

 **SOKÓŁKA**[®]
OKNA I DRZWI
NATURALLY WOODEN



 **WINFIN**
ФИНСКИЕ ОКНА

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SOKOLKA

Windows with history

From the 16th century onwards, masts of European ships were made of Podlasie-grown pine wood. Unique properties of this material provided them with durability, even in the most adverse conditions. Today, a combination of the best timber and modern technology gives birth to our windows - guaranteeing safety and allowing you to enjoy a natural atmosphere.

Almost 40 years of making woodwork for the needs of Polish homes allowed us to gain an enormous wealth of experience and knowledge. During that time, our products, as well as your requirements, changed many times. In order to meet our Customers' needs, we have introduced innovative production techniques, we open our next showrooms and modernise our management system to meet the requirements of the modern market. While thinking about the future, we never forget tradition. Choosing products of Sokolka Windows and Doors, you decide on a healthy, safe and economical home for generations.

Where we used to be

1972

Establishment of the company



1997

Sokolka changed a name and logo (previous name was Stolbud Sokolka)



1998

Sokolka was the first company in Poland certified to ISO 9001 (from the producers of wooden windows)



Where we are now

2006

Sokolka enters the Inwido Group

INWIDO
Great Windows & Doors

2006 – 2007

Modernization of the company was started – over 14 mln PLN was invested in renovation of production facilities and profound exchange of machine park.



2009 – 2013

The development and introduction to the offer new lines of wood and wood-aluminum windows and lift-slide balcony doors.

2013 – 2014

The development and introduction to the offer new lines of wood and wood-aluminum windows THERMO 80 and wood-aluminum PURO windows.
Implementation of an Environmental Management System in accordance with PN-EN ISO 14001:2005, ensuring the timeliness and compliance with the company's development.



Where we are going...

Our mission is to produce windows that meet the highest expectations of our customers. We also aim to build a brand that will be the first choice for the final customer, the architect and developer in the field of wooden windows and doors.

Our vision is to become the undisputed leader in the consumer market by providing a modern, innovative and environmentally friendly solutions for wood and wood-aluminum windows. We strive for excellence through a strong orientation to customer needs, as well as providing a constant improvement and exploiting the potential of employees.



WHY WOODEN

If you browse through our offer, you will probably become, just like us, enthusiasts of natural materials, eco-friendly solutions and the undeniable charm of wood. However, we will try to answer the question we hear frequently: Why is it worth choosing wooden windows?

Wood is beautiful.

Its beauty consists of numerous factors - structure, unique ring pattern. Wood is pleasant to the touch, and its use increases the aesthetics of the entire building. No timber-like veneer, regardless of quality, can imitate this natural charm.

Wooden windows are much safer

In the case of fire, melting plastic windows release hazardous and toxic substances. Burning wood does not emit such dangerous gases. Thanks to impregnation, wooden windows maintain their load carrying capacity during a fire, until the panes crash, unlike PVC windows which melt.

Wood is close and friendly to humans

For centuries people have been using wood as a building material. There is a reason why we go for a stroll in a park when we want to relax. Wood provides a friendly microclimate, absorbing excess moisture from the outside, and “giving it back” when necessary.

Wood is a truly eco-friendly material

Wooden windows can be almost 100% recycled. Wood can be used as fuel for heating, or as material for production of chipboards. After melting, glass and aluminium can be reused for production. Even if not reused, wood will undergo natural biodegradation. PVC does not undergo natural decomposition. Once introduced into the environment, it will stay there forever.

Wooden windows offer very good performance

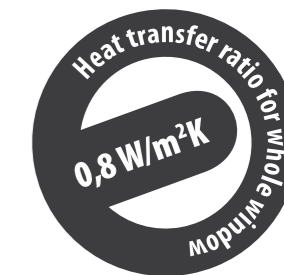
Modern wooden joinery provides very good performance. This is possible thanks to numerous design features in the construction and glazing. Heat loss for the entire window at $U_w = 0.64 \text{ W/m}^2\text{K}$, available in our company's product range, guarantees an insulation level required in the most energy - efficient housing type - passive.

Wooden windows mean greater flexibility

Unusually-shaped windows are often made of wood, as it has higher structural rigidity. Thanks to this, wooden windows in unusual shapes can have virtually any dimensions, limited only by the size of glazing units available in the market, and the strength of the fittings. This allows us to make, for example, arched balcony doors.

Wood can be renovated

Throughout decades of window use, wood can be repainted many times in order to match it to the current interior and facade colours. This is not feasible in the case of PVC windows. Moreover, in the case of minor damage or scratches, a wooden frame is easy to fix at a low cost, while a damaged plastic window stays damaged until it is replaced entirely.



NATURALLY ENERGY-EFFICIENT

Energy-efficient wooden ELITE 92 windows are a product which is not only a perfect choice for those who want natural, wooden, energy-saving windows, but also one to emphasise the character of every interior. Thanks to modern technological solutions, they combine comfort, superb design and excellent functional properties. The energy efficiency of the ELITE 92 wooden windows is also a result of their modern construction. An innovative and unique solution is to use two groove gaskets, an edge gasket, and a gasket on the contact surface between the thermal drip cap and the window frame. ELITE 92 windows are a solution to problems of rising heating bills and outside noise.



frame 92 mm



laminated sections



trickle ventilation



triple glazing unit



energy efficiency



sound absorbing



highest quality



carefully selected wood



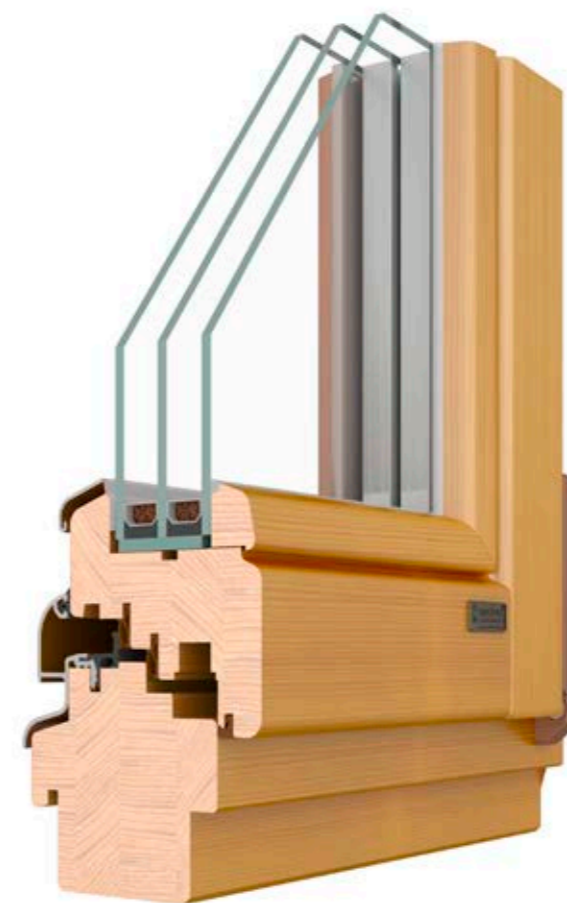
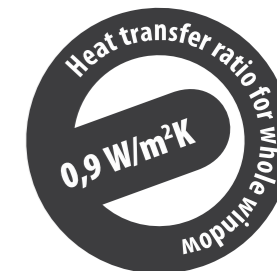
modern design



