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PVC-A



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Windows *Factory*
PVC | ALU | WOOD

eko
OKNA

PVC PROFILES

02

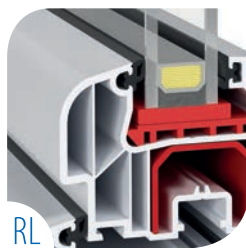


Ideal 4000



- 5 chamber system
- 70 mm depth
- $U_w = 1,3 \text{ W/m}^2\text{K}$
- glazing thickness up to 41 mm
- modern design, sloped surfaces and round flanges inside and outside
- design glazing bead for inside
- double design variety in the sash
- possibility of easy upgrading for controlled ventilation
- different profile outlines for appealing optical characteristics
- two revolving levels of sealing for a good tightness

It offers the perfect synthesis of innovative window technology and vitality for life. As one of the first profile manufacturing companies, aluplast recognized the need for higher insulation and developed the top-quality system IDEAL 4000®. Neither optical characteristics nor technical aspects are compromised. It gives a guarantee for a maximum in individuality and security in the domain of commercial buildings as well as private homes.



Ideal 4000 NEW



- 6 chamber system
- 85 mm depth
- $U_w = 1,3 \text{ W/m}^2\text{K}$
- glazing thickness up to 41 mm
- design glazing bead for inside
- double design variety in the sash
- possibility of easy upgrading for controlled ventilation

Modern technology profile designed for energy-efficient buildings with wealth of additional system solutions. The 85 mm-deep profiles and a 6 chamber construction provide an outstanding thermal insulation properties. IDEAL 4000 new® meets the requirements of modern construction, the combination of cutting-edge technology with the comfort of use.



Ideal 5000

03



- 5 chamber system
- 70 mm depth
- $U_w = 1,2 \text{ W/m}^2\text{K}$
- glazing thickness up to 41 mm
- passive house suitable
- double design variety in the sash
- design glazing bead for the interior
- covered, non-visible drainage possible
- different profile outlines for appealing optical characteristics
- great reinforcement chamber for ideal static strains
- specially protected hardware chamber for ideal security
- centre sealing system with three sealing levels

The outstanding insulation characteristics of the profile provide first class living comfort. IDEAL 5000® is the consequent development of the IDEAL 4000® system on the basis of a middle sealing. With specially developed reinforcements the system IDEAL 5000® in combination with special glazing beads the system has even passive-house-standard. The extraordinary construction creates a very slim outside view of the airfoil that highlights the window and makes it particularly attractive.



Ideal 8000 PASSIVE



- 6 chamber system with three sealing levels
- 85 mm depth
- $U_w = 0,8 \text{ W/m}^2\text{K}$
- glazing thickness up to 51 mm
- more light incidence in the living area due to leaner appearance
- double design variant in the window sash
- large adhesive surfaces between glass and profile
- glass pane load transfer takes place directly on the internal bars of the profile
- approx. 20% better heat insulation in the profile cross section
- increased protection from break-in in the area of the glass joint
- secure bond between glass pane unit and sash prevents the sash profile from moving in relation to the glass
- dimensionally stable sash even for special elements, such as triangular-arched windows etc.
- sash does not sink during use

IDEAL 8000® – simply more light, security and heat insulation. This was achieved by increasing the depth of the new Ideal 8000 series to 85mm, using 6 chamber profile construction and the triple-seal system, which not only improves the thermal efficiency of the window, but also positively affects the isolating values of the product. IDEAL 8000® fulfills the passive house requirements.

04

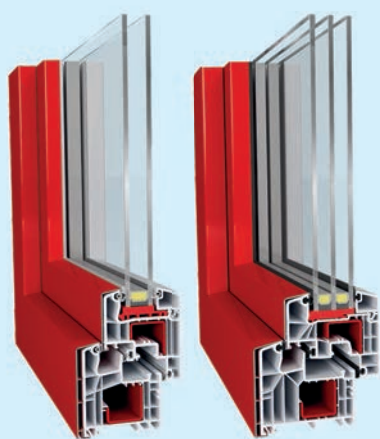


HST 85



- improved thermal characteristics
- $U_w = 0,95 \text{ W/m}^2\text{K}$
- possible application in passive house solutions
- glazing and panel thickness up to 51 mm
- optimized for triple glazing
- extremely smooth running, even with extensive doors
- appealing colours for individual desires

Lift and slide door perfectly connects closeness to nature and living aesthetics with one another. Even large dimensioned elements offer the best security. With a smooth-running lifting mechanism even huge sliding elements can be moved very easily. The wide opening provides a connection with the outside without disturbing steps. A feeling of freedom and comprehensiveness frees rooms and also the mind.



