

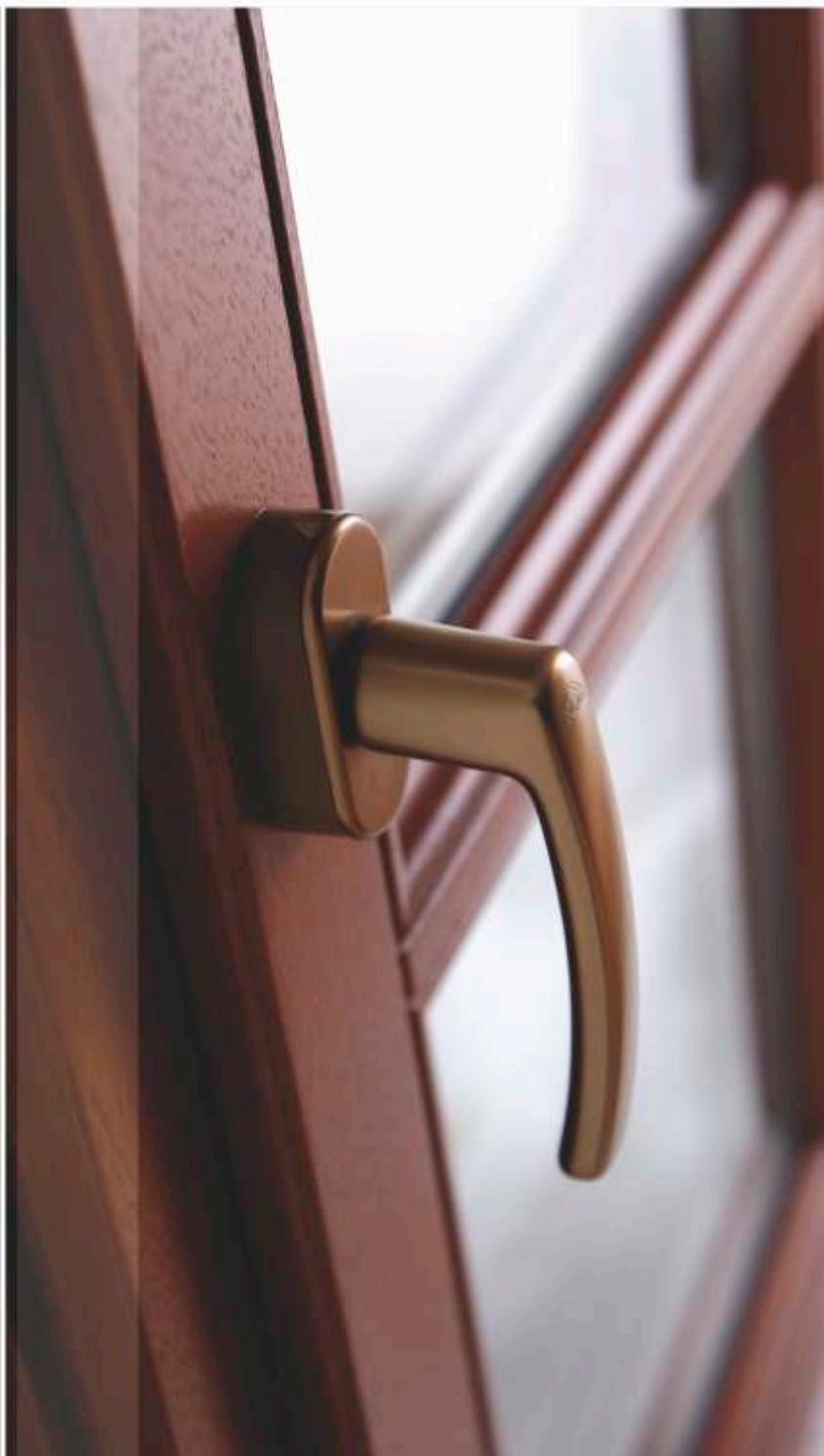


Our offer includes modern wooden windows and doors presenting high quality, functionality and aesthetic properties, which meet the most important contemporary requirements, as well as the applicable European standards. VIDOK joinery products hold all necessary certificates and their quality is tested in accredited laboratories. The special features of our wooden windows include stability, durability and resistance to deformations.

Depending on customer needs, we can offer various structural solutions with the option of improved burglar-proofing, thermal insulation or sound suppression. Especially for the contemporary energy saving construction sector we have developed Ergo line windows with improved insulating parameters. An innovative solution is joinery based on the integration of wood and aluminium, which shows much higher resistance to the effects of weather and superior technical/functional parameters, as compared to wooden windows. The system combines the natural warm look of wood with the modern design quality of aluminium.

