



WINDOWS WELL THOUGHT
PVC WINDOW & DOOR RANGE


WITRAZ



PREMIUM

PERFECT INSULATION

Enjoy long-term savings.

Guaranteed U_w -value below $0.75 \text{ W/m}^2\text{K}$ for the reference window – the lower, the warmer!



100%
safety



100%
silence



100%
warmth



100%
quality



100%
design



V82 POWERTHERM+

- ✓ **7-chamber Class A profile.**
Our flagship passive window, engineered for high-performance modern homes.
- ✓ **Excellent thermal specifications.**
An additional third seal ensures an exceptionally low U-value, all within a smooth, classic profile.
- ✓ **Useful extras. No surcharge.**
Warm-edge spacer bar and the designer Square handle are included as standard.

82 mm	7 chambers	A class	3 seals	3 mm wall thickness
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KÖMMERLING 88

- ✓ **Premium 88 window system.**
7-chamber system, 88 mm depth and a central seal – passive level performance as standard.
- ✓ **Extras included in the price.**
Insulating wedge, warm-edge spacer bar, triple-glazing, modern handle and plenty of laminate finish options to choose from.
- ✓ **Wide glazing options.**
The modern design supports glazing units up to 56 mm, with options for functional glazing.

88 mm	7 chambers	B class	3 seals	2,7 mm wall thickness
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PK76 INNOVO+

- ✓ **6-chamber Class B system.**
Elegant, classic profile with a 76 mm installation depth.
- ✓ **Top-tier quality guaranteed.**
Additional third gasket and excellent thermal insulation performance. U-value for the reference window reaches $0.73 \text{ W/m}^2\text{K}$.
- ✓ **One system. Many advantages.**
Outstanding quality through functionality, structural stability, aesthetics plus thermal and acoustic insulation.

76 mm	6 chambers	B class	3 seals	2,7 mm wall thickness
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INNOVATION CLASSIC

Clean lines, advanced technology.

Create a beautiful space with a wide range of colours and shapes, where you can feel truly safe.



100%
safety



90%
silence



90%
warmth



100%
quality



90%
design

PK76 INNOVO

5-chamber Class B system.

Elegant, classic profile with a 76 mm installation depth.

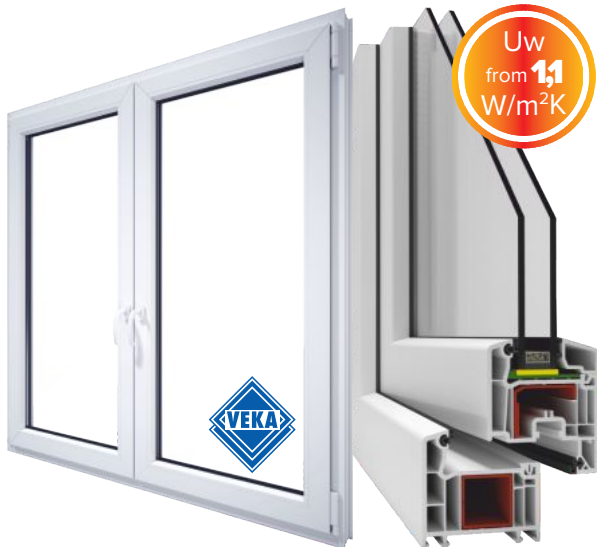
Protection.

Excellent acoustic insulation makes your home noticeably quieter, while the option to fit anti-burglary fittings increases security.

An extensive colour palette.

Beyond white, we offer a wide selection of laminated colour finishes.

76 mm	5 chambers	B class	2 seals	2,7 mm wall thickness
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V70 PERFECTLINE

Class A quality.

5-chamber, 70 mm profile with coloured core to match the laminate finish, ensuring the frame maintains an attractive appearance for years.

Built to perform.

Thick profile walls provide excellent stability even with daily temperature fluctuations from -2°C to 16°C.

Peace of mind.

Robust MACO Multi-Matic fittings provide enhanced security.

70 mm	5 chambers	A class	2 seals	3 mm wall thickness
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PN70 BALANCE

Classic in a new version.

The base 5-chamber profile with a 70 mm installation depth.

Excellent airtightness.

Modern seals perfectly protect against draughts, dust and rain.

Timeless design.

A profile shape consistent with the look of the wider PK76 INNOVO and PK76 INNOVO+ systems.

70 mm	5 chambers	B class	2 seals	2,7 mm wall thickness
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*with
a triple-glazed
unit

SLIDE & HST

MORE LIGHT AND SPACE

Enjoy an open, barrier-free space.

Large windows let in plenty of natural light and a low threshold ensures comfortable access to the garden



100%
safety



90%
silence



100%
warmth

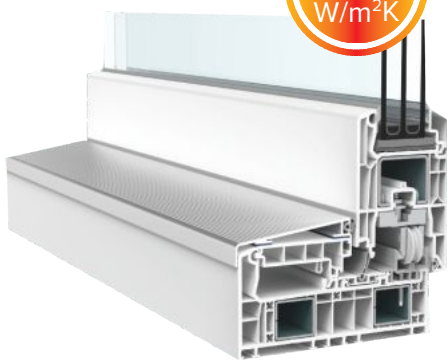


100%
quality



100%
design

U_w
from **0,72**
W/m²K



VEKAMOVE 76

- ✓ **Class A sliding system.**
Large steel reinforcements in the profiles guarantee high frame stability.
- ✓ **Central perimeter gasket.**
Creates an additional third seal surface and guarantees effective protection against rain and wind.
- ✓ **Winkhaus primePort AS perimeter fittings.**
A major advantages of the system are evenly distributed locking bolts around the entire perimeter, active locking points also in the centre mullion area, as well as the possibility to adjust the sash pressure force and the height of roller carriages.



