

15 years of experience on the
PVC, ALU and fire resistance
joinery market



WE ARE A WELL-RECOGNIZED MANUFACTURER OF PVC, ALU AND FIRE RESISTANCE WINDOW FRAMEWORK. SINCE 2013 WE HAVE ALSO BEEN DEALING WITH THE CONSTRUCTION OF LIGHT FACADES.

Thanks to our wide experience in the field we are perfectly able to guarantee full satisfaction of even the most demanding Client.



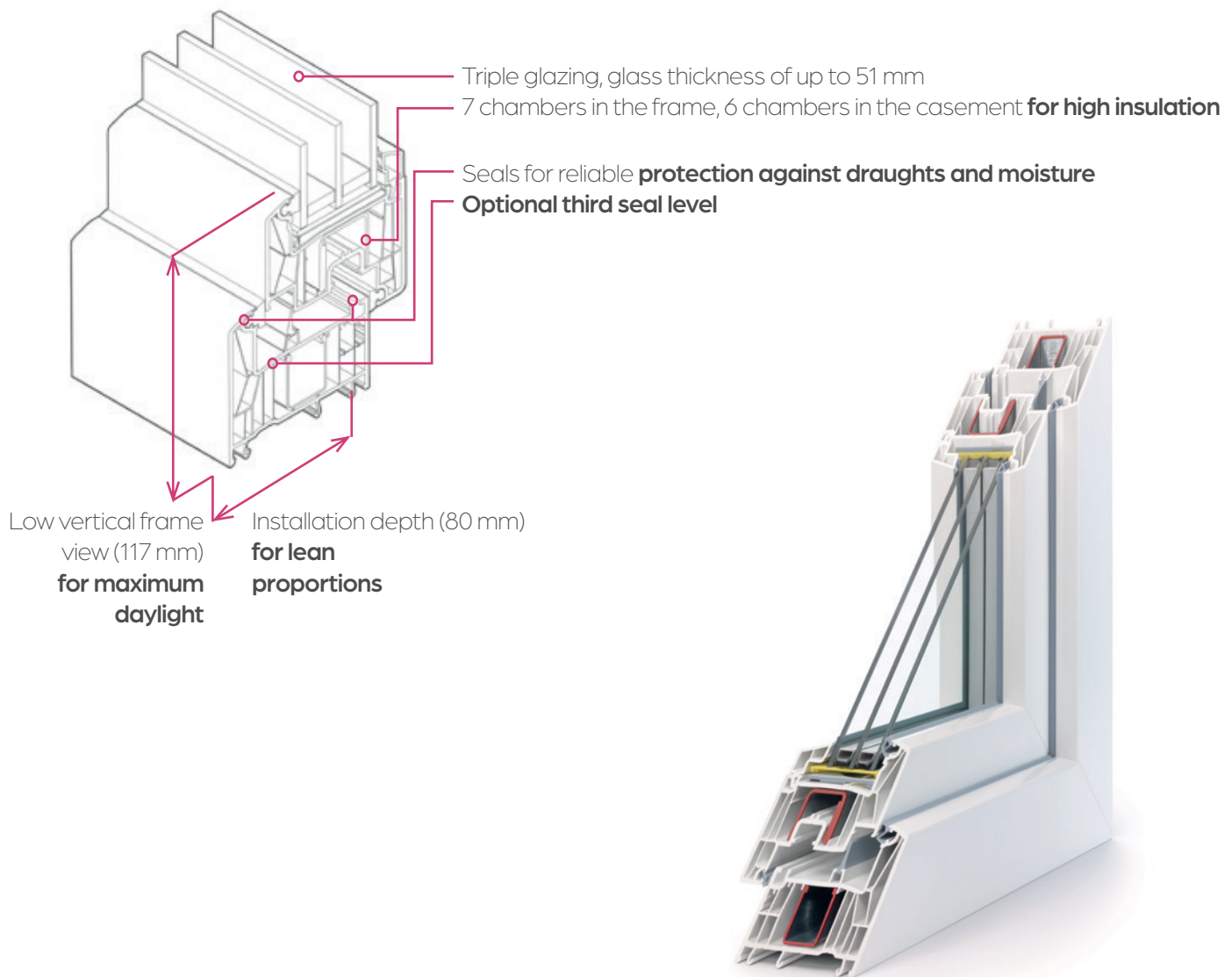
WE ARE PLEASED TO INVITE EVERYBODY TO FAMILIARIZE WITH OUR OFFER AND CONTACT US!



