant of the PE78N system intended for use in structures with particularly high requirements for thermal insulation. Thanks to the use of special inserts, it is possible to obtain very high thermal insulation.

ALU SLIDING DOORS



KEY
PARTNERS

Ponzio

ALUPROF
ALUMINIUM SYSTEMS

ALUMINUM SLIDING DOORS

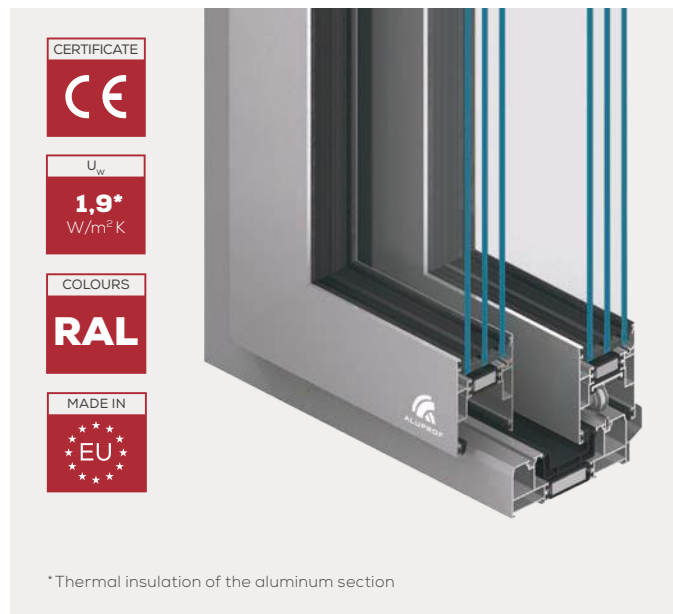
THE ALUMINIUM SLIDING, LIFT-AND-SLIDE DOOR SYSTEMS ARE TECHNOLOGICALLY ADVANCED, WHICH MAKES OUR PRODUCTS EXCEPTIONALLY DURABLE AND ERGONOMIC. AS A BONUS FEATURE THEY PROVIDE GREAT PANORAMIC VIEWS.

PONZIO SL 1600 TT



A thermally insulated lift and slide system for external building elements. Possibility to make large-size structures, even 8-leaf ones.

ALUPROF SLIDE MB 59



The range of available profiles includes two- and three-rail frames. A wide range of glazing allows for the installation of one or two-chamber sets, including acoustic or anti-burglary, they have two construction variants that differ in thermal insulation: ST and HI.

ALUPROF SLIDE MB



Sliding- and folding-door systems allow for aesthetic development, comfortable for users and at the same time giving the possibility of very effective use of the space in the building.

ALUPROF MB 77HS



The structure of the profiles allows for the production of exclusive doors with large dimensions, filled with one or two-chamber glass, and the materials and technical solutions used help to achieve a high degree of thermal and acoustic protection.

ALU FOLDING DOORS

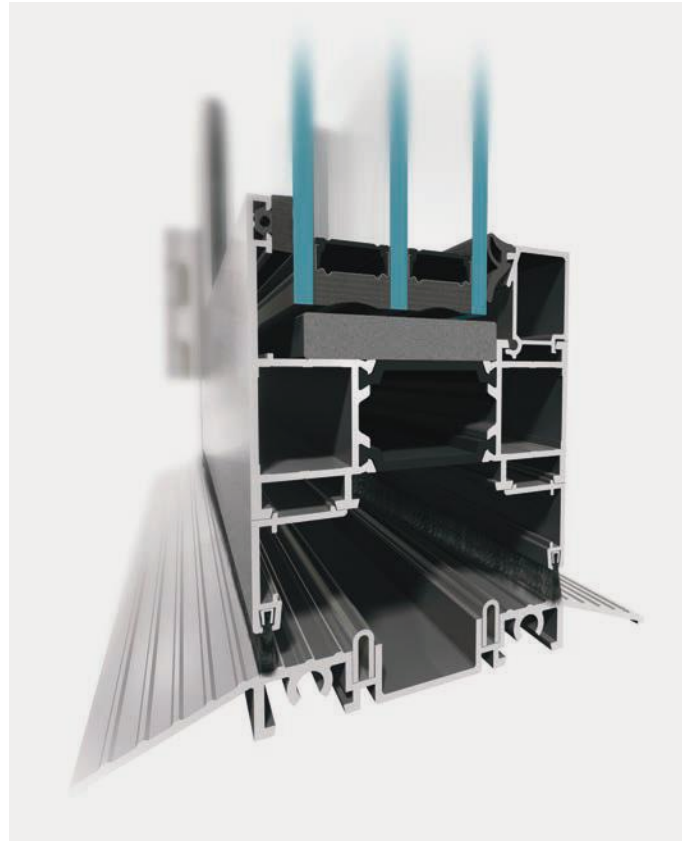


KEY
PARTNER

ALUPROF
ALUMINIUM SYSTEMS

ALUMINIUM FOLDING DOORS

FOLDING ALUMINUM DOORS (OR HARMONICS) ARE USED MAINLY AS AN ENTRANCE TO A TERRACE OR FROM WINTER GARDENS. THIS TECHNICAL SOLUTION GIVES THE POSSIBILITY OF IMPLEMENTING LARGE FORMAT GLAZINGS WITH THE OPTIMIZATION OF THE SPACE TAKEN AFTER OPENING.



