

Windows and doors **PVC**



Energy-efficient windows



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Universal and surprising.

Interior PVC doors.



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Energy-efficient windows



High thermal insulation. PVC windows in P-Line system

P-Line windows are distinguished by excellent technical properties. They are manufactured exactly in such a way that they meet your requirements and offer many configuration options, such as a wide selection of veneers. In addition, they are extremely easy to maintain and have an attractive price-quality ratio. Thanks to a modern, multi-chamber construction, The new P-Line window system will provide even better thermal insulation.

Attractive advantages:

- **Pleasant atmosphere in the apartment:** Special chambers guarantee the highest thermal insulation values and provide a cozy atmosphere.
- **Long-lasting durability:** Thanks to weather-resistant materials and high-quality ferrule, you can enjoy the windows for many years.
- **Preservation-free and easy to maintain:** The smooth surfaces are extremely easy to clean and do not require preservation works.
- **Increased safety:** Also in the basic equipment. Optional to RC2 class.

The latest welding technology:

P®Perfect





The innovative triple sealing system with middle gasket and 80 mm profile depth meets all architectural requirements and offers almost unlimited application and personalization possibilities.

PVC P- Line window and door system (depth: 80 mm)

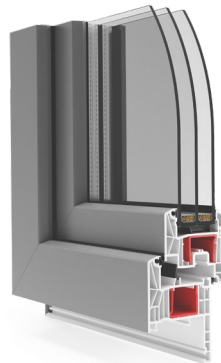
Manufacture variants (exterior)



P-Line
flat sash

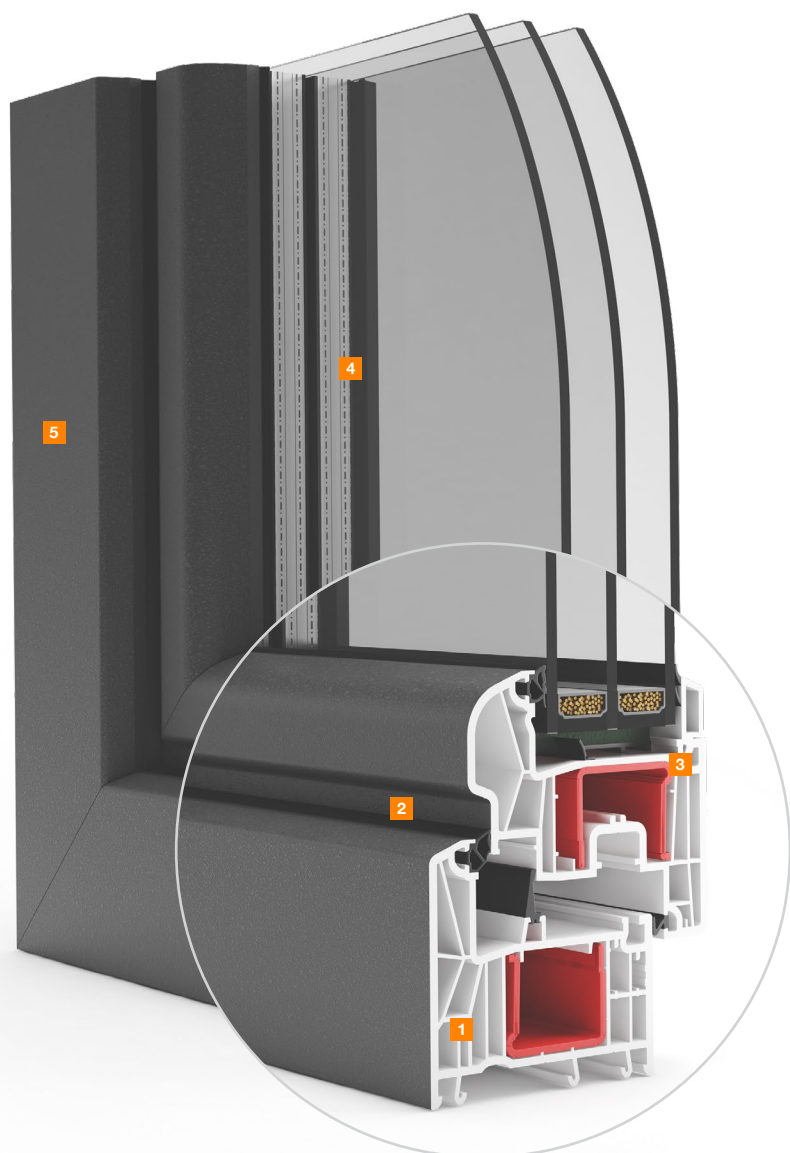


P-Line Elegance
rounded sash



P-Line Renovo
flat sash





1 Modern chamber construction

The profiles created by the latest calculation methods ensure: the best thermal insulation, optimal profile stabilization and high lifting capacity even with heavy glazing.

