

We offer you modern and functional PVC windows and doors based on profiles system. PVC is made of the highest quality, five- and six-chamber structure. Window profiles used for production do not contain any lead compounds - only environmentally friendly calcium-zinc stabilizers. Our joinery obtained indispensable certificates and has undergone strict quality tests in numerous accredited research centres in Poland and abroad.

Multi-chamber profile structure in connection with steel internal reinforcements, modern system of gaskets and insulating glass guarantee optimum protection against chill and noise for the window users. Our windows effectively minimise losses of heat in the building, allowing to reduce heat costs significantly. High stability and durability of the structure let us design products of big dimensions, including but not limited to, terrace door, sliding door, winter gardens, shop windows, entrance enclosures, partition walls, lights, etc. A state-of-the-art Roto system of fittings guarantees a fail-safe and comfortable use of the goods for many years. PVC windows are characterised with unbelievable life-span. They are highly resistant to weather conditions and are easy to care.

Depending on investor's individual needs, PVC products are presented in three series: Optima, Prestige and Energo. A sensational solution for the modern energy-efficient building industry are windows of the Energo series of extremely high insulating parameters. On client's request, we make also windows of increased noise reduction or break-in resistance.

With regards to style and design, we recommend you windows of classical type, that is, non-flush windows or semi-flush ones, where the window light gets, together with the frame, a uniform rounded shape. Our windows are perfect both for modern architecture of one- and multi-family buildings, and for the restored buildings. To obtain a unique architectural effect, you may have windows of non-typical shapes (arcs, circles, ellipses, triangles, trapeziums) or you may ornament them with muntins and mullions.



PVC window systems

Optima

... classic and cost-effectiveness

CONSTRUCTION: Vidokline five-chamber profile of the frame width of 70 mm; steel internal reinforcements minimum 1,5 mm thick at the whole length and width of the frame and light guarantee ideal statics and security of windows functioning; due to the thickness of external wall of the profile that is 2,5 mm or more, the system is classified as B class (in line with the quality standard PN-EN 12608); the profile is equipped with drainage holes system.

STYLISTIC LINE: classic, non-flush light with window frame of sloping edges.

COLOURS: white, wooden-like or homogenous veneer in compliance with RAL palette.

GLAZING: double glazing unit 24mm thick with low emission glass and internal cavity filled with argon (heat transfer coefficient $U_g \leq 1.0 \text{ W/m}^2 \text{ K}$, noise reduction $R_w = 31$ (-2;-5) dB); as an option: safety glass, anti-burglary (P2; P4), sound-absorbent, absorbent, reflective, ornamental, etc.; the so called "warm spacer" combining the glass unit with special PVC coating filled with hygroscopic pellets - reducing sweating on windows.

FITTINGS: Roto NT tilt-and-turn window fittings of increased anti-corrosive protection with a mechanism blocking erroneous handle positioning, and with trickle ventilation function; as an option: restricter controlled with a handle, graded tilting function, in a handle, magnetic self-latching bolt to French windows, Secustik® handles or handles with a key, Designo fittings with concealed hinges on the window, Tilt First secure fitting to a nursery and burglar-proof fittings of WK1 and WK2 classes.

GASKETS: two removable gaskets fitted in the light, made of thermoplastic EPDM material resistant to weather conditions (cracking, elastic recoveries, ageing); glazing gaskets help to ensure proper thermal and noise insulation, and their construction (the surface with a 15-degree slope - the same as profiles) allows for draining water and wastes; C-seal and glazing gaskets are in black, grey or "caramel".

MULLIONS: internal cavity, structural bars and mullions, or the ones stuck externally on the window.

ADDITIONAL WINDOW ACCESSORIES: handles and hinge covers in several colours to be selected, air diffusers, mosquito nets, blinds, roller shutters, etc.