PROFILE

THRESHOLD

Solutions perfectly suited as a combination of home space with a terrace or garden. All folding doors are made of thermally insulated profiles. Depending on the requirements, these can be structures that open inwards (based on the MB-59S, MB-60 or MB-70 systems) and open outwards based on the MB-59S Casement system.



ALU ENTRANCE DOORS



KEY
PARTNER

Ponzio

ALUPROF
ALUMINIUM SYSTEMS

ALUMINIUM DOOR PROFILES

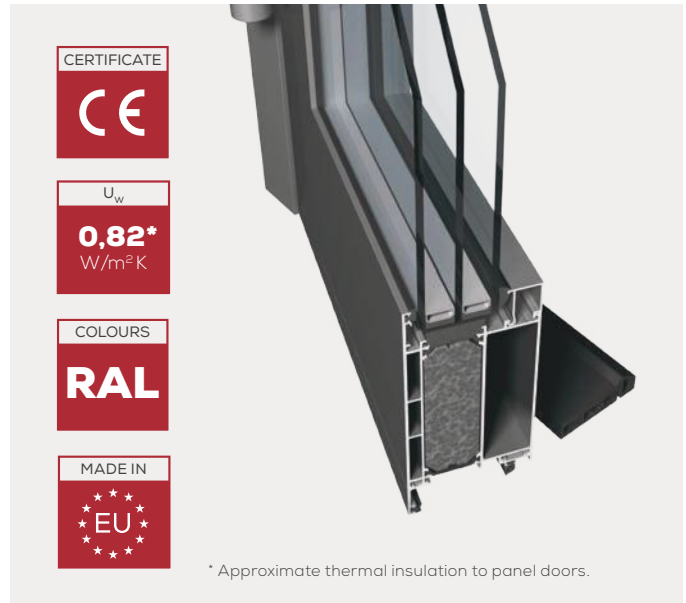
THE MAIN ADVANTAGE OF ALUMINUM DOORS IS THE HIGH DURABILITY AND RESISTANCE COMBINED WITH LOW WEIGHT. THEY ARE NOT DISTORTED BY USE. INVESTORS SELECT THEM BECAUSE THEY ARE DURABLE AND BURGLARY-RESISTANT.

PONZIO PE78N



A three-chamber, thermally insulated system designed for door structures. The system has the structure of coplanar profiles and the possibility of using glazing beads for the groove in the euro standard. Compatible profiles enable easy connection of the door with the site. Various threshold solutions, which are also characterized by good thermal insulation.

PONZIO PE78NHI



Intended for use in structures with particularly high requirements for thermal insulation. Thanks to the use of special inserts, it is possible to obtain very high thermal insulation. Depending on the places where additional filling was used, the system achieves a different value of the heat transfer coefficient.

ALUPROF MB 86



The construction of panel doors is based on a profile dedicated to energy-saving and passive construction. The leaf profile is adapted to be combined with special fillings, flush with the surface of the frame.

ALUPROF MB 104



MB-104 Passive, which in the current ALUPROF offer is the most technologically advanced door system. This system is dedicated to passive and energy-efficient houses.

EXTERNAL SHUTTERS



KEY
PARTNER

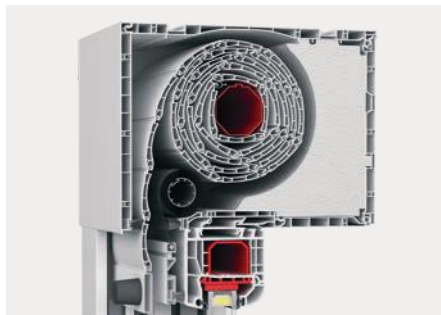
somfy®

EXTERNAL ROLLER SHUTTERS

EXTERNAL ROLLER SHUTTERS ARE AN IMPORTANT ELEMENT OF ANY BUILDING. THEY ARE USED MAINLY TO PROTECT THE INTERIOR FROM VANDALISM. A CAREFUL CHOICE GUARANTEES THERMAL COMFORT AND SAFETY FOR YEARS.