2 Durable seal

Three perimeter gaskets made of high quality long-lasting elastic material guarantee excellent window quality despite the passage of time and ensure reliable protection against drafts and moisture.

Excellent noise protection

3 80 mm - deep installation with standard gasket in combination with the highest quality soundproof glass, guarantee the highest acoustic insulation.

More light

4 Narrow frame, sash, and mid-section assembly guarantee high light flow and solar energy.

A wide range of additional profiles

5 Special switches guarantee optimal installation in any situation - both on site and during repairs.

Convincing Values

P-Line

Thermal insulation¹⁾	U_i to 0.94 W/m ² K ²⁾ U_w to 0.72 W/m ² K
Acoustic insulation³⁾	R _w value 45dB
Resistance to wind loads	up to class C5 / B5 in accordance with EN 12210
Waterproofness	up to class 9A, according to EN 12208
Air permeability	up to class 4, according to EN 12207
Safety	Basic safety, RC 1 N, RC 2 N, RC 2

¹⁾ single-hung window (1.23 x 1.48 m)

²⁾ depends on the selected sash and frame combination

³⁾ according to EN 14351/1



The only one in its category.

PVC Windows in the Encore system

The innovative ENCORE system with insulating inserts has perfect thermal insulation properties as the only one in its category. Thanks to this, the Encore window system is especially designed for energy-efficient buildings. Its elegant design can be used in new construction as well as in renovation. Multiple benefits - which are complemented by a good price to quality ratio.

Attractive advantages:

- **Pleasant atmosphere in the apartment:** special chambers with additional thermal inserts guarantee the highest thermal insulation values and provide a cozy atmosphere.
- **Looks:** classic, elegant windows' looks
- **Long-lasting durability:** Thanks to weather-resistant materials and high quality fittings, you can enjoy the windows for many years.
- **Preservation-free and easy to clean:** The smooth surfaces are easy to clean and do not require frequent preservation.

Efficient thermo insulation

Thanks to the additional insulating inserts in the four-chamber profile of the Encore system, thermal insulation is outstanding and steel reinforcements guarantee high rigidity of the entire structure.





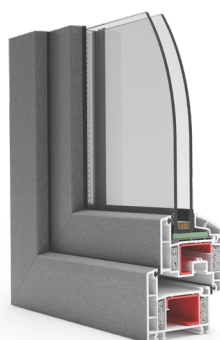
PVC Encore windows are suitable for new construction as well as renovation. Classic, elegant looks adapts to every possible style.

PVC Encore window system (Depth: 80 mm)

Manufacture variants (exterior)