NATURALLY FAVORABLE

We decided to introduce to our offer windows with frame thickness of 80 mm because we believe that this is the solution of the future.

THERMO 80 is a modern product line, in which an increased thickness of the frame with innovative glazing system creates an ideal product for people who want to have energy efficient windows at an affordable price. Carefully selected wood and modern design not only adds the charm but also meets the most demanding expectations.



trickle ventilation



laminated sections



frame 80 mm



triple glazing unit



energy efficiency



highest quality



carefully selected wood



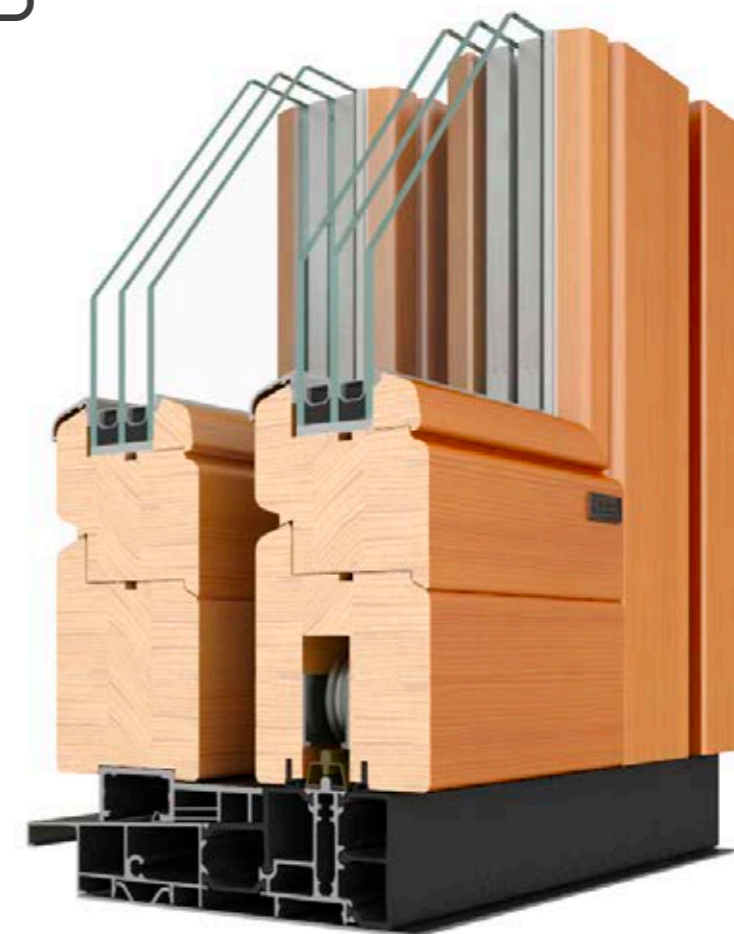
modern design



NATURALLY SPACIOUS

Do you dream about a special doorway which will lead you straight into the world of nature? Do you want to be surrounded with natural light and fresh air? Energy-saving THERMO HS, sliding doors, leading to the garden or balcony, are the best way to find yourself close to nature while staying at home, and the possibility of using much larger dimensions than in traditional windows enhances the impression of “open space” – light-filled interiors become bright, increasing the comfort of the home.

The structure of THERMO HS uniquely highlights architectural features and increases the quality of the home. This principle applies particularly in the case of using a fully-automatic drive, which reliably takes care of bolting and unbolting of windows, and the desired position can be conveniently set using a remote control, or numeric keys placed on the handle.



highest quality



modern design



modern technology



automatic control



carefully selected wood



triple glazing unit



energy efficiency



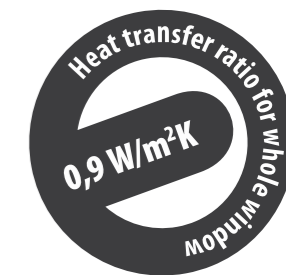
NATURALLY MODERN

The new line of Puro windows is an innovative in the form of wooden-aluminum windows. They combine a lot of advantages, to which customers pay attention while choosing window joinery. They are characterized by a straight line of aluminum profiles - this is a very stylish and simultaneously modern design aimed at customers who value innovative solutions. The shape of the wooden profiles deserves special attention. Straight lines and sharp shapes, in the spirit of minimalist design, emphasize the strong and pioneering nature of PURO windows.

Deciding to purchase the Puro windows, the customer receives joinery which is functional, safe and elegant. The Puro line completely deserves the title of an exclusive product, with extraordinary utility values and perfectly executed.



News



durable



triple glazing unit



energy efficiency



sound absorbing



highest quality



carefully selected wood

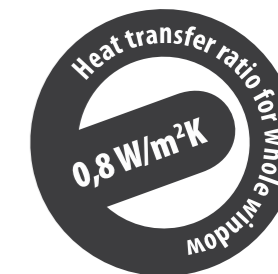


modern design



NATURALLY ENERGY-EFFICIENT

ELITE92 ALU windows are a perfect combination of design, noble materials and modern technology; they are the most ideal version of wooden-aluminium windows. A 92mm-thick wooden frame significantly influences the insulation value of the window, and an additional aluminium cladding protects the wood on the outside. Energy-efficient wooden-aluminium ELITE92 ALU windows are designed for the most demanding customers, who expect a product to provide not only timeless design, the best materials, safety and excellent thermal performance, but also, and perhaps most important, durability and resistance for years.