TOP MOUNTED ROLLER SHUTTER

RNK/XT



- Universal roller shutter for integration with window with option for service cover on the inside or -bottom side of the box
- uPVC box and the guide rails
- Insect screen installation possible
- Extraordinarily easy installation and stable construction
- Compatible with shutter slats type MINI
- Insulated box side covers

RNK/E



- The latest solution of the roller shutter
- uPVC box and the guide rails
- Service cover alternatively opened from the inside, bottom or from the outside
- Insect screen installation possible, also after installation of the roller shutter and finishing works
- Compatible with shutter slats type MINI or MAXI
- Insulated box side covers

ADAPTATION ROLLER SHUTTER

RAK/E



- Adaptation roller shutter intended for plastering
- Construction fully made of aluminium (box, covers, guide rails)
- Flat service cover from the bottom of the box
- Wide range RAL colour palette in the visible box elements
- Available box sizes: 137, 165, 180, 205 mm
- Insect screen integration possible

RNK/B



- three box sizes (heights) available: 165 mm, 205 mm and 245 mm featuring 255 mm depth
- roller shutter system available both with or without rollup insect screen
- rollup insect screen located between the window and the shutter, additionally protecting the screen from damage
- possibility to control the roller shutter using manual or electric drives

RNK/F



- Can be plastered both from the side of interior and from the outside
- Shutter box and guide rails made u-PVC
- Easy disassembly of the shutter curtain
- Extraordinarily easy installation and stable construction thanks to installation fittings, holding up the shutter
- Compatible with all aluplast profiles and profiles of other window profiles manufacturers made of PVC, aluminum and wood
- Insulated box side covers

RAR/R



- System made of roll-formed tin with rounded service cover
- Construction fully made of aluminium (box, covers, guide rails)
- Suitable for installation in buildings with already installed windows
- Wide range of RAL colours available for box parts
- Available box sizes: 137, 165, 180, 205 mm
- Insect screen integration possible

GARAGE DOORS



KEY
PARTNER


aluplast®

GARAGE DOORS

THE GARAGE DOOR IS A VITAL ELEMENT OF EVERY MODERN HOME. ITS MAIN FEATURES INCLUDE SAFETY, EASE OF USE AND AESTHETICS. IN THE CASE OF INSULATED GARAGES, IT IS ALSO AN IMPORTANT PART OF THE THERMAL ISOLATION. ALL DOORS MAY BE INCORPORATED IN THE SMART HOME SYSTEM.



SECTIONAL GATES

The most comfortable solution for the garage. It is the only „warm“ gate with a gasket (heat transfer coefficient $U_k=1,07 \text{ (m}^2/\text{K)}$), especially designed for insulated garages.



PANEL TYPES AND STRUCTURE



PANEL WITH NARROW SKIRTING



PANEL WITH WIDE SKIRTING



PANEL FITTINGS WITHOUT GROOVES



HINGED GATES

Traditional solution for closing the garage. A simple and solid construction at a moderate price

GLASS



KEY
PARTNER

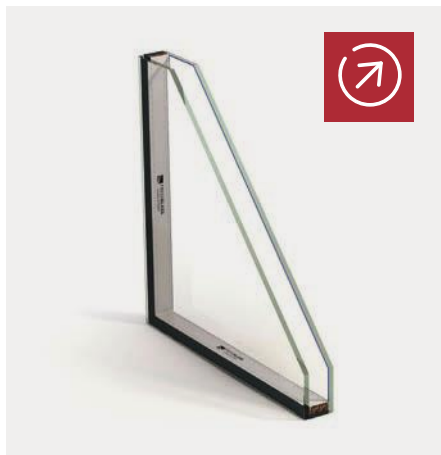


PRESSGLASS

GLASS

WE USE THERMOFLOAT COMPOSITE GLASS COATED WITH A LAYER OF COMBINED PRECIOUS METALS FOR THE PRODUCTION OF MIROX WINDOWS. IT TRANSMITS LIGHT AND SOLAR ENERGY INSIDE AND SIMULTANEOUSLY PREVENTS HEAT LOSS FROM THE ROOM.

HIGH STANDARD



- single-chamber
- filled with argon
- with a Thermofloat coating and warm frame
- heat transfer coefficient at $U=1,1 \text{ W/m}^2\text{K}$

ENERGY-SAVING



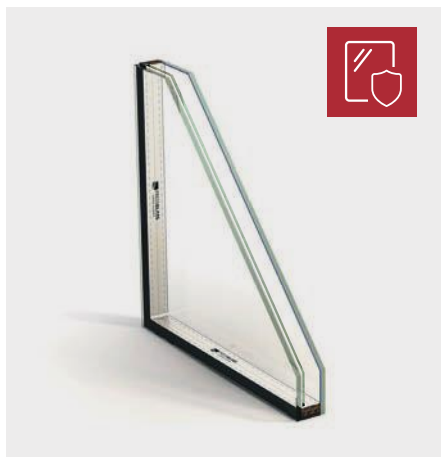
- double-chamber
- filled with argon
- with a Thermofloat coating and warm frame
- heat transfer coefficient at $U= 0,7-0,5 \text{ W/m}^2\text{K}$