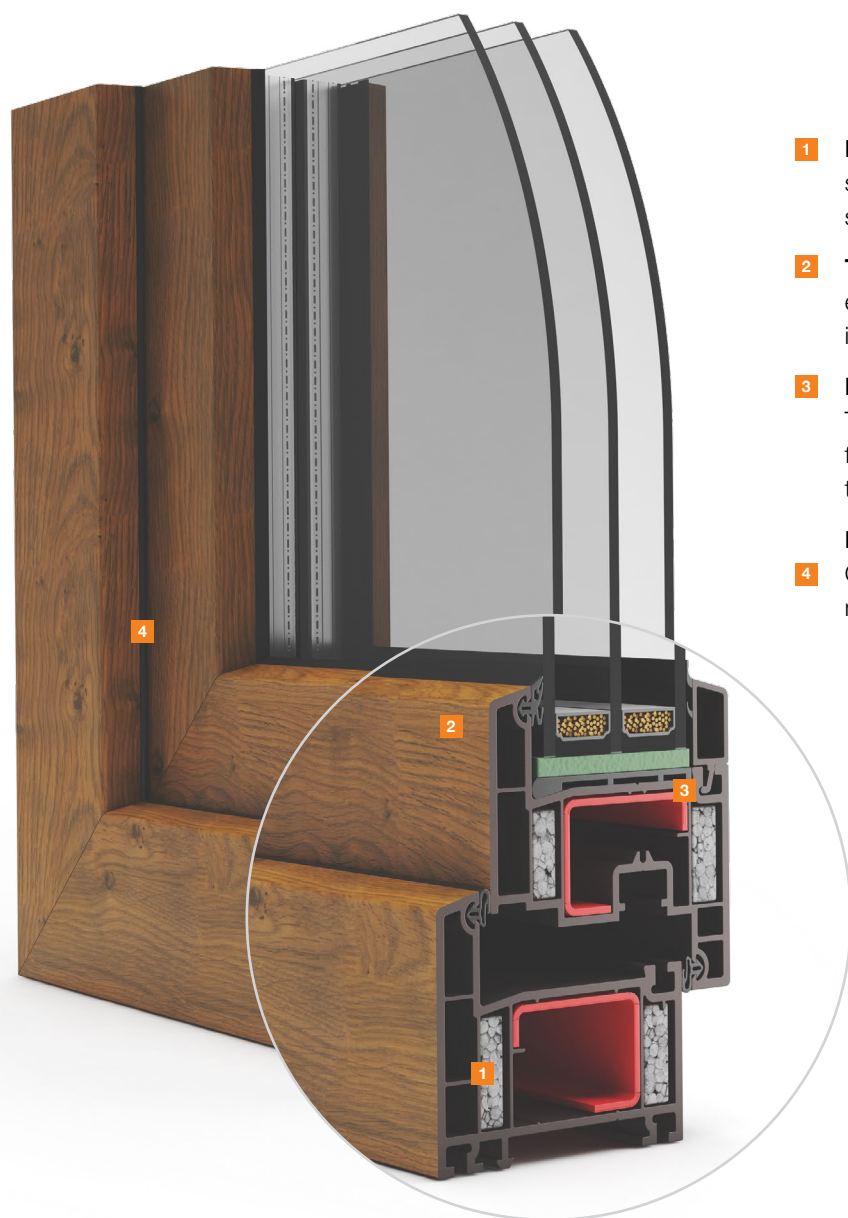
Encore
flat sash



Encore
flat sash



Encore
flat sash

**1 Design**

simple, classic shapes give the windows a classic, timeless look.

2 Thermal insulation

energy saving thanks to additional thermal inserts.

3 High tightness

Two circumferential gaskets made of high quality, flexible EPDM material guarantee reliable protection against drafts and moisture for years.

Even better rigidity and stability

4 Galvanized steel reinforcements with PVC profiles meet even the highest static requirements.

Convincing Values**Encore**

Thermal insulation¹⁾	The frame's U value (U_f) to 1.0 W / m ² K ²⁾ The window's U value (U_w) to 0,76 W/m ² K
Acoustic insulation³⁾	Rw 34dB value
Resistance to wind loads	up to class C4 in accordance with EN 1221
Waterproofness	up to class 5A, according to EN 12208
Air permeability	up to class 4, according to EN 12207
Safety	Basic safety

¹⁾ single-hung window (1.23 x 1.48 m)

²⁾ depending on the combination of frame and sash

³⁾ according to EN 14351/1



Versatile use.

Avantgarde and Ovlo PVC windows system

Avantgarde and Ovlo window systems stand out with their attractive, light looks with rounded lines and the use of modern solutions. The Avantgarde and Ovlo windows are used for renovation works as well as in new installation thanks to the installation depth of 70 mm or 80 mm. The use of high-quality fittings ensure maximum safety.

Attractive advantages:

- **Versatility:** Thanks to the installation depth of 70 mm or 80 mm, the Avantgarde and Ovlo window systems are particularly well suited for use during renovations.
- **Design:** classic or round Avantgarde and Ovlo look meets every design requirement.
- **Convenience:** With energy-saving Avantgarde and Ovlo windows (U_w to 0,89 W/m²K)) you take care of environment and at the same time you save on heating costs.
- **Durability:** galvanized steel reinforcements provide maximum rigidity and stability as well as excellent functionality.
- **Versatile variants:** Individual window shapes and fittings provide the highest degree of design freedom.

Durability

Avantgarde and Ovlo windows are resistant to weather conditions and are practically preservation-free. In addition, the window can be covered in any of the variants with UV-resistant veneer, so you can completely customize its looks to your needs.





The Avantgarde and Ovlo system combines the most important advantages to be used both during renovation works and new installation. And all this along with an attractive price-quality ratio.