durable



frame 92 mm



laminated
 sections



triple glazing
 unit



energy
 efficiency



sound
 absorbing



highest quality



carefully
 selected wood

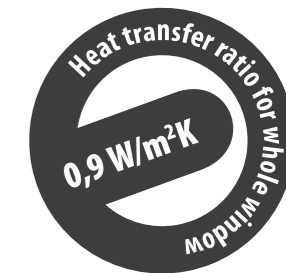


modern design



NATURALLY DURABLE

The wood-aluminum windows combine the natural beauty of wood with extraordinary durability of aluminum. This combination guarantees exceptional durability of the window even in the harshest weather conditions such as coastal climate and big cities polluted air. The wooden frame with a graceful, delicately rounded shape from the elevation side is protected by an aluminum cap, which is not only an excellent protection for wood but also additional decoration of the facade.



trickle ventilation



laminated sections



frame 80 mm



triple glazing unit



energy efficiency



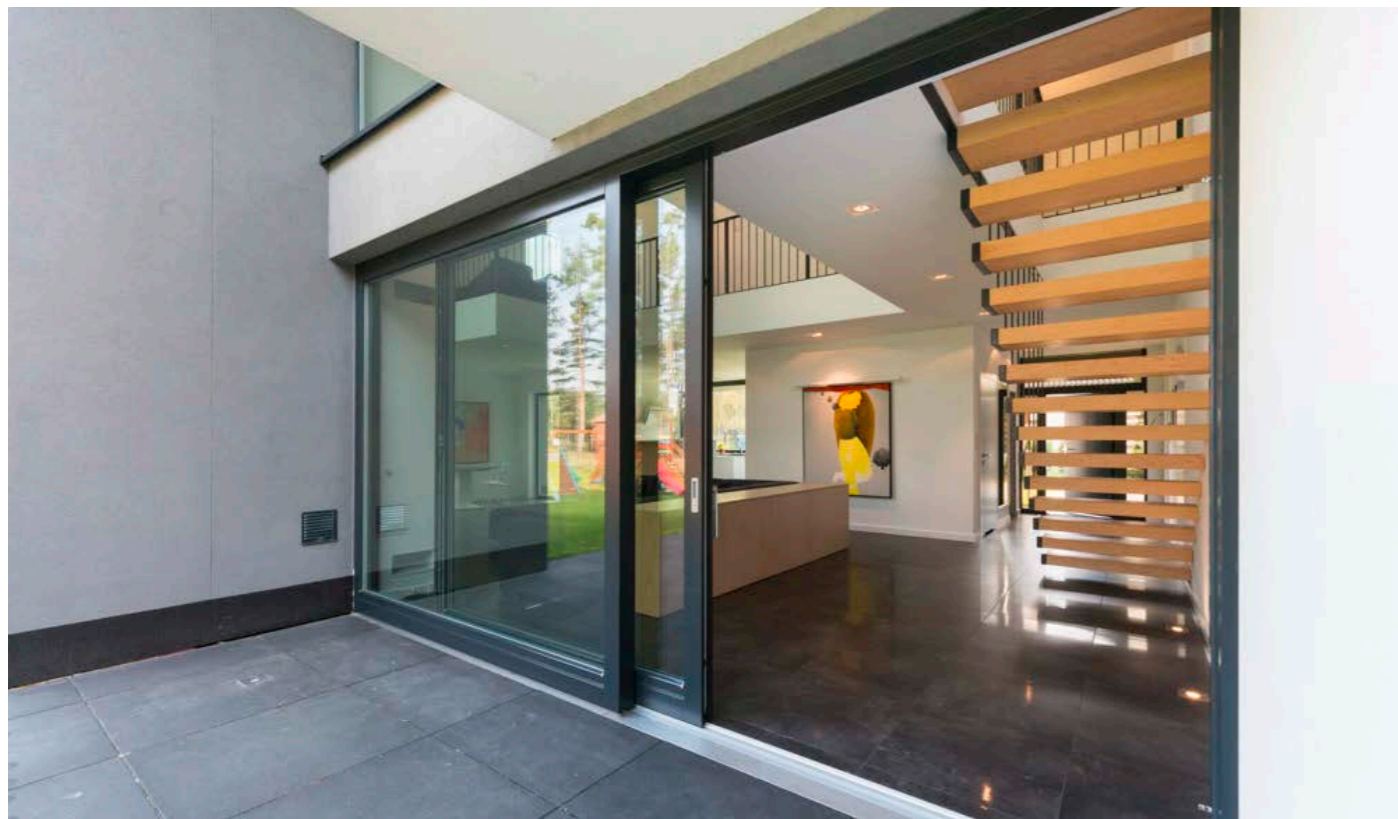
highest quality



carefully selected wood



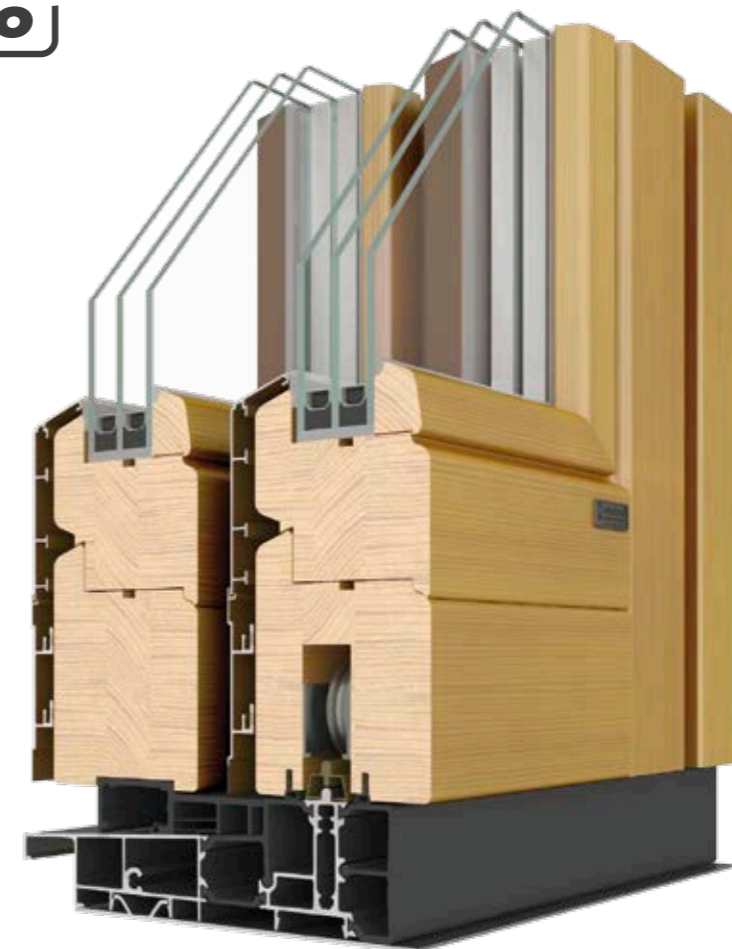
modern design

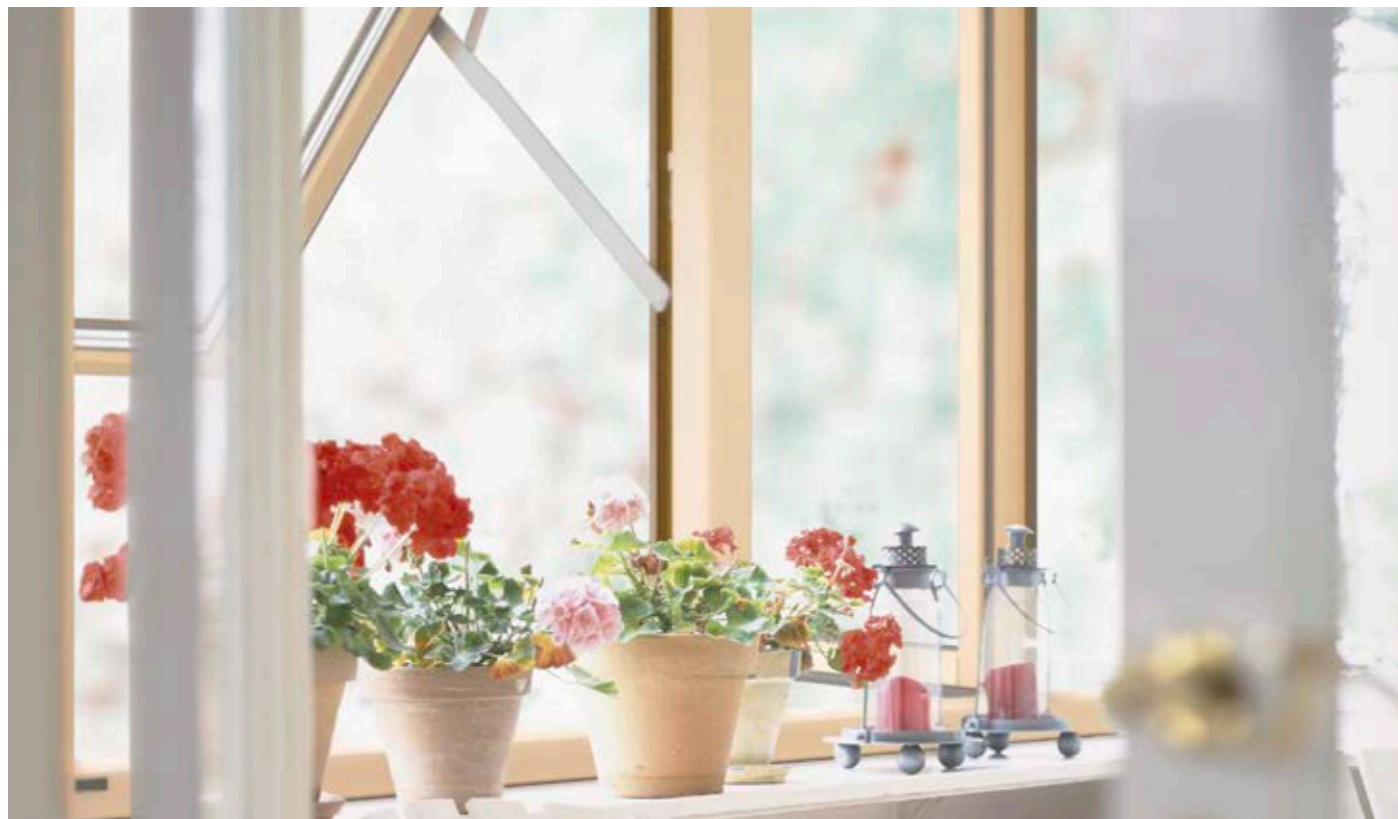


NATURALLY INNOVATIVE

People who build, renovate or extend their houses know that their choices regarding windows and doors will significantly influence the appearance of the entire building. Energy-efficient THERMO HS ALU lift-slide balcony doors are fitted with an aluminium cladding on the facade side, which protects wooden window frames against the harmful effects of atmospheric conditions.

A key advantage of the lift-slide balcony doors is their function and durability. The design solutions that are used allow very large glazing, which exceptionally emphasises architectural features. When closed, the doors look beautiful and let in a lot of light. Open doors don't take up a lot of space inside, as one leaf slides parallel to the other. This system guarantees comfortable and quiet use while using minimum force, and the low threshold is an almost flat passageway from inside to outside and creates space without architectural barriers - a very simple solution intended to provide more comfort, or used to adapt the house to the needs of the disabled.