ACOUSTIC



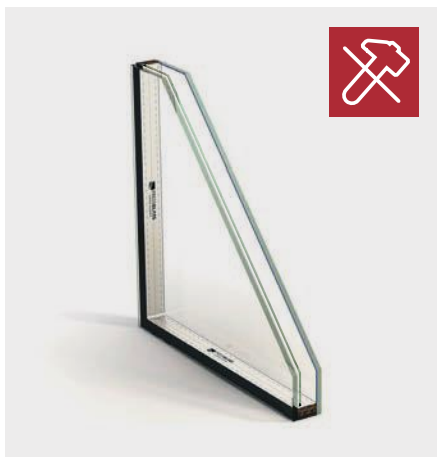
- acoustic insulation within limits $R_w=28-53$
- compliance with PN-EN 12758 and PN-EN 12354-3 standards
- average weighted acoustic insulation at 31-52 dB

ANTI-BURGLAR PROTECTION



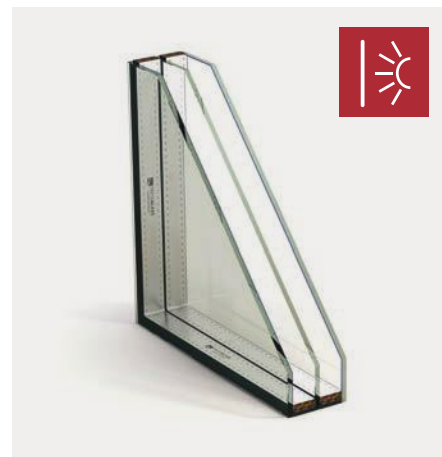
We perceive the safety of our products in a complex manner. When the situation requires the use of glazes with improved resistance to burglary and attack, we assemble anti-burglary glass in our windows. High resistance to breaking is obtained by the use of laminated glass, which include a special foil between each layer of glass.

SAFETY GLASS



In any case when the need to ensure safety against injury arises, we use safety glass in our windows. This is of particular consequence, when potentially big groups of people are present within the range of glass splinters (hospitals, schools, nurseries, shop sites). The desired effect is achieved by using tempered glass in the glazes.

SUN VISORS



- reduction of light transparency through the glass surface
- the optimal room temperature
- reduction of ventilation costs

ORNAMENTS

OUR OFFER REGARDING COMPOSITE GLASS IN MOROX WINDOWS IS SUPPLEMENTED BY A WIDE ASSORTMENT OF ORNAMENTAL GLASS. ORNAMENTAL GLAZES ARE USED PRIMARILY IN CORRIDORS AND BATHROOM DOORS