As for the range of styles and designs, we manufacture wooden profiles in three different lines: Softline - rounded profile shapes, Retro line - developed for historical and old buildings or Klasik line - modern design. Additionally, in order to obtain a unique architectural effect, the windows can be provided with structural, internal, glued or decorative grid mullions.

Apart from the classic shapes of windows, modern architecture more and more often requires the use of non-standard or asymmetrical forms, hence, we are prepared to manufacture wooden windows with customized shapes, e.g. trimmed to arches, circles, ellipses, triangles, trapezoids or slopes.



wooden window systems

# Optima 68

**CONSTRUCTION:** single-frame window - thickness of sash and frame 68 mm, pine wood with longitudinal gluing or solid layers, meranti with solid wood layers.

**PRODUCT LINES:** Softline, Clasik, Retro.

**FRAME AND SASH MATERIAL:** selected wood with the required moisture content, layers glued with a water-resistant glue (class D4), high resistance to temperature variations and excellent mechanical performance.

**FINISH:** four-coat painting system used for windows - impregnating as a separate process, three coats of paint applied with the airless spray method using environmentally friendly water-based paints by SIGMA – transparent or opaque.

**COLOURS:** transparent (to show the natural wood structure) or opaque acc. to RAL palette.

**GLAZING:** 24 mm thick double glazing unit, low emission glass and argon-filled cavity (thermal insulation  $U_g \leq 1,0$  W/m<sup>2</sup>K, acoustic insulation  $R_w = 31$  (-2;-5) dB); optional safe glass, burglar-proof glass (P2 or P4), ornamental glass, etc.

**HARDWARE:** peripheral Roto NT fittings with improved anti-corrosion protection and two burglar-proof catches, safety lock and micro-ventilation. It is possible to install additional options, e.g.: adjustable brake-stay, ventilation-stay, Secustik® and key-secured handles, Designo fittings with concealed hinges, Tilt First type safe fittings for children rooms and WK1 or WK2 class burglar-proof hardware.

**SEALING:** replaceable gasket installed in the sash, made of thermoplastic TPE resistant to weather conditions, option - additional gasket for sound-proofing.

**DRIP CAP AND TRIM:** window framing drip cap and aluminium trim protecting the sash against rainwater, with a durable design, resistance to corrosion and mechanical damage; available colours for the drip cap and trim varnish - white, brown, olive, golden or an optional custom colour selected from the RAL palette; no trim in Retro line.

**MULLIONS:** structural, glued on (additional Vienna mullion version - with set screws imitating natural division), decorative or internal.

**ADDITIONAL WINDOW ACCESSORIES:** handles and hinge covers available in a few selectable colours, ventilation air inlets, mosquito screens, roller blinds, Venetian blinds, etc.



## Technical data for OPTIMA 68 System - wood window

Air permeability	Class 4
Water tightness	Class 8A
Wind load resistance	Class C4
Load carrying capacity of security devices	350 N threshold value
Thermal insulation (window 1,23 m x 1,48 m)	$U_w$ (W/m <sup>2</sup> K) = 1,4
Window sound insulation	$R_w = 32$ (-1;-5) dB
Light transmittance (Lt)	80%
Solar radiation (g)	61%

Hygienic certificate: HK/B/0442/01/2011

Declaration no: CE 4/2011 according to EN 14351-1+A1:2010



# Prestige 78

**CONSTRUCTION:** single-frame window - thickness of sash and frame 78 mm, pine wood with longitudinal joining or solid layers, meranti with solid wood layers.

**PRODUCT LINES:** Softline, Clasik, Retro.

**FRAME AND SASH MATERIAL:** selected wood with the required moisture content, layers glued with a water-resistant glue (class D4), high resistance to temperature variations and excellent mechanical performance.

**FINISH:** four-coat painting system used for windows - impregnating as a separate process, three coats of paint applied with the airless spray method using environmentally friendly water-based paints by SIGMA - transparent or opaque.

**COLOURS:** transparent (to show the natural wood structure) or opaque acc. to RAL palette.

**GLAZING:** double glazed unit with thickness ranging from 24 to 28 mm, low emission glass and argon-filled cavity (thermal insulation  $U_g \leq 0,6 \text{ W/m}^2 \text{ K}$ , acoustic insulation  $R_w = 32 (-1;-4) \text{ dB}$ ); optional triple glazed unit with maximum thickness of 40 mm, safe glass, burglar-proof glass (P2 or P4), ornamental glass, etc.