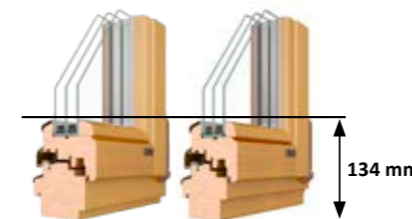
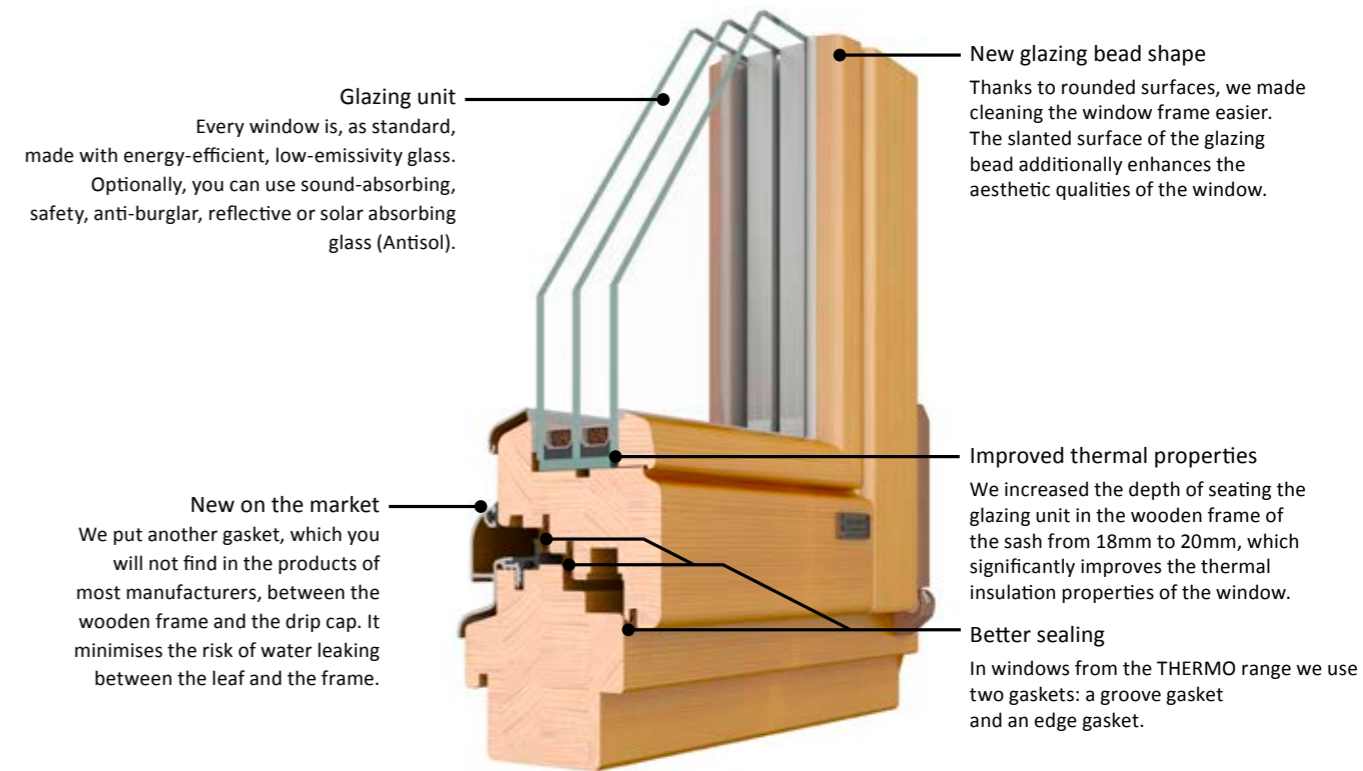
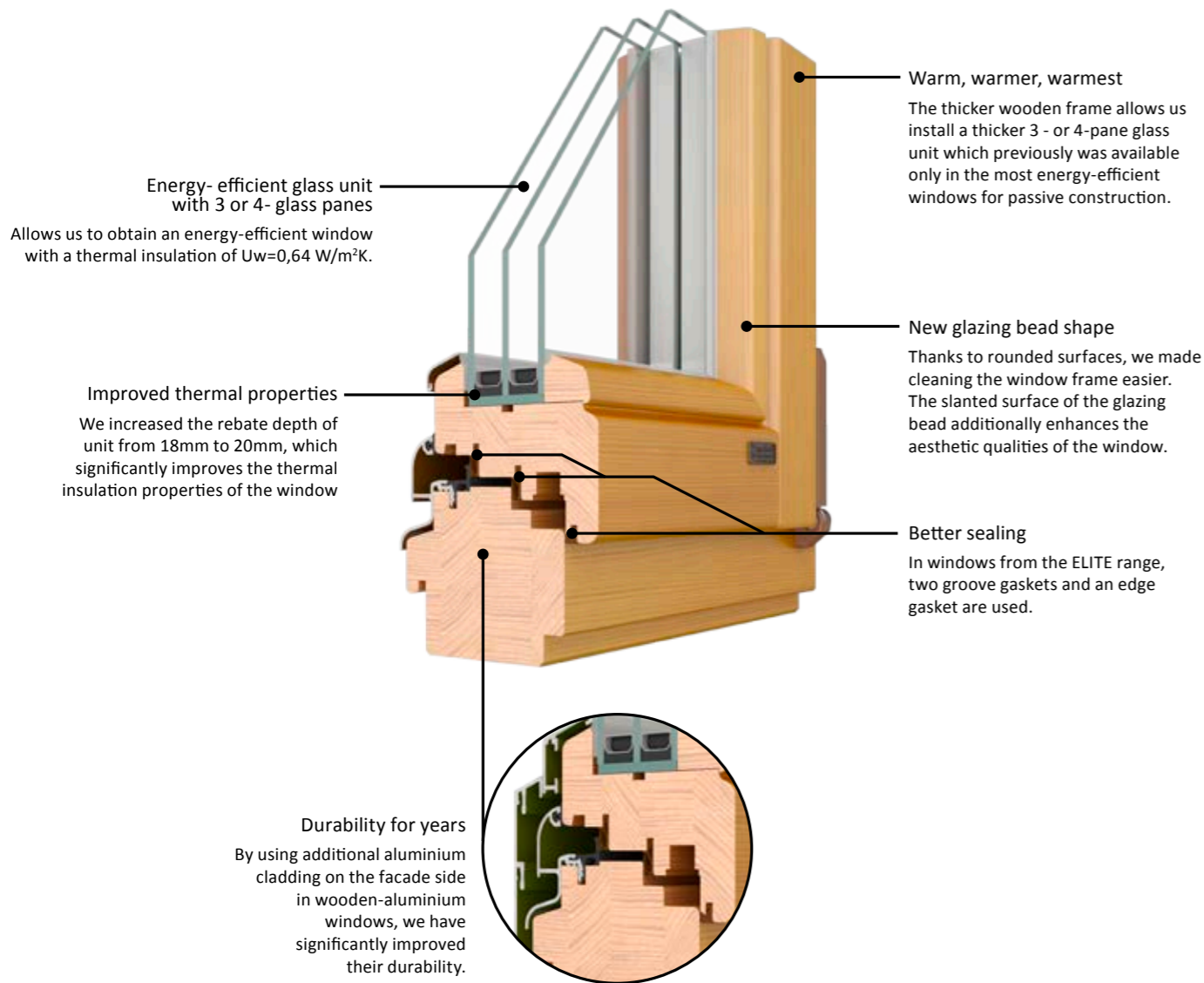


NATURALLY COMFORTABLE

Scandinavian COMBI ALU + windows differ from typical European windows in that they open outwards. This construction significantly increases the function of the windows. First of all, it is a result of adapting to the harsh, Scandinavian climate, where windows are exposed to flurries of gusting wind. This design uses the wind force to increase the sash pressure against the frame, which increases tightness of the window. The structure of the Scandinavian windows is also a perfect solution for small rooms, allowing to freely open the windows and to use the space around them, without the need to open curtains or move items on the windowsill before opening the window. Wooden-aluminium COMBI ALU + windows are a perfect product for those who value elegance, simplicity and timeless style, combined with high quality and function.