Atlantic



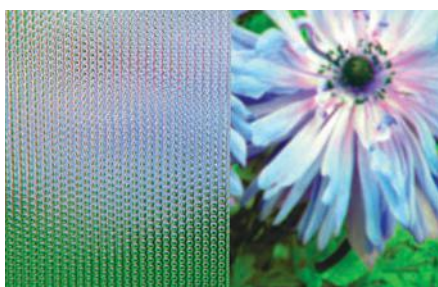
Chinchila



Antisol blue



Delta



Materpoint



Antisol brown



Master Ligne



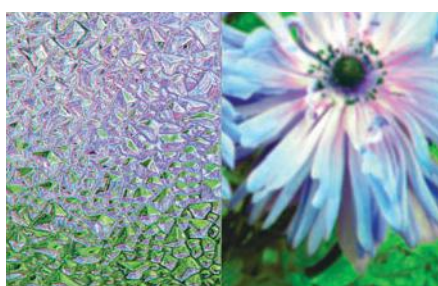
Niagara



Antisol green



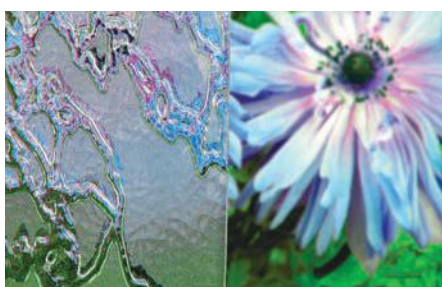
Silvit



Waterdrop



Stopsol grey



Delta



Float Mat

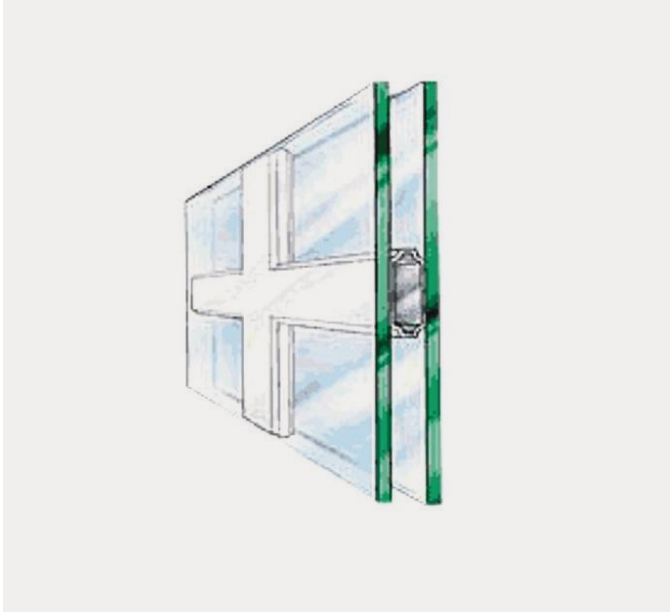


Stopsol clear

MUNTINS

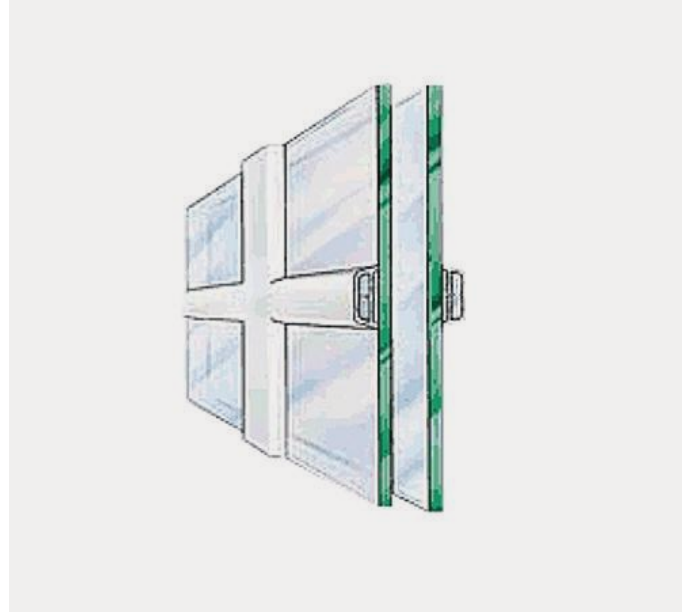
A MUNTIN IS A WINDOW CONSTRUCTION ELEMENT WITH DUAL USE. MUNTINS ARE A PLEASING WINDOW FEATURES, WHICH ADD AN ELEGANT TOUCH. FURTHERMORE, THEY INCREASE THE STRUCTURAL RIGIDITY OF THE WINDOW, WHICH RESULTS IN IMPROVED PASSIVE RESISTANCE.

GLAZE-IN MUNTINS



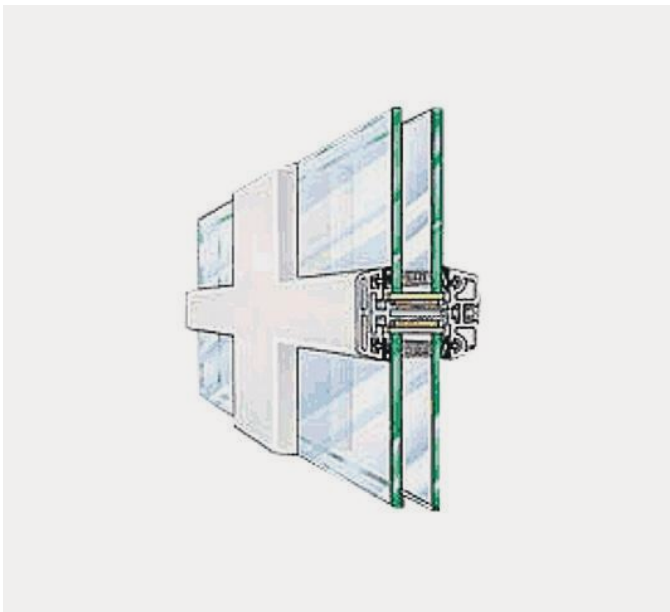
- Made of aluminium
- Available in four basic widths (8, 18, 26 and 45 mm)
- Available in colours imitating wood and in a wide spectrum of RAL colours

STICK-ON MUNTINS



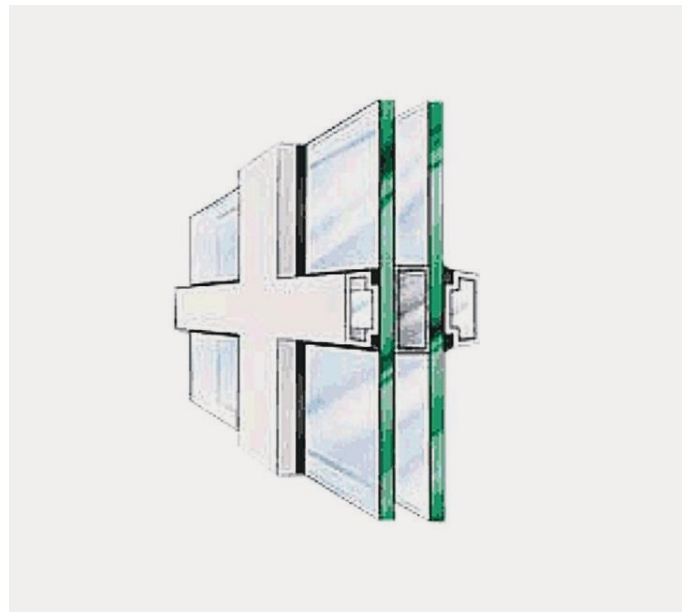
- Made of PVC
- Available in three basic widths (26 and 46 mm)
- May be shaped in arches or circles and combined at different angles