VEKAMOTION 82

- ✓ **Excellent use of sunlight.**
The lift-and-slide system guarantees maximum light intake while offering lightness of construction and high energy efficiency.
- ✓ **High burglary resistance.**
Large steel reinforcements in the frame ensure exceptional stability and a barrier against unwanted guests.
- ✓ **Perfect match.**
Wide range of design and profile colours
- RAL colours, wood-like finishes, SPECTRAL or Fine Structure surfaces.



U_w
from **0,78**
W/m²K





































































U_w
from **0,73**
W/m²K

VEKAMOTION 82 MAX

- ✓ **Glazing area used to its full potential.**
Maximum glass surface with minimal profile width.
Possibility of manufacturing large-format elements with dimensions of up to 6,5 x 2,7 m.!
(white profile, doors in scheme C)
- ✓ **Almost frameless.**
In the fixed sash, the profile height on the room side is only 28 mm.
As a result, the window glass can be 7 cm wider and 13 cm higher.



PROFILE	V70 PERFECTLINE		V82 POWERHERM+		PN70 BALANCE		PK76 INNOVO		PK76 INNOVO+		KÖMMERLING 88	
profile class	A		A		B		B		B		B	
number of chambers in the frame												
installation depth	70 mm		82 mm		70 mm		76 mm		76 mm		88 mm	
thickness of the profile walls	3 mm		3 mm		2,7 mm		2,7 mm		2,7 mm		2,7 mm	
number of seals on the perimeter	2		3		2		2		3		3	
type of seals in the profiles	EDPM		EDPM		EDPM		EDPM		EDPM		EDPM	
color of the seal in white windows	black		black		grey		grey		grey		grey	
Uw value from	1,1 W/m ² K		0,74 W/m ² K		0,79 W/m ² K		0,76 W/m ² K		0,73 W/m ² K		0,71 W/m ² K	
Uf value from	1,4		1		1,3		1,1		1		0,91	
steel standard	frame	sash	fixed mullion	frame	sash	fixed mullion	frame	sash	fixed mullion	frame	sash	fixed mullion
variant I.												
reinforced steel:	frame	sash	fixed mullion	frame	sash	fixed mullion	frame	sash	fixed mullion	frame	sash	fixed mullion
variant II.												
variant III.												
variant IV.												
variant V.												
glazing bead (standard glazing package)	straight		straight		straight		straight		straight		straight	
type of glazing package	24 mm		48 mm		24 mm		48 mm		48 mm		48 mm	
possibility of inserting a glazing package	24-40 mm		24-52 mm		24-42 mm		24-48 mm		24-48 mm		44-56 mm	
spacer frame	aluminium		warm TGI		aluminium		aluminium		aluminium		warm TGI	
resistance to wind loads - frame deflection	C2/B4		C2/B2		C5/B5 for single-sash windows C3/B3 multi-sash windows C1/B2 for balcony multi-sash windows		C5/B5		C5/B5		C4/B5 for single-sash windows C1/B2 for windows with flying mullion	
water resistance	5A		9A		9A		9A		9A		9A	
air permeability	4		4		4		4		4		4	
anti-theft catches / 1 sash	1		1		1		1		1		1	
micro-ventilation in the tilt and turn sash	✓		✓		✓		✓		✓		✓	
incorrect tilting lock	✓		✓		✓		✓		✓		✓	
seal of the catch-notch in the frame	✓		✓		✓		✓		✓		✓	
handle	standard aluminium		Square		standard aluminium		standard aluminium		standard aluminium		Hoppe Secustic	
multi-chamber windowsill strip	✓		✓		✓		✓		✓		✓	
transport handles	✓		✓		✓		✓		✓		✓	
warranty period for rectangular windows					5 years (applies to fixed windows or with multi-point locking fittings in the form of tilt and turn, turn or tilt)							
Possibility of manufacturing:												
patio door option	✓		✓		✓		✓		✓		✓	
external door option	✓		✓		✓		✓		✓		✓	
option of a window with a window sash with a 2-sided handle and the P235 lock	✓		✓		✗		✓		✗		✗	
option of a window with an intermediate sash, a 2-sided handle and a P235 lock	✓		✗		✗		✗		✗		✗	
PSK tilt and slide window option	✓		✓		✓		✓		✓		✓	
HS lift and slide window option	✓		✓		✗		✓		✓		✗	

WITRAŻ FAMILY BUSINESS



Witraż is a family business established in 1999. Over the years, we have earned a leading position in the window and door industry in north-eastern Poland. We are among the few manufacturers in the country producing in three types of materials: PVC, wood and aluminium.

We operate with the latest technological solutions and the most automated production lines available at the time. It enables us to manufacture up to 150,000 PVC windows per year. Despite this capacity, we do not pursue mass production.

We approach every order individually, paying close attention to every detail at every stage of execution. From comprehensive consultation, through specialised manufacturing on the most advanced production line, to precise quality control and safe preparation for transport.

We are known for outstanding design, aligned with Europe's evolving market needs and conditions. With every project, we show our customers that a window can combine exceptional quality with outstanding functionality – and look beautiful, too.

PVC ALUMINIUM WOOD-ALU WOOD

We export to:


Germany ▪ Italy ▪ Lithuania ▪ USA ▪ Scandinavia ▪ Morocco
Switzerland ▪ Latvia ▪ Norway ▪ France ▪ Israel ▪ Sweden
Belgium ▪ Estonia ▪ Austria ▪ Japan ▪ Hungary ▪ United ▪ Czech
Kingdom Republic




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