NATURALLY INNOVATIVE

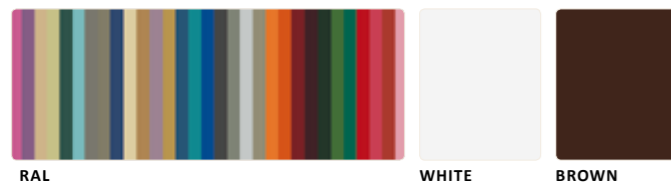


■ Save at every step

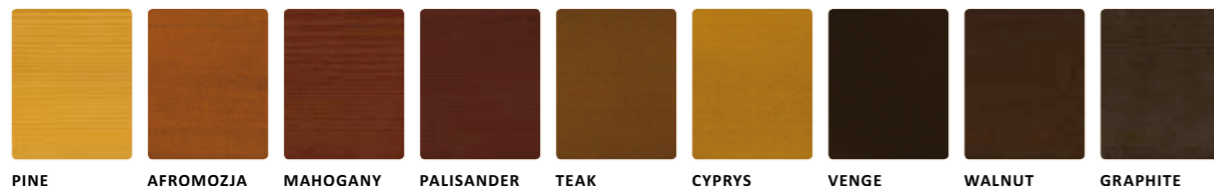
Wooden and wooden-aluminium windows from the THERMO and ELITE lines have a uniform profile height. It allows the installation of windows with higher thermal insulation in that part of the building which is exposed to greater heat losses (e.g. the northern facade), and windows with lower performance e.g. on the southern facade, in the garage or basement. Different types of windows will be indistinguishable, even within one room. This will allow you to reduce the joinery costs, without compromising the aesthetic qualities of the building.

COLOURS

All colours from the RAL palette



Pine



Meranti*



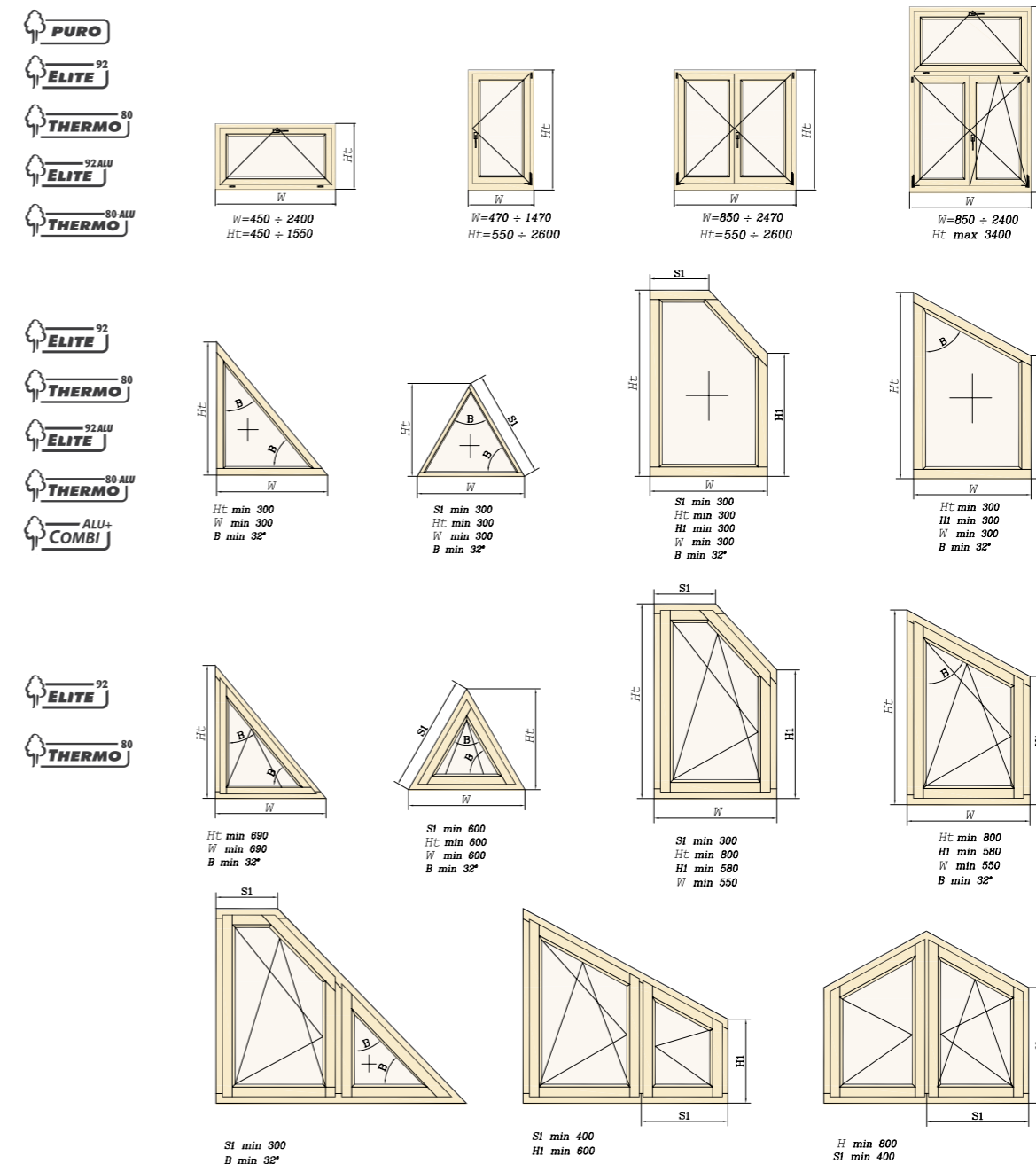
*not available for line of the Thermo80 windows

Oak



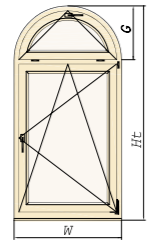
Wood is a natural material, which is why there may be differences in the grain structure (wood pattern) and depth of colour of individual elements. Colour variations occurring in wooden products are not a defect and result from the diversified timber structure, for which the manufacturer is not liable.