CONSTRUCTION MUNTINS



- Construction muntins are the classic form of muntins
- They are installed to reinforce the construction and enrich the outlook of classic windows
- They find application especially in historical buildings and houses with a traditional type of architecture

VIENNESE MUNTINS



- Due to their construction they appear to be separate glazes
- Narrow and increases the amount of sunlight transmitted into the room
- The air between the glazes may circulate freely since the duplex grid is attached only to the frame

WINDOW HANDLES



KEY
PARTNER

HOPPE® 

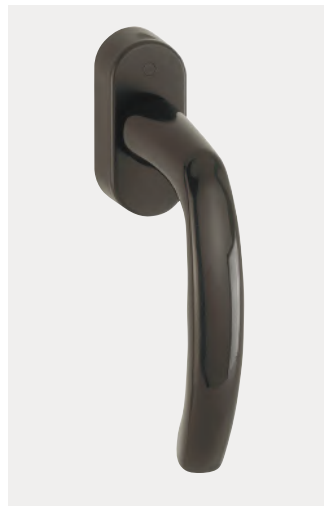
WINDOW HANDLES

A HANDLE COMPLETES THE WINDOW. IT IS A VISIBLE ELEMENT OF THE CONTROL SYSTEM. SIMILAR TO WINDOW SILLS AND BLINDS, HANDLES ALSO INCREASE THE FUNCTIONALITY AND AESTHETIC VALUE OF A WINDOW. IN SPECIAL CASES, E.G. IN WINDOWS INSTALLED ON THE GROUND FLOOR AND THE LAST FLOOR, HANDLES ARE A KEY ELEMENT OF THE SAFETY SYSTEM.

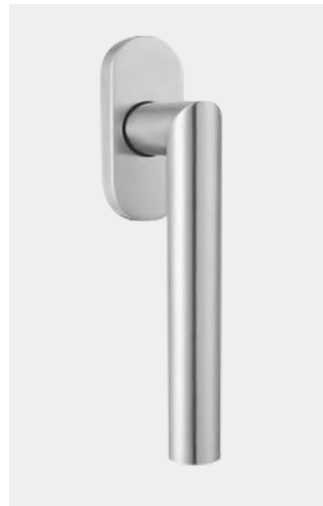
HOPPE WHITE



HOPPE BROWN



STAL GREENTEQ



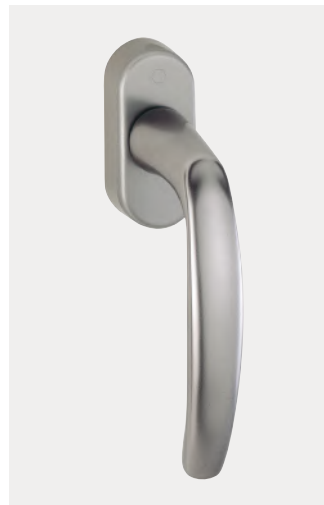
DUBLIN F9



HOPPE WITH A KEY



HOPPE GREY



ROTO SWING SILVER / R011



DUBLIN RAL 7016 MAT



HOPPE WITH A BUTTON



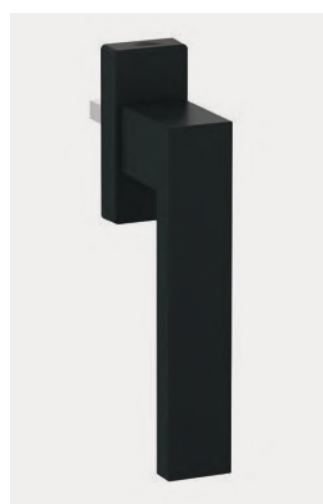
HOPPE NORD LINE



ROTO SWING / R044



DUBLIN RAL9005 MAT



FITTINGS



KEY
PARTNER

**WINK
HAUS**

SPECIAL FITTINGS

THIS IS A BASIC WINDOW ELEMENT. QUALITY AND DURABILITY OF A FITTING HAS ENORMOUS IMPACT ON FAILUREFREE, LONG LASTING USE. WE PROVIDE FITTINGS MADE BY THE RENOWNED GERMAN MANUFACTURER WINKHAUS. VARIABLE, ADDITIONAL ELEMENTS ALLOWS OUR CLIENTS TO MEET THEIR NEEDS.

FAIL SAFE DEVICE



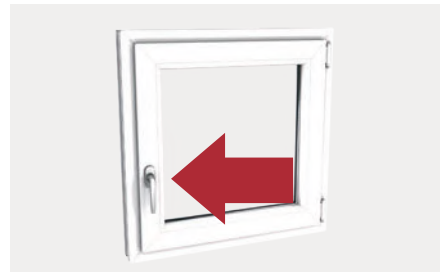
Prevents the casement from hinging.

TURN RESTRICTOR



Limits the opening angle and controls window opening width.

LOWERED HANDLE



Facilitates access to the window: 280 mm, 395 mm, 490 mm, 570 mm, 700 mm.

HIDDEN HINGES



Invisible hinges, increase the aesthetics of the window.