Window and door system Avantgarde and Ovlo (depth: 70 mm or 80 mm)

Manufacture variants (exterior)



Avantgarde 9000 system

flat sash



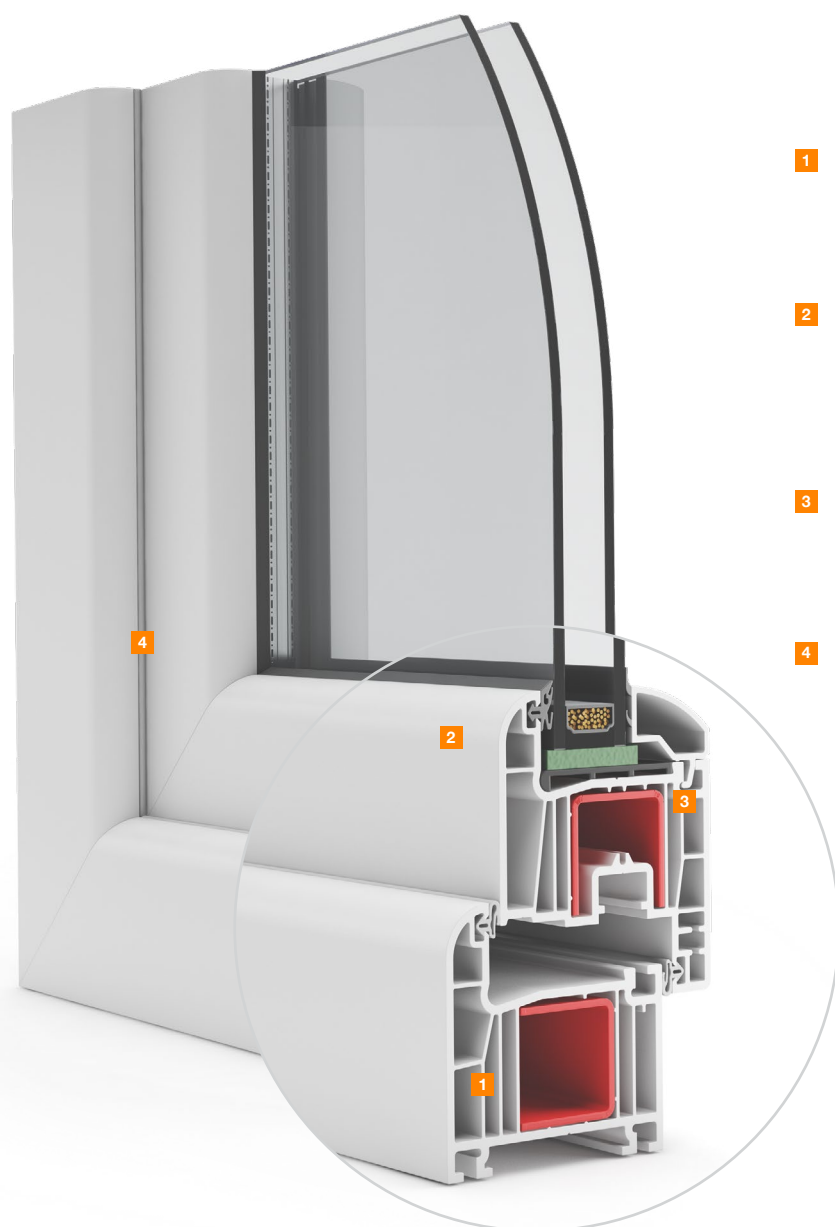
Avantgarde 7000 system

flat sash



Renovation frame

flat sash



1 High thermal insulation

6/5 chamber profiles in combination with glazing with excellent thermal properties guarantees high thermal insulation.

2 Customized design

Rounded or simple, flat profiles in combination with a wide range of colors allow you to customize the windows according to your individual needs.

3 Even better rigidity and stability

Galvanized steel reinforcements with PVC profiles meet even the highest static requirements.

Security

4 Two anti-theft points in standard equipment ensure high security, which can additionally be extended to the security class RC2.