WINDOW SIZE RANGE

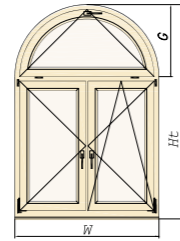


WINDOW SIZE RANGE

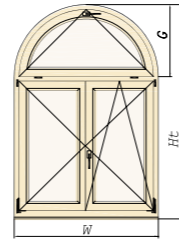
ELITE 92 THERMO 80



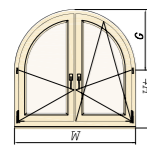
$W=580 \div 1480$
 $Ht=G+580 \div G+2600$
 $G=1/2W$



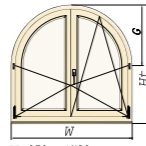
$W=900 \div 1780$
 $Ht=G+590 \div G+2600$
 $G=1/2W$



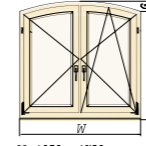
$W=850 \div 1780$
 $Ht=G+620 \div G+2600$
 $G=1/2W$



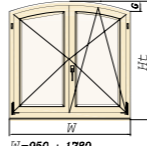
$W=1050 \div 1780$
 $Ht=G+590 \div 1900$
 $G=1/2W$



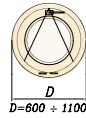
$W=950 \div 1780$
 $Ht=G+590 \div 1900$
 $G=1/2W$



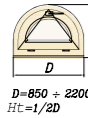
$W=1050 \div 1780$
 $Ht=G+590 \div 1900$
 $80mm < G < 1/2W$



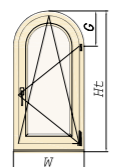
$W=950 \div 1780$
 $Ht=G+820 \div 1900$
 $80mm < G < 1/2W$



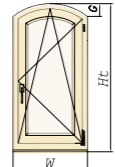
$D=600 \div 1100$



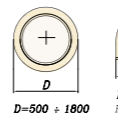
$D=850 \div 2200$
 $Ht=1/2D$



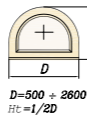
$W=580 \div 1200$
 $Ht=G+580 \div 1900$
 $G=1/2W$



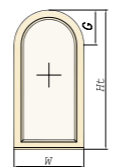
$W=530 \div 1300$
 $Ht \min G+780$
 $80mm < G < 1/2W$



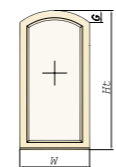
$D=500 \div 1800$



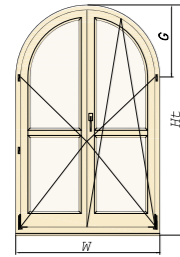
$D=500 \div 2600$
 $Ht=1/2D$



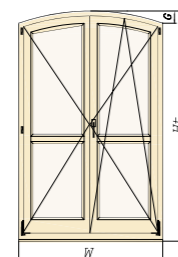
$W=500 \div 2600$
 $Ht=G+250 \div 2600$
 $G=1/2W$



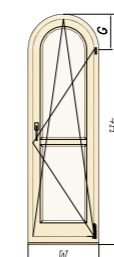
$W=450 \div 2600$
 $Ht=G+350 \div 2600$
 $80mm < G < 1/2W$



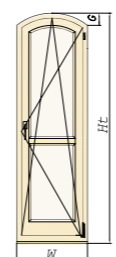
$W=1480 \div 1780$
 $Ht \max 2600$
 $G=1/2W$



$W=1480 \div 1780$
 $Ht \max 2600$
 $80mm < G < 1/2W$



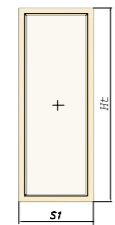
$W=580$
 $Ht \max 2600$
 $G=1/2W$



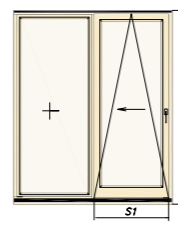
$W=580$
 $Ht \max 2600$
 $80mm < G < 1/2W$

ELITE 92 THERMO 80

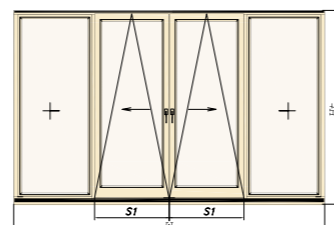
ELITE 92 ALU THERMO 80 ALU



$W=300 \div 2500$
 $Ht=300 \div 2500$

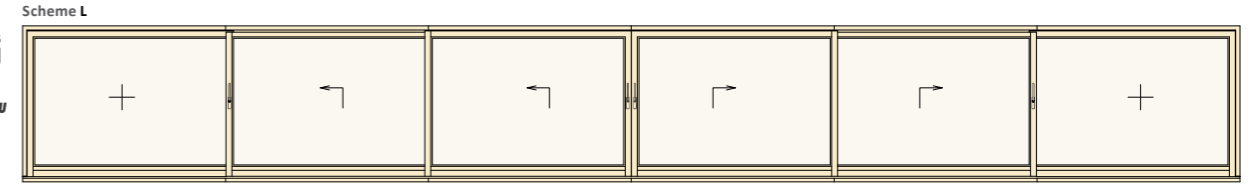


$S1=650 \div 1680$
 $Ht=1030 \div 2580$



$W \max=3400$
 $S1=650 \div 1680$
 $Ht=1950 \div 2580$

HS THERMO HS ALU THERMO

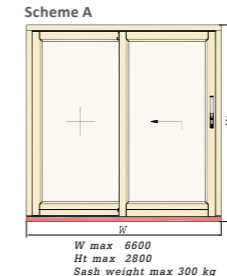


$W \max 19800$
 $Ht \max 2800$
 $Sash \text{ weight } \max 300 \text{ kg}$

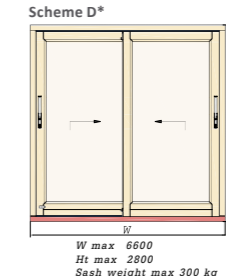
HS THERMO HS ALU THERMO



$W \max 3400$
 $Ht \max 2800$

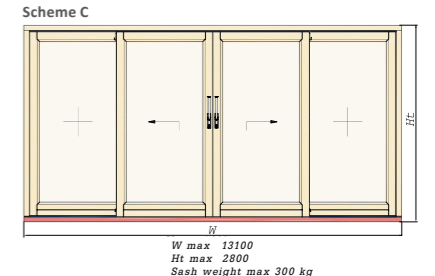


$W \max 6600$
 $Ht \max 2800$
 $Sash \text{ weight } \max 300 \text{ kg}$

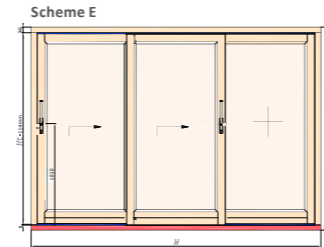


$W \max 6600$
 $Ht \max 2800$
 $Sash \text{ weight } \max 300 \text{ kg}$

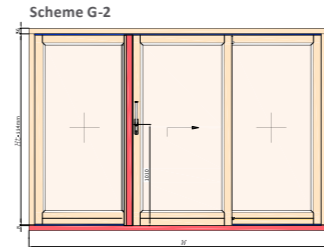
*not available in THERMO HS ALU



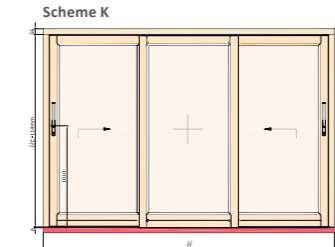
$W \max 13100$
 $Ht \max 2800$
 $Sash \text{ weight } \max 300 \text{ kg}$