ACTIVPILOT COMFORT PADK



Fitting with safe ventilation function.

EASYPILOT - SOLEIL



ACTIVPILOT GIANT



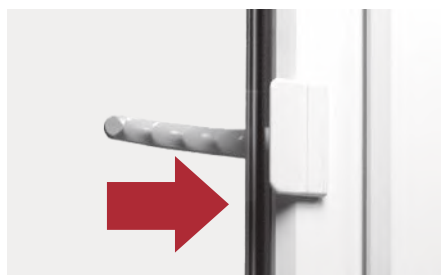
Hardware for large and heavy windows.

REED SWITCH



Alerts in case of forced entry.

BALCONY FAIL SAFE DEVICE



Allows for closing the balcony door from the outside.

ANTI-BURGLAR LATCH



Prevents the window casement from breaking.

Central handle.

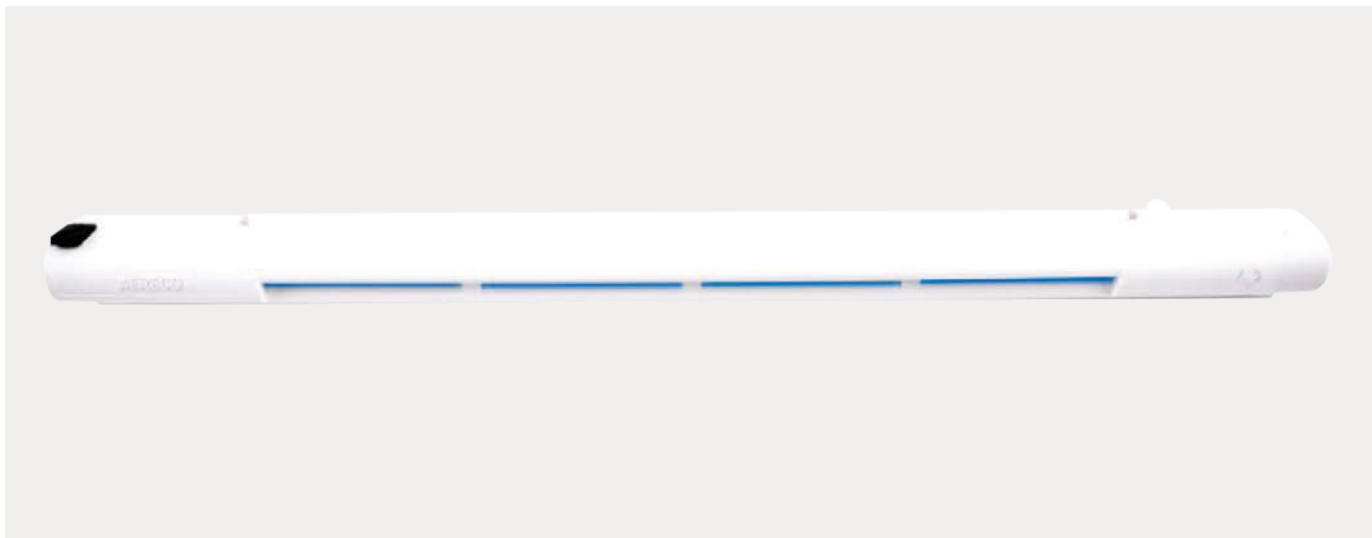
VENTS



VENTS

WINDOW VENTS ARE A SIGNIFICANT ELEMENT OF THE VENTILATION SYSTEM OF THE BUILDING. THEY DELIVER FRESH AIR FROM THE OUTSIDE. THIS WAY THE VENTS SUPPORT AIR CIRCULATION IN THE BUILDING. CONSTANT AIR CIRCULATION SIGNIFICANTLY IMPROVES LIVING CONDITIONS.

HUMIDITY-SENSITIVE



- Humidity-sensitive diffuser is a ventilation window device equipped with a hygroscopic membrane, which controls the size of the air stream depending on the humidity level in the room
- It works without power (automatically) regulating the supply of fresh air and at the same time stabilizing the moisture level in the room

MECHANICAL



- Mechanical diffusers with the possibility of manual opening and closing are elements of ventilation mounted in the window
- They possess a manual control system for the amount of air flow
- They are most often used in residential areas with gas appliances

CONTROL SYSTEM



KEY
PARTNER

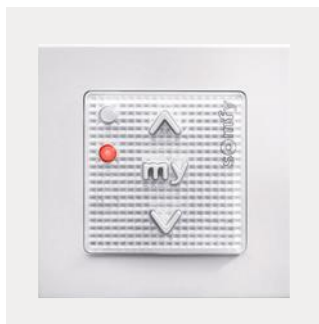
somfy®

CONTROL SYSTEM

AN INTELLIGENT HOUSE INTEGRATES ALL DEVICES IN ONE CO-ORDINATED SYSTEM.
AS SUCH, THE ENTIRE HOUSE WILL HAVE NEW POSSIBILITIES FOR CONTROL AND STEERING.
THE DEGREE OF THE INTEGRATION DEPENDS ON THE ELEMENTS AND THE CONTROL SYSTEM
- WIRED, RADIO OR CONTROLLED BY THE USE OF SMARTPHONE.