We have a thorough offer concerning PVC, ALU and fire resistance window framework as well as all related products including the following:

- » Inside and outside window seals,
- » Garage gates,
- » Inside and outside shutters,
- » Entrance doors,
- » Inside doors.





YOUR BENEFITS:

- » Energy savings thanks to great thermal insulation
- » Peace and quiet thanks to noise protection
- » Feel safe with individual features for your home
- » Creative window design with a variety of shapes and colours
- » Brilliant, clean windows using our innovative HDF formula
- » Responsible contribution to protecting the environment
- » With SYNEGO windows, you can feel safe and secure in your home.



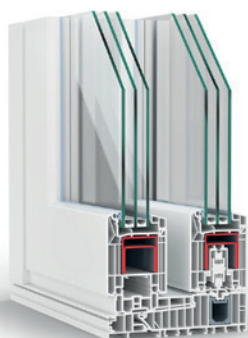
SYNEGO WINDOWS

The profile has 7 chambers in the frame and 6 chambers in the wing, installation depth of 80mm. Synego system meets the future requirements of energy-efficient construction. It is ideal for both the renovation of old buildings and modern builds.



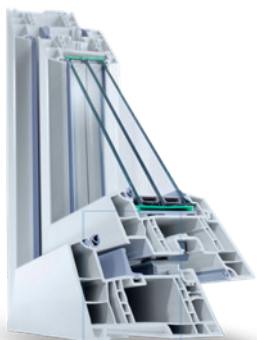
SYNEGO DOORS

Profile system with a depth of 80 mm. The door profile system has been designed for hardware to the RC3 resistance class. Thanks to this, it offers excellent burglar protection. High level of thermal protection and protection against noise, longevity and a wide range of colors are further arguments that will convince demanding investors.



SYNEGO TERRACE DOOR

It is a perfect complement to the SYNEGO product portfolio with the highest energy efficiency. We offer a solution with classic wing and Panorama wing - for lovers of light and unique design. SYNEGO terrace doors can be implemented in many opening schemes, up to 10 m wide and up to 2,7 m high, with a transition light up to 5 m, thanks to this, they provide a comfortable transition from the apartment to the terrace, balcony or garden. This system is intended for newly built and modernized building.



GENEIO WINDOWS

6 - chamber profile with a depth of 86 mm, U_w heat transfer coefficient to 0.86 W/m²K. A stable material that provides the unique properties of static sections without the need for steel reinforcement, which in turn removes the cause of formation of thermal Bridges. Geneio is the leader in its class in terms of energy efficiency.



a sense of comfort
and complete security



minimization of energy
consumption



profiles that meet
the highest requirements



technology friendly to our
health and the environment



excellent parameters of acoustic
and thermal insulation



quality appreciated on
markets around the world



VEKA SOFTLINE 82

A window system with gently outlined shapes and a triple gasket system. The profile has 7 chambers in the frame and 6 chambers in the wing. The height of the profiles allows better lighting of the flat. Thanks to its excellent parameters of thermal and acoustic insulation, it meets all the requirements set for large object systems.



VEKA SOFTLINE 76

System with a depth of 76mm, which is an alternative solution between 70mm and 82mm systems. With good glazing, he creates a duo with very good parameters, with a heat transfer coefficient that meets the highest requirements.



VEKA ARTLINE 82

The system has a construction depth of 82mm, has 6 chambers in the frame and 5 chambers in the wing and a triple gasket system. The Artline window is distinguished by the optics of frameless glazing, thanks to which the wing is hidden behind the frame, and the frame can be almost completely hidden under the insulation layer of the building.



VEKA SLIDE 82

Liftable sliding doors with excellent insulation parameters and a modern design. The slim design with low profiles provides a large glazing area and gives the desired light.

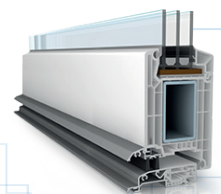
Thanks to the use of a duothermal barrier and an integrated insulation wedge in the threshold, it eliminates the formation of cold floor areas at the door.