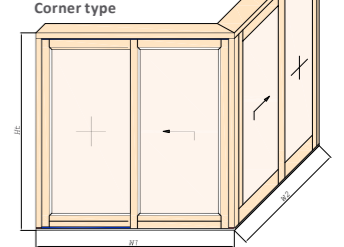
$W \max 9900$
 $Ht \max 2800$
 $Sash \text{ weight } \max 300 \text{ kg}$



$W \max 10000$
 $Ht \max 2800$
 $Sash \text{ weight } \max 300 \text{ kg}$

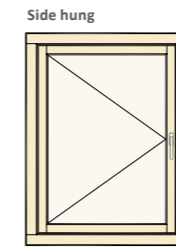


$W \max 10000$
 $Ht \max 2800$
 $Sash \text{ weight } \max 300 \text{ kg}$

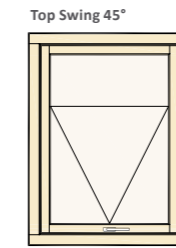


$W1, W2 \max 6600$
 $Ht \max 2800$
 $Sash \text{ weight } \max 300 \text{ kg}$

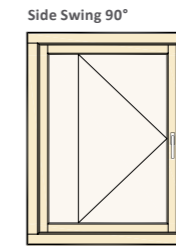
ALU+ COMBI



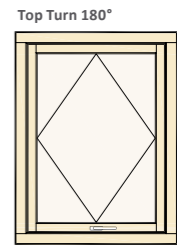
$W=400 \div 1140$
 $Ht=580 \div 1670$



$W=440 \div 1670$
 $Ht=420 \div 1670$






$W=440 \div 970$
 $Ht=580 \div 1670$








$W=540 \div 1670$
 $Ht=550 \div 1600$

TECHNICAL PARAMETERS

| SYSTEMS | Frame thickness | Opening functions | Panes | |
|---|--|--|-------------------------------------|-------------------------------------|
| | | | 4TP/18Ar/4/18Ar/4TP Ug=0,5 W/m²K | 4TP/14Ar/4/14Ar/4TP Ug=0,6 W/m²K |
| Wooden windows | | | | |
| ELITE 92  | 92mm | R, RU, U, UR, R-R, R-RU, R-UR, UP, FIX | x | - |
| THERMO 80  | 80mm | | - | x |
| THERMO HS  | frame 188mm (the E schema 296 mm), leaf 80mm | A, C, D, E, K, G-2, corner type with flying mullion, FIX | - | x |

Wooden-aluminium windows

| | | | | |
|---|--|---|---|---|
| PURO  | 78mm | R, RU,U,UR, R-R, R-RU, R-UR, FIX | x | - |
| ELITE 92 ALU  | 92mm (103,5mm with an alu cover plate) | R,RU,U, UR, R-R, R-RU, R-UR UP, FIX SYSTEMY | x | - |
| THERMO 80 ALU  | 80mm (91,5mm with an alu cover plate) | | - | x |
| THERMO HS ALU  | frame 206mm (the E schema 314 mm), leaf 91,5mm | A, C, E, K, G-2, corner type with flying mullion, FIX | - | x |
| COMBI ALU +  | 115mm | SH, SS90 TS45, TT180, FIX | - | x |

R – side-hinged
RU – tilt-and-turn
U – tilting
UR – turn-and-tilt

R-R – turn-and-turn
R-RU – turn-and-tilt-and-turn
R-UR – tilt-and-turn-and-turn
UP – tilt-and-slide

FIX – glazing in the frame, all sections fixed
SH – Side Hung
SS90 – Side Swing 90°
TS45 – Top Swing 45°

| Window thermal insulation rating Uw | | | Acoustic insulation rating Rw | | Equipment | |
|-------------------------------------|------|---------|-------------------------------|---------|--|--|
| pine | oak | meranti | standard | option | Standard equipment | Optional equipment |
| 0,8 | 0,88 | 0,85 | 33 dB | do 41dB | handles, micro-tilt, anti-burglar catch in UR sash, thermal drip cap and drip cap covering the sill of the window leaf, glazing unit with the Thermix Warm Edge Spacer, handle rotation lock | mullions and transoms, various types of glazing bars, trickle vents. |
| 0,9 | 0,99 | 0,94 | 32 dB | | | |
| 0,9 | 1,00 | 0,97 | 34 dB | | Inside handle, inside pull, glazing unit with the Thermix Warm Edge Spacer, handle rotation lock | automatic, remote-controlled drive, mullions and transoms, various types of glazing bars, double handle and cylinder lock. |
| 0,9 | - | - | 32dB | do 41dB | aluminum cladding from the elevation side, handles, micro-ventilation, anti-burglar keep in the Tilt and Turn sash, glazing unit with warm edge, anti-turning blockade of the handle | Bars, various types of glazing sets, vents |
| 0,8 | 0,88 | 0,85 | 33 dB | | aluminium cladding on the outside, handles, micro-tilt, thermal drip cap, anti-burglar catch in the UR leaf, glazing unit with the Thermix Warm Edge Spacer, handle rotation lock | mullions and transoms, various types of glazing bars and infill panels, trickle vents |
| 0,9 | 0,99 | 0,94 | 32 dB | | aluminium cladding on the outside, inside handle, outside pull, glazing unit with the Thermix Warm Edge Spacer | automatic, remote-controlled drive, mullions and transoms, various types of glazing bars, cylinder lock |
| 1,0 | 1,9 | 1,05 | 32 dB | do 40dB | aluminium cladding on the outside, handles, glazing unit with the Thermix Warm Edge Spacer | mullions and transoms, various types of glazing bars and infill panels, trickle vents |

TT180 – Top Turn 180°
A – double-leaf - one section fixed, one sliding
D – double-leaf – two sections sliding
C – quadruple-leaf – two outer sections fixed, two middle sections sliding

FIX – all sections fixed

OUR PROJECTS





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