Ideal 5000

Ideal 8000

Aluskin



Aluskin – best energy saving parameters and unsurpassed esthetics of aluminum windows and facades are the key to satisfying the most demanding architects. The aluplast system of aluminium covers for PVC profiles can be achieved in any colour from the RAL palette, thanks to the modern capabilities of colouring by paint or powder. By using aluskin covers on outer surfaces you can obtain high profile esthetics, improved durability and colour diversity. With no drills, no glue and no time waste you can get a product nothing short of unique.



SL



RL

Eko Sun 70



- 6 chamber system
- 70 mm depth
- $U_w = 1,3 \text{ W/m}^2\text{K}$
- glazing thickness up to 36 mm
- gray or black weather-resistant seals
- optional use of a straight or rounded sash

Eko Sun 70 system is an offer for all customers who opt for ultimate profile properties while appreciating a reasonable price of their windows. Owing to its exquisitely-designed profile, this window made from high-quality PVC ensures great thermal properties. The large chambers allow for the use of reinforcements which enhance the stability of the profile. Recommended to all customers who appreciate good design.





Eko Sun 70 3D



- 6 chamber system equipped with three seals
- 70 mm depth
- $U_w = 1,3 \text{ W/m}^2\text{K}$
- glazing thickness up to 36 mm
- gray or black weather-resistant seals
- sleek surfaces and excellent geometry of the profiles ensure an attractive look
- profile available in a wide range of colour and wood veneers

Eko Sun 70 3D has been designed especially for those who require their profile to have excellent thermal properties and a high stability. An additional internal seal allows for a reduction in heating costs.



06



Eko Sun 90 PASSIVE



- 8 chamber system equipped with three seals
- 90 mm depth
- $U_w = 0,8 \text{ W/m}^2\text{K}$
- glazing thickness up to 46 mm
- gray or black weather-resistant seals of high plasticity
- optional use of a wide range of colour and wood veneers
- fixed glazing in the frame without any additional adapters

As the best 8 chamber system on the market, Eko Sun 90 can boast unusual thermoinsulation properties. An additional centre seal allows for considerable savings in heating costs. Available in many colours and wood-like veneers. Particularly recommended with triple-glazing packages for use in passive houses.



PVC DOORS



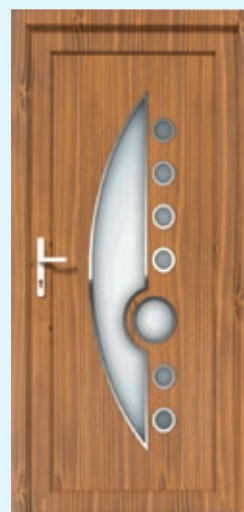
EkoLine 01



EkoLine 14



EkoLine 02



EkoLine 03



EkoLine 44



EkoLine 15



EkoLine 04



EkoLine 05

07



Ekoline 06



Ekoline 07



Ekoline 08



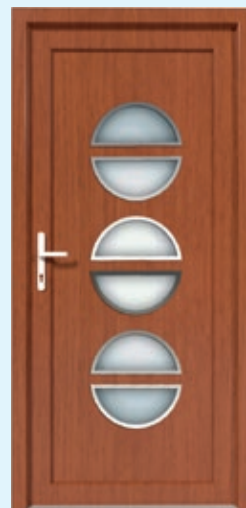
Ekoline 35



Ekoline 49



Ekoline 24



Ekoline 13



Ekoline 45



Ekoline 12

ALUMINIUM PROFILES



Aluminium MB-45

- 1 chamber system
- structural depth of the window sections is equal to 45 mm (frame), 54 mm (casement)
- sets of glass panels from 2 mm to 35 mm in window casements and from 2 mm to 26 mm in fixed windows and doorframes

MB-45 is a modern aluminium system intended for designing elements of architectural exterior and interior enclosures that do not require thermal insulation, e.g. various types of partition walls, windows, manual and automatic sliding doors, swing doors, vestibules, display windows, ticket box offices, showcases and spatial structures.