		MANUAL CONTROL	WIRED SYSTEM		RADIO SYSTEM		SMART HOUSE
WINDOW	EXTERNAL ROLLER	LINE OR TAPE					
	INTERNAL ROLLER	CHAIN					
TERRACE DOORS	AWNING	CRANK	SINGLE SWITCH	CENTRAL WALL SWITCH	CENTRAL PILOT		TAHOMA
	VENETIAN BLIND						
GARAGE DOORS	KEY			+ POSSIBILITY OF PROGRAMMING	+ POSSIBILITY OF PROGRAMMING		
ENTRY GATE	KEY				SINGLE REMOTE		+ SMARTPHONE

SWITCH



Aesthetic and reliable wall switch that provides control over all system components.

REMOTE CONTROL



Simple and proven radio frequency control system using a suitably programmed remote control.

SMARTPHONEV



Appropriate applications downloaded on a smartphone allow you to manage home installations from anywhere in the world. We recommend integration with the Somfy system.

TAHOMA



TaHoma® Premium allows you to combine devices and sensors into one integrated system. Thanks to this, your home will become a maximum comfortable and safe place, and everyday activities will be a pleasure!

VENEERS

INDIVIDUALISM AND EMPHASIS OF DISTINCTIVE FEATURES ARE THE MAJOR MEANS OF EXPRESSION OF MODERN ARCHITECTS AND DEVELOPERS. COLOUR IS THE MOST EFFECTIVE MEANS TO DISPLAY INDIVIDUALITY. WE OFFER A COMPLETE SPECTRUM OF VENEERS FOR MIROX WINDOWS AND DOORS, WHICH CAN IMITATE THE STRUCTURE METAL OR WOOD, SUCH AS BIRCH, OAK AND ROSEWOOD.



White



AP01 Special oak



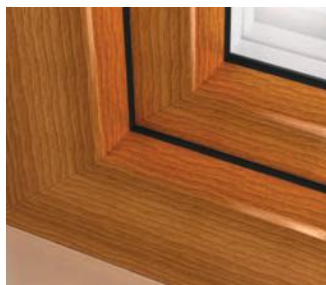
AP02 Natural oak



AP05 Mahogany



AP06 Dark oak



AP11 Douglas fir



AP15 Oregon III



AP19 Turner oak malt PREMIUM



AP20 Sheffield oak alpine (woodec) PREMIUM



AP21 Sheffield oak concrete (woodec) PREMIUM



AP23 Golden oak



AP27 Nut



AP28 Peanut



AP30 Dark green



AP32 Dark red



AP34 Grey



AP40 Anthracite gray



AP41 Steel blue



AP42 Agate gray



AP43 Green



AP44 White



AP47 Diamond blue



AP50 Creme



AP52 Birch



AP60 Anthracite gray - sand



AP61 Grey sand



AP62 Grey basalt



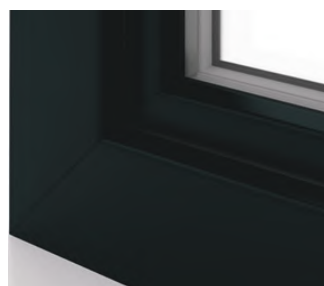
AP63 Brushed aluminium



AP65 Quartz gray - sand



AP69 Dark graphite



AP71 Jet Black MATT



AP75 Sheffield oak - light



AP79 Alux DB



AP86 Papyrus white



AP87 Beige-gray



AP88 Quartz grey



AP89 Dark brown



AP90 Silk grey



AP91 Dark concrete - gray



AP92 Concrete - gray



AP93 Sheffield Oak - brown



AP94 Sheffield oak - grey



AP95 Khaki oak

Note: the full range of available veneers is available at the technical advisor and at www.mirox.pl. Due to the limitations of printing technology, the veneer color samples presented above may differ from the actual textures and colors.

INTERNATIONAL PROJECTS



FRANCE / WINDOWS DE LUX / 2016



MAROCCO / WINDOWS PREMIUM / 2017



MAROCCO / WINDOWS PREMIUM
AND PVC DOORS/ 2019



BELGIUM / WINDOWS PREMIUM / 2020

PROMOTIONAL MATERIALS

PROMOTIONAL MATERIALS IN ENGLISH

Current product range in one, new catalog.
A set of leaflets from industry partners
in English. Updated and complete information
package on our website.



SAMPLES-BOX

A set of construction elements
in a new, sturdy aluminum case.



First set free when visiting the sales
representative or with the first delivery.
Each additional set: 50 euro each. Personalized
material with the distributor's logo: 70 euro each.



COLOR SAMPLER

New, convenient color samples
for foil coatings in the form
of color fans that make
a presentation to compare
the colors of windows, doors
and gates.

MIROX

WINDOWS & DOORS FACTORY



MIROX Ltd.

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