Vidokline

Technical data for PVC - OPTIMA system

Air permeability	Class 4
Water tightness	Class E 1050
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 ² K) = 1,3
Window sound insulation	$R_w = 32$ (-1;-5) dB
Light transmittance (Lt)	80%
Solar radiation "g"	61%

Hygienic seal of approval: HK/B/1295/01/2007

Declaration of Compliance CE no. 3/2011 with PN-EN 14351-1+A1:2010

Classification regarding reaction to fire according to EN 13501-1:2007



Prestige

... aesthetics and modernity

CONSTRUCTION: Veka five-chamber profile of the frame width of 70 mm; steel internal reinforcements minimum 1.5mm thick at the whole length and width of the frame and light guarantee ideal statics and security of windows functioning; due to the thickness of external wall of the profile that is 2.8mm or more, the system is classified as of the highest quality – A class (in line with the quality standard PN-EN 12608); the profile is equipped with drainage holes system.

STYLISTIC LINES:

1 Perfectline – classic line, non-flush light with window frame of sloping edges; as an option: decorative glazing bead.

2 Swingline – semi-flush version with strongly rounded light edge and slightly rounded frame edge.

3 Swingline – non-flush version with mildly rounded light and frame edges.

COLOURS: white, wooden-like or homogenous veneer in compliance with RAL palette.

GLAZING: double glazing unit 24mm thick with low emission glass and internal cavity filled with argon (heat transfer coefficient $U_g \leq 1.0 \text{ W/m}^2 \text{ K}$, noise reduction $R_w = 31 \text{ (-2;-5) dB}$); as an option: safety glass, anti-burglary (P2; P4), sound-absorbent, absorbent, reflective, ornamental, etc.; the so called "warm spacer" combining the glass unit with special PVC coating filled with hygroscopic pellets - reducing sweating on windows.

FITTINGS: Roto NT tilt-and-turn window fittings of increased anti-corrosive protection with a mechanism blocking erroneous handle positioning, and with trickle ventilation function; as an option: restricter controlled with a handle, graded tilting function, in a handle, magnetic self-latching bolt to French windows, Secustik® handles or handles with a key, Designo fittings with concealed hinges on the window, Tilt First secure fitting to a nursery and burglar-proof fittings of WK1 and WK2 classes.

GASKETS: two removable gaskets fitted in the light, made of thermoplastic EPDM material resistant to weather conditions (cracking, elastic recoveries, ageing); glazing gaskets help to ensure proper thermal and noise insulation, and their construction (the surface with a 15-degree slope – the same as profiles) allows for draining water and wastes; C-seal and glazing gaskets are in black, grey or "caramel".

MULLIONS: internal cavity, structural bars and mullions, or the ones stuck externally on the window.

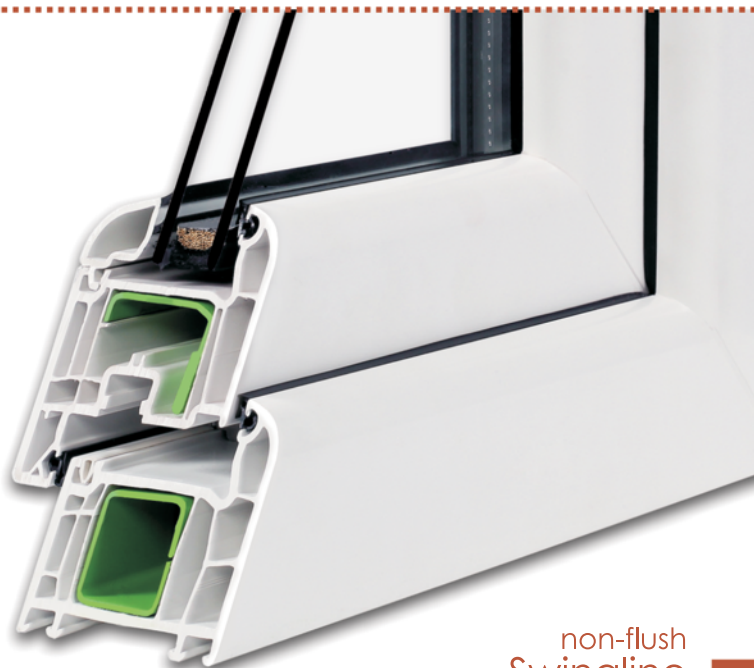
ADDITIONAL WINDOW ACCESSORIES: handles and hinge covers in several colours to be selected, air diffusers, mosquito nets, blinds, roller shutters, etc.