09



Aluminium MB-60

- 3 chamber system
- structural depth of the window sections is equal to 60 mm (frames) and 69 mm (casements)
- low Uf
- „omega” – shaped thermal breaks applied of the width equal to 24 mm coefficient U

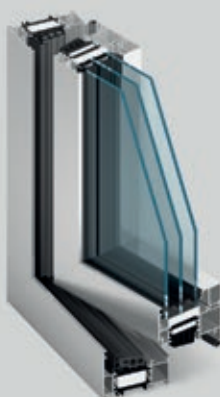
The characteristic feature of this system is its close relation to the window/door MB-45, MB-59S and MB-70 systems. Adapting such a constructional design allowed achieving and applying many compatible elements in these systems, e.g. common glazing beads, corner joints, sealing strips, glazing and closing gaskets, common hardware, closing devices, hinges, and many identical technological processes such as pinning of connecting elements of lacings and crossbars, gluing corners joints, cutting out various recesses, etc.



Aluminium MB-70

- 5 chamber system
- structural depth of the window sections is equal to 70 mm (frames) and 79 mm (casement)
- U_f depending on the applied profiles and accessories – ranges between 1,5 and 2,39 W/m^2K
- special gaskets made of two-component synthetic rubber

Modern aluminium system intended for realizations of exterior architectural building elements requiring thermal and acoustic insulation, such as: various types of windows, doors, vestibules, display windows or spatial structures.

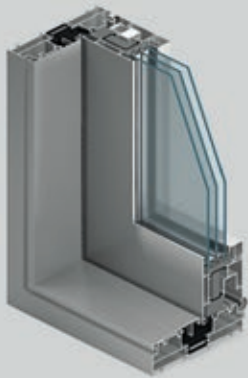


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Aluminium MB-86

- large selection of profiles
- newly shaped, extra thick thermal breaks
- multi component central gasket
- glazing strips with additional sealing option
- glazing up to 67,5 mm enabling all types of two chamber glazing, acoustic and security, anti burglary glazing
- large, wire-free glass areas
- appropriate for variety of hardware including concealed hinges
- water draining available in both traditional and concealed options
- highly energy efficient from 0,57 W/m^2K
- clean, sharp lines of narrow extruded aluminum framing
- multitude of finish options

System have been designed to offer outstanding insulation properties. It meets the increasing requirements from the legislative and general market demands for the enhanced energy saving construction of new windows and doors. Offered in three varieties ST, SI and AERO it is the first aluminum system to employ silica aerogel, the nanoporous material that has a very high proportion of free void volume compared to conventional solid materials. Its high pore volume, low solid content, and torturous path amorphous structure give rise to low values of thermal conductivity. Therefore the system features the industry leading thermal performance. In addition it also features exceptional rate of profiles inertia that allows for greater windows in size and weight.



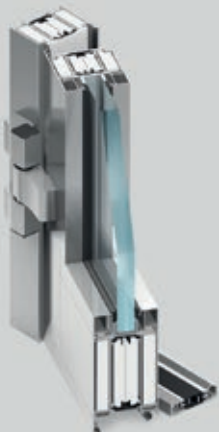
Aluminium MB-77 HS

- durable and slender profiles enable screens of a low-threshold door of the weight of the leaf of up to 400 kg, height-up to 3,2 m and width-up to 3,3 m
- a wide range of glazing options, allowing application of double or triple glazed units combined with thermal breaks as well as additional inserts, enable achieving high thermal and acoustic insulation of the door
- for aesthetic values glazing beads come in three options: Standard (rectangular), Prestige (rounded) and Style (shaped)

Lift & Slide door product is an ideal solution for connecting interior space rooms or conservatories with the outside balcony, terrace or garden area. Providing both a smooth and silent slide action operation, it can bring the benefits of a beautiful day outside, into the living space. In addition, and by way of its design and operation, the MB-77HS is a great space saving opening and does not encroach the free space beyond the internal or external confines of the frame, without any compromise. Providing excellent weather tightness together with enhanced thermal performance, the MB-77HS complies with all of the requirements associated with this product type.