**HARDWARE:** peripheral Roto NT fittings with improved anti-corrosion protection and two burglar-proof catches, safety lock and micro-ventilation. It is possible to install additional options, e.g.: adjustable brake-stay, ventilation-stay, Secustik® and key-secured handles, Designo fittings with concealed hinges, Tilt First type safe fittings for children rooms and WK1 or WK2 class burglar-proof hardware.

**SEALING:** three replaceable gaskets installed in the sash, made of weather-resistant thermoplastic elastomer (TPE); the Retro line includes only two gaskets.

**DRIP CAP AND TRIM:** window framing drip cap and aluminium trim protecting the sash against rainwater, with a durable design, resistance to corrosion and mechanical damage; available colours for the drip cap and trim varnish - white, brown, olive, golden or an optional custom colour selected from the RAL palette; no trim in Retro line.

**MULLIONS:** structural, glued on (additional Vienna mullion version - with set screws imitating natural division), decorative or internal.

**ADDITIONAL WINDOW ACCESSORIES:** handles and hinge covers available in a few selectable colours, ventilation air inlets, mosquito screens, roller blinds, Venetian blinds, etc.



## Technical data for PRESTIGE 78 System - wood window

Air permeability	Class 4
Water tightness	Class 8A
Wind load resistance	Class C4
Load carrying capacity of security devices	350 N threshold value
Thermal insulation (window 1,23 m x 1,48 m)	$U_w \text{ (W/m}^2\text{K)} = 1,35$
Window sound insulation	$R_w = 32 (-1;-5) \text{ dB}$
Light transmittance (Lt)	80%
Solar radiation (g)	61%

Hygienic certificate: HK/B/0442/01/2011

Declaration no: CE 4/2011 according to EN 14351-1+A1:2010



# EnergO 90

**CONSTRUCTION:** single-frame window - thickness of sash and frame 90 mm, pine wood with longitudinal joining or solid layers, meranti with solid wood layers.

**PRODUCT LINES:** Softline, Clasik, Retro.

**FRAME AND SASH MATERIAL:** selected wood with the required moisture content, plies glued with a water-resistant glue (class D4), high resistance to temperature variations and excellent mechanical performance.

**FINISH:** four-coat painting system used for windows - impregnating as a separate process, three coats of paint applied with the airless spray method using environmentally friendly water-based paints by SIGMA - transparent or opaque.

**COLOURS:** transparent (to show the natural wood structure) or opaque acc. to RAL palette.

**GLAZING:** 40 mm triple glazing unit, low emission glass and argon-filled cavity (thermal insulation  $U_g \leq 0,6 \text{ W/m}^2 \text{ K}$ , acoustic insulation  $R_w = 32 (-1;-4) \text{ dB}$ ); optional triple glazed unit with maximum thickness of 50 mm, safe glass, burglar-proof glass (P2 or P4), ornamental glass, etc.

**HARDWARE:** peripheral Roto NT fittings with improved anti-corrosion protection and two burglar-proof catches, safety lock and micro-ventilation. It is possible to install additional options, e.g.: adjustable brake-stay, ventilation-stay, Secustik® and key-secured handles, Designo fittings with concealed hinges, Tilt First type safe fittings for children rooms and WK1 or WK2 class burglar-proof hardware.

**SEALING:** three replaceable gaskets in the sash (Softline and Clasik), made of weather-resistant thermoplastic elastomer (TPE); the Retro line includes only two gaskets.

**DRIP CAP AND TRIM:** window framing drip cap and aluminium trim protecting the sash against rainwater, with a durable design, resistance to corrosion and mechanical damage; available colours for drip cap and trim varnish - white, brown, olive, golden or optional custom colour selected from the RAL palette; no trim in Retro line.

**MULLIONS:** structural, glued on (additional Vienna mullion version - with set screws imitating natural division), decorative or internal.

**ADDITIONAL WINDOW ACCESSORIES:** handles and hinge covers available in a few selectable colours, ventilation air inlets, mosquito screens, roller blinds, Venetian blinds, etc.