Perfectline 1



semi-flush
Swingline 2



non-flush
Swingline 3



A window with noticeable hinges.



Hidden Roto NT Designo hinges.

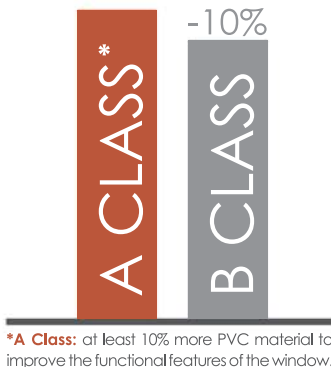
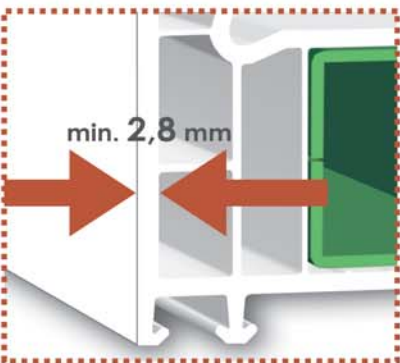


The profile with a decorative glazing bead and grey gaskets.



The profile with standard glazing bead and "caramel" gaskets.

A distinctive feature of **Veka windows profiles A class** is increased thickness of external walls, which improves stability of windows, their life-span and resistance to temperature fluctuations.



VEKA window profiles systems have **ift Q-ZERT European Quality Certificate** that guarantees that you buy perfect windows.



Technical data for PVC - PRESTIGE system

Air permeability	Class 4
Water tightness	Class 9A
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 (W/m ² K) = 1,3
Window sound insulation	R_w = 32 (-1;-5) dB
Light transmittance (Lt)	80%
Solar radiation "g"	61%



Hygienic seal of approval: PZH no. HK/B/0143/01/2008

Declaration of Compliance CE no. 1/2011 with PN-EN 14351-1+A1:2010

Ruling of CNBOP no. 014/BM-1/2004 of hardly flammable nature of VEKA profiles

Windows with anti-prising Roto NT fittings is one of the most reliable methods of securing your house against burglary.



Mushroom bolting rolls anchor in the mushroom striker plate while you bolt the window light.



Blockage of erroneous handle positioning makes it impossible to open the window wrongly and prevents falling the window out of the hinges.



EnergO

... safety and energy efficiency

CONSTRUCTION: Veka six-chamber profile of the frame width of 90 mm with thermal insert; steel inter-profile reinforcements minimum 1,5 mm thick guarantee ideal statics, security, and long-life of the windows; steel reinforcements are at the whole length and width of the frame and light; due to the thickness of external wall of the profile that is 2,8 mm or more, the system is as of the highest quality – A class (in line with the quality standard PN-EN 12608); the profile is equipped with drainage holes system.

STYLISTIC LINE: Alphaline - classic, non-flush light with window frame of sloping edges.

COLOURS: white, wooden-like or homogenous veneer in compliance with RAL palette.

GLAZING: triple glazing unit 40mm thick with low emission glass and internal cavity filled with argon (heat transfer coefficient $U_g \leq 0.6 \text{ W/m}^2\text{K}$, noise reduction $R_w = 32 \text{ (-1;-4) dB}$); as an option: safety glass, anti-burglary (P2; P4), sound-absorbent, absorbent, reflective, ornamental, etc.; the so called "warm spacer" combining the glass unit with special PVC coating filled with hygroscopic pellets - reducing sweating on windows.