VEKA SOFTLINE 82 DOOR PVC

Entrance door with a 7-chamber frame and a 5-chamber wing with a height of 125mm. The entrance door produced by us is equipped with three-point bolts with automatic locking.

The appropriate sash construction allows the use of a solid steel reinforcement, which guarantees long-term use of the door. Attractive door panels, available in a wide range to choose from, emphasize the unique character of the house.





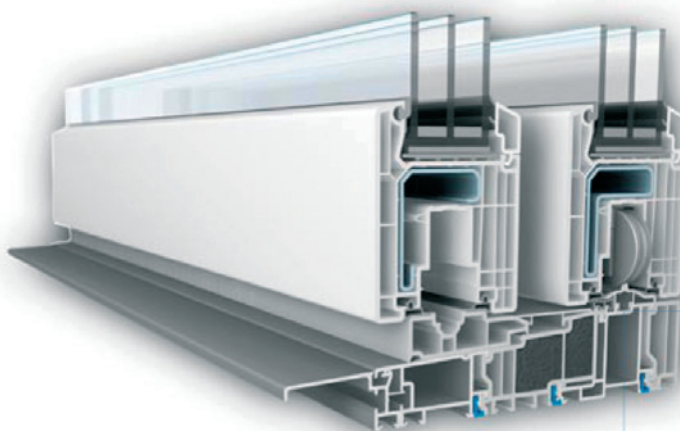
VEKA SLIDE 82



VEKA SLIDE 82 system is dedicated to large sliding glazing meets the requirements of investors in terms of energy efficiency, ergonomics and aesthetics. Thanks to the use of wide profiles and fittings with an impressive load capacity of up to 400 kg, it is possible to perform terrace doors with energy-saving package of $U_g=0.5 \text{ W/m}^2\text{K}$ according to EN673.

A removable drip cap provides support for the blind and facilitates subsequent renovation work on the terrace and balcony.

The flat shape of the threshold and its flush ending make it a construction it is not an architectural barrier.



The newly designed door threshold has excellent thermal insulation properties by using a duothermal barrier and an integrated insulation wedge. This is the end of the cold floor areas at the door.

WINDOWS AND DOORS

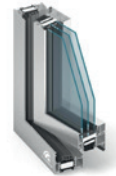
MB – 70

Is a perfect solution for various elements of architectural interior constructions that require thermal and acoustic insulation. The system is distinguished by low overall heat transfer coefficient „U“ resulting from the application of thermal inserts and seals. It is possible to make arch window or outward opening windows.



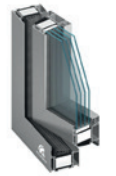
MB – 86

It is a system with great parameters which easily satisfies various client's needs. The construction of its sections includes 3 options of execution depending on thermal energy-saving requirements: ST, SI and AERO. MB – 86 is the first aluminium window and door system in the world which uses aerogel – material with excellent thermal insulation features.



MB – 104 PASSIVE

A system of aluminium windows with 95mm deep window frame, 104mm deep windows sash and glazing width of up to 81mm with the highest insulating power coefficient meets all the requirements for elements applied in the construction of passive building.



SLIDING AND FOLDING SYSTEMS

MB SLIDE, MB SLIDE ST

These systems have been designed for the construction of sliding doors and windows with thermal insulation. Sliding doors, especially those big sized, visually expand the living space by means of joining it with an outside terrace or garden.



MB – 86 FOLD LINE

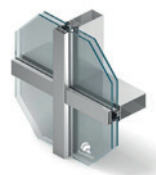
With its excellent technical parameters, MB – 86 FOLD LINE is a very convenient solution that enables the fabrication of large-dimension structures. Folding door can be opened both outwards and inwards and its leaves can be freely configured. Large dimensions of the construction enable the fabrication of doors that are up to 2700 mm high and 1000 mm wide.



FACADES

MB – SR50N

A post and beam wall system with improved thermal insulating power parameters applied in the construction of light panel walls, big glazed roof surfaces, skylights, winter gardens, vestibules and other structures



FIREPROOF SYSTEM

MB – 78EI

Is a technologically advanced fire resistant system that is distinguished by booth air-tightness and fire rating. A system of fire rated MB – 78EI walls is used for constructing inside or outside EI15, EI30, EI45 and EI60 resistance class separators.



Our offer also includes fire-rated elements with smoke resistance class with a certificate confirming the completion of the study, ended with a positive result.