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Aluminium MB-78 EI

Fire partition system is intended for producing internal or external fire partition walls with single- or double-leaf doors with a fire resistance class of EI 15, EI 30, EI 45 or EI 60, according to the PN-EN 13501-2+A1:2010 norm.



ALUMINIUM DOORS

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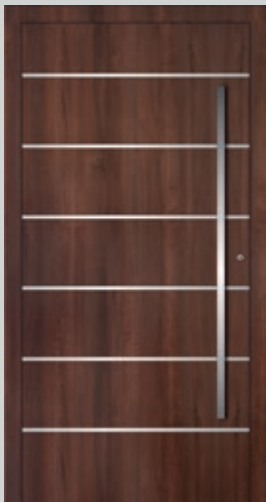
DP 01



DP 12



DP 03



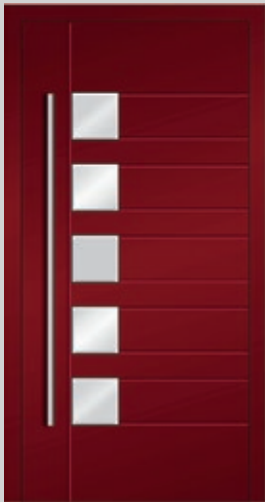
DP 04



DP 05



DP 06



DP 07



DP 17



DP 19



DP 02



DP 18



DP 13



DP 11



DP 14



DP 15



DP 09



DP 20



WOOD WINDOWS & DOORS

Eko-Okna offers a wide selection of wooden joinery including: Naturo 68mm, Naturo 78mm, Naturo 92mm systems, dual, historic casement, Scandinavian, aluminium-wooden windows, as well as entrance doors and Naturo Slide - modern balcony doors.

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Windows are provided with glazed units of low emissivity $R_w=32\text{dB}$ (noise insulation) and $U=1.1\text{W/m}^2\text{K}$ (heat transmission) or lower.

We offer a wide selection of **safety and security glass**, sound protection and solar protection glass, patterned glass. German MACO branded multi-point locking fittings provide micro-ventilation while tilt-and turn fittings are provided with security bolt system.

Hoppe Secustik branded handles are provided with the locking system to guarantee efficient anti-burglar protection. Thanks to **Schlegel branded thermoplastic foam gasket**, an extended durability and tightness is ensured.

Eko-Okna windows carry required approvals and Polish and European Acceptance Certificates.

Naturo wooden joinery is manufactured from many different kinds of properly selected pine, meranti mahogany, larch and oak wood. Technology of 3-or 4-ply longitudinally and differently oriented wood rings makes the construction of our doors strong and durable. Gori water-based and environmentally friendly painting system guarantees top quality coats. Four-layer system (impregnating coat, base coat, inter-layer coat and top coat) provides the final colour and at the same time protects the wood and ensures durability and long life of the coat.

On individual orders we also supply woods coated with the top coat.

Naturo wooden joinery is manufactured from many different kinds of properly selected pine, meranti mahogany, larch and oak wood.