## Technical data for ENERGO 90 System - wood window

Air permeability	Class 4
Water tightness	Class E900
Wind load resistance	Class C5
Load carrying capacity of security devices	350 N threshold value
Thermal insulation (window 1,23 m x 1,48 m)	$U_w \text{ (W/m}^2\text{K)} = 0,98$
Window sound insulation	$R_w = 34 (-1;-4) \text{ dB}$
Light transmittance (Lt)	71%
Solar radiation (g)	50%

Hygienic certificate: HK/B/0442/01/2011

Declaration no: CE 6/2011 according to EN 14351-1+A1:2010



# wood & aluminium windows

**CONSTRUCTION:** based on the combination of two frames - wooden and aluminium one, 93 mm thick window casing.

**FRAME AND SASH MATERIAL:** pine wood with longitudinal gluing or solid layers, meranti with solid wood layers; selected wood with adjusted moisture content, layer glued with water-resistant glue (class D4), high resistance to temperature variations and excellent mechanical performance.

**WOODEN PROFILE FINISH:** four-coat painting system used for windows - impregnating as a separate process, three coats of paint applied with the airless spray method using environmentally friendly water-based paints by SIGMA – transparent or opaque (RAL).

**ALUMINIUM PROFILE FINISH:** anodizing or powder coating (acc. to RAL or ALURON palettes) with high resistance to corrosion and mechanical damage, aluminium profiles available in three styling lines - Clasik, Softline and Retro.

**GLAZING:** 44 mm triple glazing unit with low emission glass and argon filling, thermal insulation  $U_g \leq 0,6 \text{ W/m}^2\text{K}$ , acoustic insulation  $R_w = 31 \text{ (-1;-5) dB}$ ; optional safe glass, three-pane glass unit with max. thickness of 50 mm, burglar-proof glass (P2 or P4), ornamental glass, etc.

**HARDWARE:** peripheral Roto NT fittings with improved anti-corrosion protection and two burglar-proof catches, safety lock and micro-ventilation. It is possible to install additional options, e.g.: adjustable brake-stay, ventilation-stay, Secustik® and key-secured handles, Designo fittings with concealed hinges, Tilt First type safe fittings for children rooms and WK1 or WK2 class burglar-proof hardware.

**SEALING:** three replaceable gaskets made of weather-resistant thermoplastic elastomer (TPE).

**MULLIONS:** structural, glued-on or internal.

**ADDITIONAL WINDOW ACCESSORIES:** handles and hinge covers in a few selectable colours, rollers, roller blinds, Venetian blinds, etc.



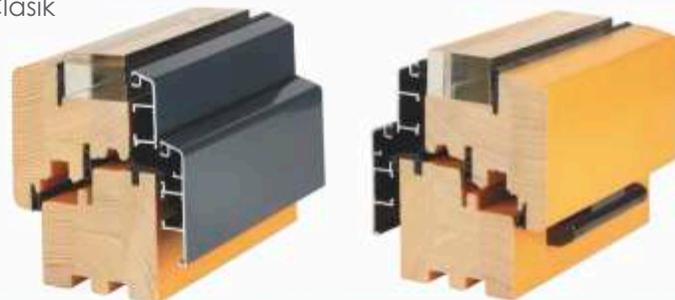
## Technical data for GEMINI System wood-aluminium window:

Air permeability	Class 4
Water tightness	Class E900
Wind load resistance	Class C2/B3
Load carrying capacity of security devices	350 N threshold value
Thermal insulation (window 1,23 m x 1,48 m)	$U_w \text{ (W/m}^2\text{K)} = 1.0$
Window sound insulation	$R_w = 32 \text{ (-1;-5) dB}$
Light transmittance (Lt)	80%
Solar radiation (g)	61%

Declaration no: CE 1/2012 according to EN 14351-1+A1:2010

## STYLES

### Clasik



### Softline



### Retro



# wooden window lines

# standard colours palette

Softline



Clasik



Retro



For wooden window finishing, our company offers a wide range of colours, both transparent and opaque (acc. to RAL). It is also possible to coat the sash and frame in different colours or use different colours on the external and internal sides.



meranti light oak



pine light oak



meranti teak



pine teak



meranti mahogany



pine mahogany



meranti nut



pine sahara



meranti cherry



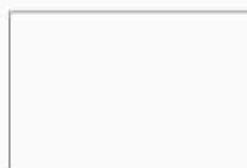
pine cherry



meranti rosewood



pine rosewood



pine solid white



pine solid brown

MANUFACTURER OF PVC, WOODEN AND ALUMINIUM  
WINDOWS AND DOORS

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The palette colours are presented only for informational purposes and can slightly differ from the actual effect.