AUTOLOCK **AV3**/BLUEMATIC **EAV3**

A NEW LOCK WITH AUTOMATIC GIRT

- » Safe interlocking at the moment of door's closure
- » A new double girt for increased tightness and safety
- » Innovative function of switching into a day mode
- » Door protection against damage
- » Electrical option with possible remote, smartphone or fingerprint reader control etc.



Watch a movie!
www.winkhaus.pl

COMFORT OF REMOTELY-CONTROLLED OPENING

AV3-lock does not only appear in its mechanical version but also in a blueMatic EAV3 option that is equipped with an electrical drive. The electrical version of the lock constitutes a comfortable solution enabling automatic locking and remotely-controlled opening of doors with the use of a remote control, a transponder, a mobile phone, a fingerprint reader, etc. From the inside the door is traditionally opened with the use of a door handle.



BLUESMART

INTELLIGENT BUILDING MANAGEMENT

An electronic access system by Winkhaus is a new generation of electronic access control. It enables central control of complex key systems as well as remote data transfer. High comfort of service and short amortization time are another advantages of this innovative technology that offers solutions for facilities of different size.

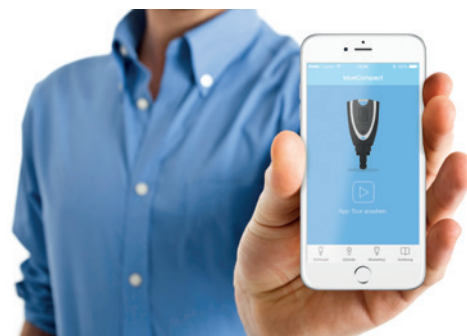


BlueSmart system does not only control access control, but also registers users' moves and calculates services they take advantage of - in office building, hotels, hospitals, sports halls, historical facilities, nursing homes, schools and airports. The intelligent solution combines various advantages of systems operating both offline and online, making the operation of a facility comfortable and even more economical.



It is a system designed for objects up to 25 inserts and 99 keys and operated using a free phone application. It allows:

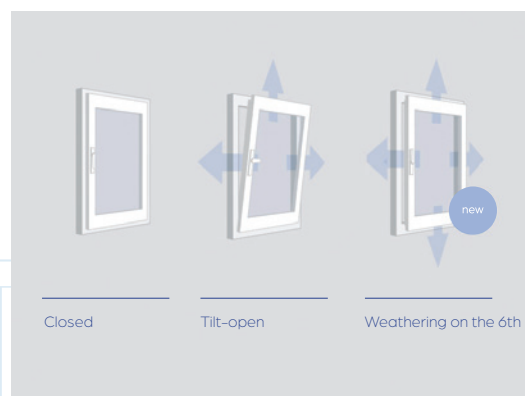
- » give access to the rooms only to persons authorized to enter them,
- » control who entered or attempted to use unauthorized keys during the day (during business hours or after business hours),
- » restrict access to certain rooms to specific hourly frames, e.g. 8.00-16.00, tailored to the working hours of individual key users,
- » instantly lock the lost key without replacing the inserts.



	Mechanical locking system	blueCompact
Entry security	✓	✓
Access organisation	✓	✓
Cost-neutral changes in authorisation		✓
Logging of locking events		✓
Naming of doors and keys		✓
Simple and direct access to instructions		✓
Freedom in planning and a clear layout		✓
Modern and innovative design		✓
Remote authorisation and authorisation planning		✓
Time profiles		✓

ENERGY-EFFICIENT WINDING WITHOUT OPENING A WINDOW

The Winkhaus company offers activPilot Comfort fittings with residual function. It consists in the fact that the sash is offset from the frame by about 6 millimeters around the perimeter of the window. The gap created in this way allows effective air exchange, sufficient to provide the right climate indoors, without excessive energy loss. Importantly, the window in this position retains high resistance to burglary - it meets the RC1 or RC2 class according to EN 1627-1630.