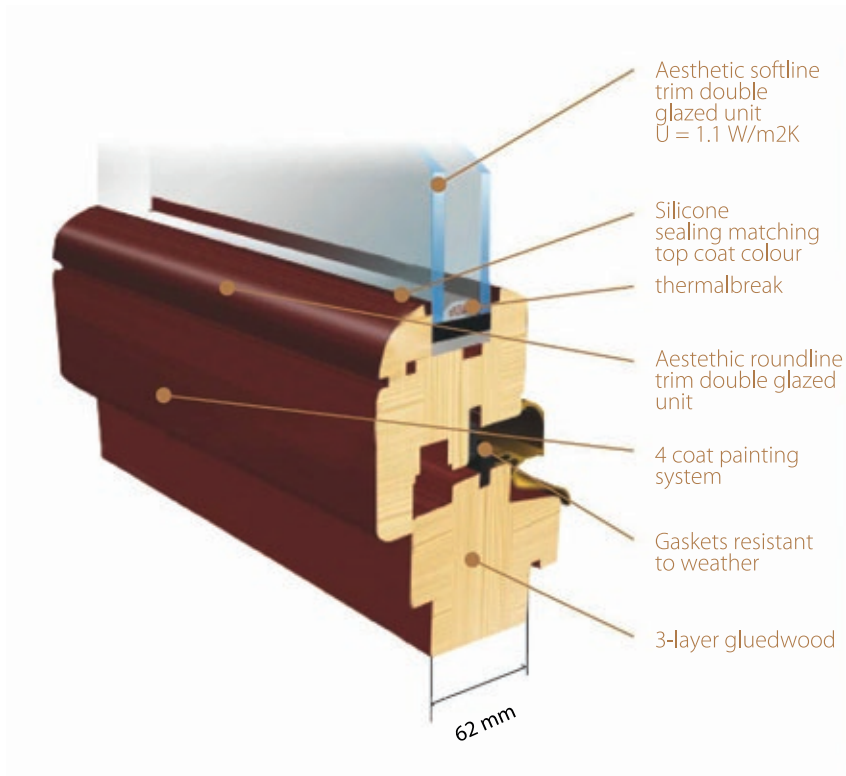
Naturo 68 mm

To ensure long life of Eko-Okna wooden windows

Wood modern treatment. Pine or meranti mahogany 3-ply longitudinally joined square timber wood undergoes special treatment on the modern computer-controlled line to guarantee high technical parameters and precise planning to 0.01mm.

Continual profiling system and feeding of the wood with roll conveyors ensure precision and protection against damages and chipping. The whole process and all parameters are computer-controlled without any manual intervention. Mortise and tenon joints protection.

All rail mortise and tenon joints are coated with protective Flex agent at places of wood crosswise intersection. This acrylic based coat protects the wood against moisture penetration and ensures long life of the wood.



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Profile along with three-glazed unit shaped trim

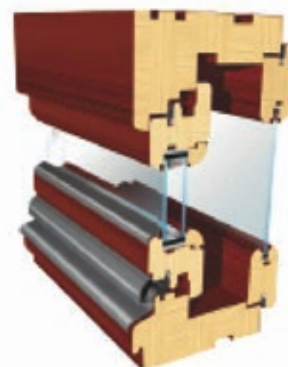
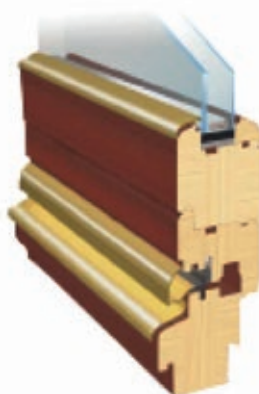
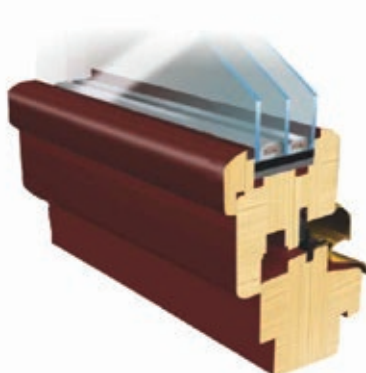
Balcony profile - a bottom frame

To improve thermal conductivity, it is possible to provide 68mm window with the three-glazed unit of lower thermal conductivity coefficient:

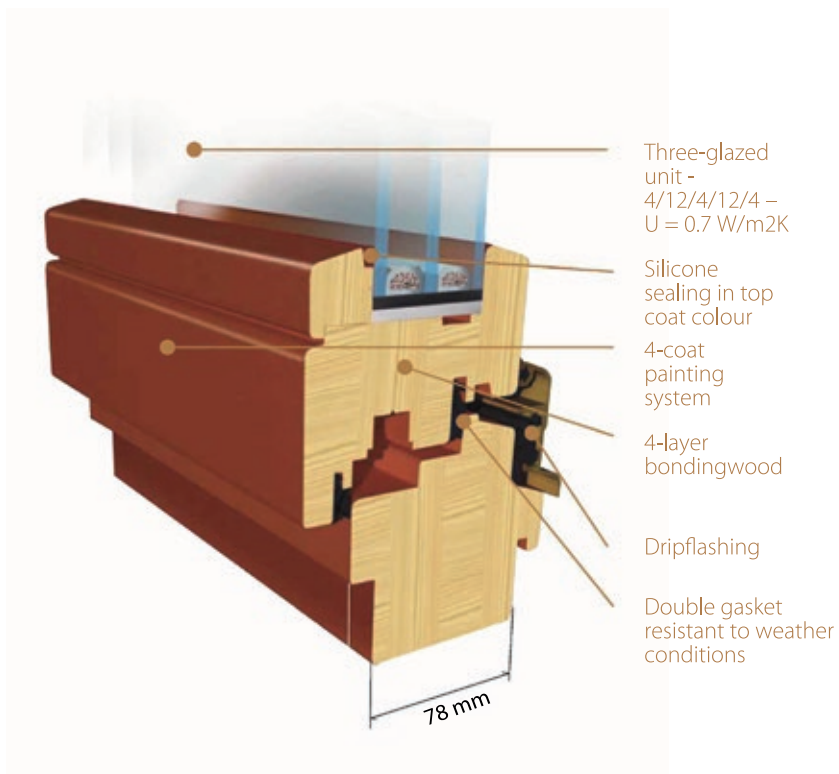
$U = 0,8 \text{ W/m}^2 \text{ K}$

$U = 0,7 \text{ W/m}^2 \text{ K}$

$U = 0,5 \text{ W/m}^2 \text{ K}$



Historic casement windows with an additional outer sash.



Naturo 78 mm

The system improves thermal insulation of the whole window of up to 1.0 W/m²K

- 4-ply longitudinally joined square timber, 78mm wide frame that increases stability of the construction,
- improved thermal insulation thanks to three-glazed unit of U=0.7W/m²K,
- double gasket increasing sash tightness,
- fittings with increased load-bearing capacity.

On individual orders we also supply custom made outside shutters in any shape and colour (GORI colour palette).



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Cross-section of the wood and aluminium 68mm profile



Cross-section of the wood and aluminium 78mm profile



Wood-aluminium windows 68 and 78 mm

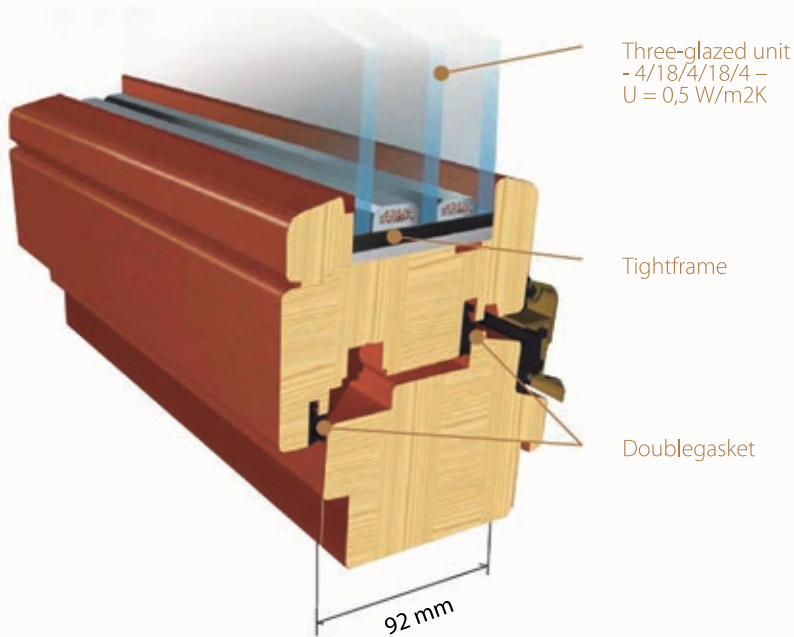
Wood-aluminium windows of innovative construction provided with two independent frames - an interior wooden one and aluminium exterior one.

- external aluminium provides efficient protection against weather conditions,
- aluminium covers of wooden windows that improve protection,
- perfect for aluminium elevations, spaces where higher thermal conductivity is required, combined with aesthetic appearance.
- aluminium available in a wide selection of RAL colour palette and wood ring imitation.