FITTINGS: Roto NT tilt-and-turn window fittings of increased anti-corrosive protection with a mechanism blocking erroneous handle positioning, and with trickle ventilation function; as an option: restricter controlled with a handle, graded tilting function, in a handle, magnetic self-latching bolt to French windows, Secustik® handles or handles with a key, Designo fittings with concealed hinges on the window, Tilt First secure fitting to a nursery and burglar-proof fittings of WK1 and WK2 classes.

GASKETS: three removable gaskets fitted in the light, made of thermoplastic EPDM material resistant to weather conditions (cracking, elastic recoveries, ageing); glazing gaskets help to ensure proper thermal and noise insulation, and their construction (the surface with a 15-degree slope – the same as profiles) allows for draining water and wastes; C-seal and glazing gaskets are in black, grey or "caramel".

MULLIONS: internal cavity, structural bars and mullions, or the ones stuck externally on the window.

ADDITIONAL WINDOW ACCESSORIES: handles and hinge covers in several colours to be selected, air diffusers, mosquito nets, blinds, roller shutters, etc.



Alphaline

Perfect widows for energy efficient houses!

Special thermal performance improvement wedge in the profile and triple glazing improves significantly thermal insulation of the entire window, decreasing thermal losses in the building.

Technical data for PVC - ENERGO system

Air permeability	Class 4
Water tightness	Class 9A
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)	$U_w \text{ (W/m}^2\text{K)} = 0.9$
Window sound insulation	$R_w = 35 \text{ (-1;-4) dB}$
Light transmittance (Lt)	71%
Solar radiation "g"	50%



Hygienic seal of approval: HK/B/0143/01/2008

Declaration of Compliance CE no. 2/2011 with PN-EN 14351-1+A1:2010

Ruling of CNBOP no. 014/BM-1/2004 of hardly flammable nature of VEKA profiles



6-chambers window in ALPHALINE system
awarded with "Quality of the Year 2009" title.

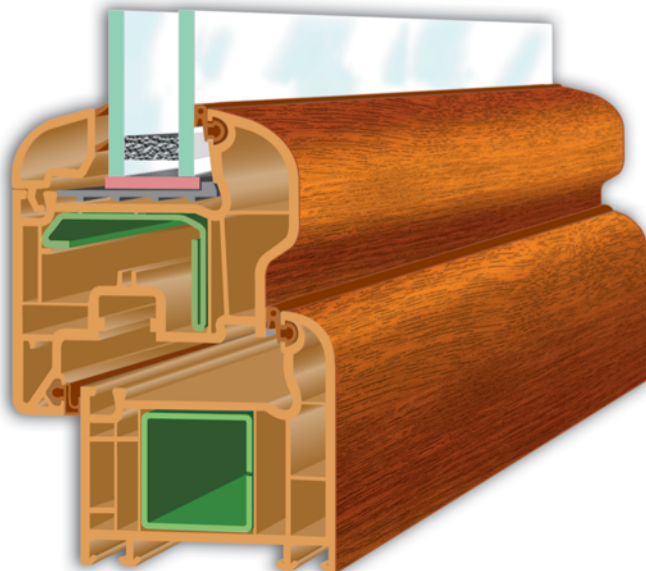


2009

colours

... freedom of colours

As regards finishing of the surface of PVC windows, we offer you a wide range of approximately 40 homogenous colours (according to RAL palette) – inclusive of wooden-like patterns, and even aluminium imitating ones. PVC windows may have colour surface on one or both sides. It is also possible to make the light and frame in two different colours. The so called profile coextrusion process is a unique solution. Windows with wooden-like laminate on one side only have underneath coloured layer of the PVC profile, thanks to which possible mechanical damage is not visible on the window surface.



Presented palette of wooden-like colours shows only approximate colours and may not reflect the true ones.



winchester



golden oak



walnut



mahogany



dark oak

MANUFACTURER OF PVC, WOODEN AND ALUMINIUM
WINDOWS AND DOORS

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Rich selection of handles makes it easy to choose the model appropriate to the style and colour of windows.



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