GLAZED UNITS

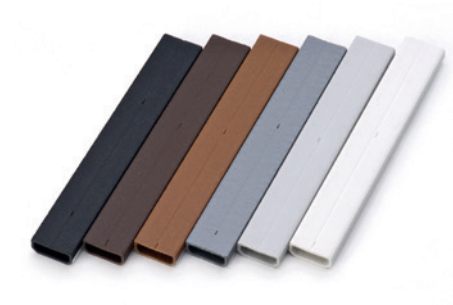
WARM EDGE

Until recently, aluminium spacer bars were generally used in double glazing. However, with ever improving window frame and glazing heat conductivity coefficient values, aluminium bars were shown to be the weak point in glass unit construction.

The solution to this problem may be the application of a spacer bar – called warm edge, executed from compound insulation material or fine steel.

Why is it worth to use a warm edge in your windows and facades?

- » increased U_w thermal transmittance factor for windows by approximately 10% according to PN-EN ISO 10077;
- » no thermal bridge at the edges of insulated glass units;
- » better thermal comfort near the windows;
- » lower heating costs by up to 5%, depending on the level of insulation;
- » reduced risk of condensation on the glass pane surface thanks to an increase in temperature at the edge of the glazing.



ORNAMENTAL GLASS

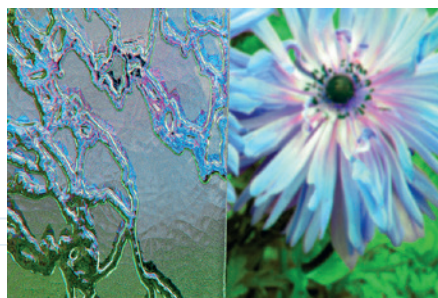
The increased use of glass as a modern decorative material leads to the necessity of satisfying the specific requirements which designers and architects place before it. Thus, ornamental glass should let the light come inside a room enhancing the warmth and depth of its features while at the same time preserving its privacy.*



ABSTRACTO



KATHEDRAL



DELTA-MAT



NIAGARA

*For a larger range of ornamental designs, ask a RYBAK seller.

Windows are an investment for many years, so it is important considering the use of shutters in your building. This is not only a great idea to deter thieves, but also an effective way to keep the heat at home during the winter. Thanks to the rich color available, the shutters harmonize perfectly with the color of the windows and give them aesthetics and elegance.



WHY IS IT WORTH INVEST IN ROLLER SHUTTERS?

- » in the winter they protect against cold and in the summer against light and excessive heating
- » protect windows from heat loss and allow reduce the costs associated with heating the flat winter
- » they constitute sound insulation
- » they are a hindrance to any possible burglar
- » they allow residents to remain private

TOP MOUNTED SHUTTERS

Top mounted shutters that can also be called roller shutters are installed only at the construction stage of the facility or during the replacement of window woodwork in the already existing facilities. The box of roller blinds in this case is applied on the frame of windows or doors. Guide rails are screwed to the external part of the window frame, and only later is the whole set installed in the window recess. The box of the shutters is eventually invisible, and shutters seem to be parts of the windows.



CC1000



MX1200



TL1000



TP1000K

FRONT MOUNTED SHUTTERS

The front mounted shutter may be installed at any moment, as it is installed on the facade. A large selection of boxes, profiles and their colours will fulfil all your aesthetic expectations. We also offer perfect quality overload, radio and wire drives that will ensure the comfort of use.



OL2000



OS2000



RL2000



ST2000

Energy-efficient window installation is a revolutionary solution dedicated to energy-saving construction. The excellent insulation properties of the system meet the criteria for tight fitting of windows even in passive houses. Most of the elements are made of PVC material filled with rigid polyurethane foam, chamber closed with excellent thermal insulation properties. The special shape of the profile ensures that a proper, tight connection is made during the installation of the window joinery.

STANDARD LINE



Made of PCV filled with rigid polyurethane foam and a seal together with its specially shaped profile enables proper and tight installation.

Thermo-PANEL fulfills the thermal insulation and window's circumferential seal functions. The whole window's statics has been considerably improved by the increased window frame's stiffness created by its mechanical connection to the Thermo-PANEL.

PREMIUM LINE



EXCLUSIVE LINE



Innovative solution, namely – KZN lintel (for intermo/integro concealed blinds) embedding on ceiling axis level enables larger window opening creation. Enlarged glazing area is not only a trend in modern construction, but above all, it is about more light in the interior and thus – enhanced comfort of residents and their daily well-being.

- NO DAMPNESS ▪ STABILITY ▪ NO BLAST ▪
- SAVING TIME ▪ SAVING MONEY ▪