Naturo 92 mm

The system improves thermal insulation of the whole window of up to 0.8 W/m²K

- 4-ply longitudinally joined square timber, 92mm wide frame that increases stability of the construction and improves thermal insulation,
- three-glazed unit of U=0.5W/m²K to ensure the best thermal conductivity available on the market,
- possibility to combine glass thermal insulation with other functions e.g. security glass, soundreduction glass and for large spaces,
- "tight frame" in colour matching joinery to reduce heat loss,
- double gasket that increases tightness,
- available also with the RETRO profile.



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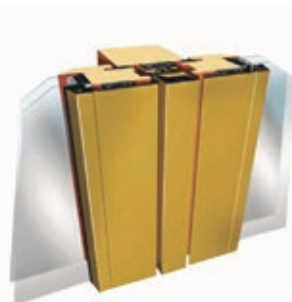
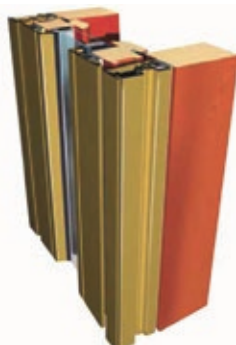
„Scandinavian” windows

Windows manufactured with the technology used in Scandinavia, the Benelux countries and the United Kingdom – outwards opening. Special fittings enable opening, reversing, tilting, pivoting both in the up and down position. Perfect for seaside and mountain areas where strong winds improve tightness of the window.

Profile cross-section



Scandinavian, wood-aluminium profile cross-section



Scandinavian, wood-aluminium profile jamb cross-section

Naturo slide

Large-size balcony doors

Modern construction solutions make it possible to create large glazed areas and improve building design and interior décor. When opening directly towards the terrace or garden, they make an open space and emphasize an individual style of each interior.

Balcony doors- make it possible to create constructions up to 6 m height where movable sash may comprise a half of this area. The modern fittings system makes an easy and comfortable opening and closing.

Any opening is possible (from a small gap to the full opening) and the sash may be lowered or locked at any position. Doors are provided with a low threshold to provide comfort of use for disabled people.

Balcony accordion doors make for interesting solution where large size doors are required. They offer possibility of window total opening by folding sashes at one or two sides.



Sliding profile

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Exterior doors

We also offer exterior doors in colour matched to windows colour



stone pine	old pine	cypress tree	iroko	chestnut	sipo	framire	sapelli
oak	calvados	walnut	kepmas	afromosia	cherry tree	wenge	acajou



Structural bars
width: 103, 78,
52 mm



Bars applied
on the frame



Bars simulated
divided light
26 mm
with duplex
„Vienna type“



Bars simulated
divided light
26 mm
without duplex



Glazing bead in 3 options:
Squire, round-line, retro

We also offer a wide selection of additional accessories for all Eko-Okna windows. Grilles between the glass are also available at many widths.



Ventilator
- higroregulated ventilators
- pressure ventilators



Hidden fittings
Hidden fittings enhance
design of the window.



Hoppe Secustik branded
handles (Atlanta)
- standard
- with a locking button
- with a key



Wooden sills
We also offer wooden
sills available at many
colours matching the wood.



Wide range of products
over 30 different window and door systems, made of PVC, wood and aluminium



Advanced technology
modern and innovation machine park



Own logistic
fleet of 90 lorries which satisfy the Euro 6 standards, additionally equipped with powered fork-lift truck



Experienced team of 140 experts
We are ready to provide support and assistance at each stage of order processing



Work practices
Flexible delivery service, well motivated staff



Quality standards
The company holds all necessary approvals and certificates, including the ISO 9001 quality management certificate



Stable company
One of the most dynamically developing producers of PVC, aluminium and wood windows and doors in Poland and Europe



Competitive prices
Solid sales growth results enable to provide best prices for our clients

Products PVC-ALU-WOOD Products PVC-ALU-WOOD Products PVC-ALU-WOOD Products PVC-ALU-WOOD Products PVC-ALU-WOOD Products PVC-ALU-WOOD



Contact
Eko-Okna
Spacerowa 4
47-480 Kornice
POLAND