Convincing Values

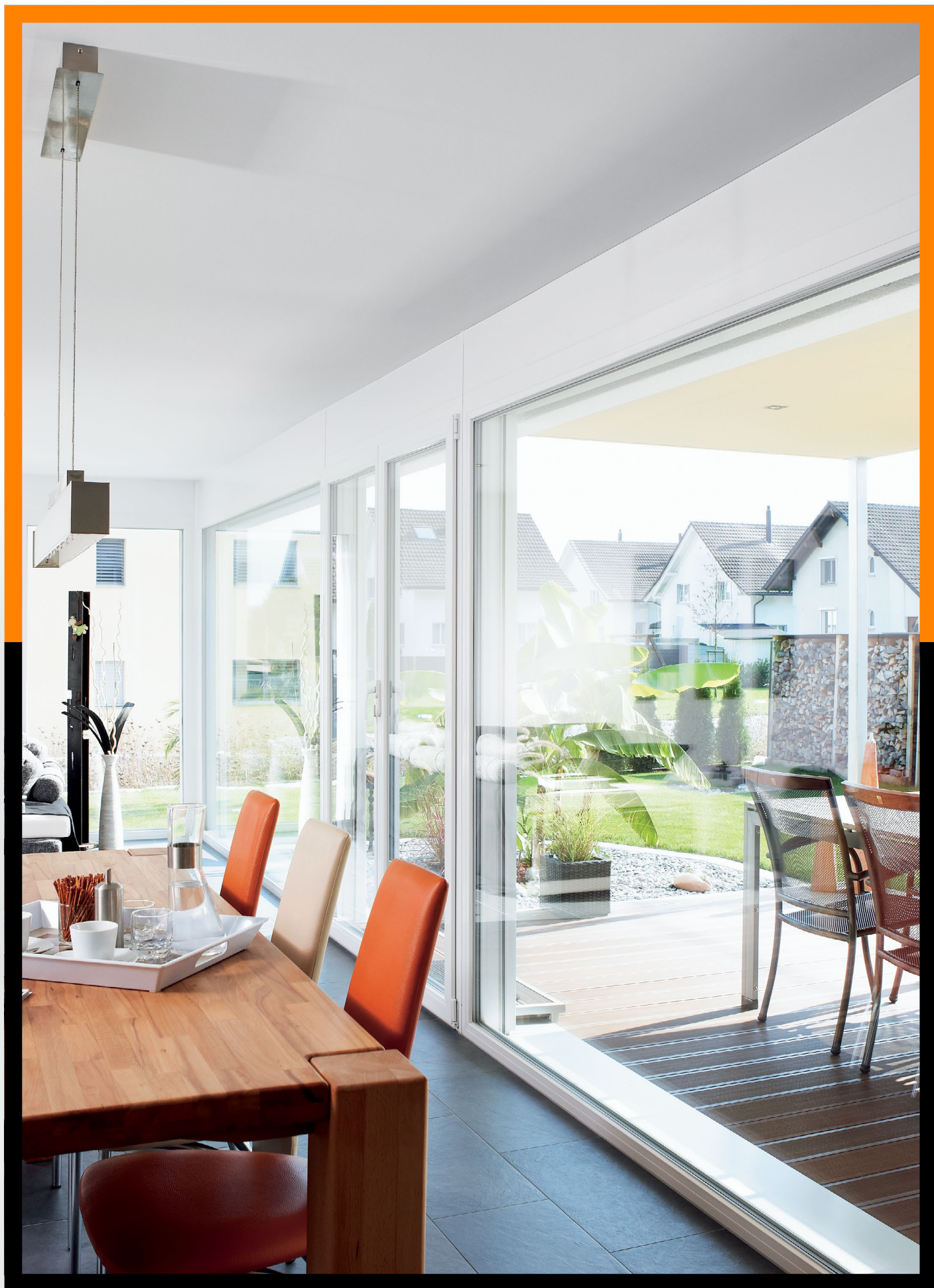
Avantgarde / Ovlo

Thermal insulation¹⁾	Frames' U-value (U_f) up to 1.3 W/m ² K ²⁾ Windows' U-value (U_w) up to 0.89 W/m ² K
Acoustic insulation³⁾	Rw 42dB value
Resistance to wind loads	up to class C4 / B4 according to EN1221
Waterproofness	up to class 8A, according to EN 12208
Air permeability	up to class 4, according to EN 12207
Safety	Basic safety, RC 1 N, RC 2 N, RC 2

¹⁾ single-hung window (1.23 x 1.48 m)

²⁾ depending on the combination of frame and sash

³⁾ according to EN 14351/1



Freedom of space.

Balcony and sliding doors made from PVC.

The maximum amount of daylight will bring you into a better quality of living. Thanks to a large surface of windows, you will feel like you are living in the middle of the space that surrounds you - whether it's a green garden or a vibrant metropolis. The wide range of construction possibilities is diversified by modern architecture.

Tilt and slide PSK doors made from PVC

The perfect solution when you want to save space. The PSK doors do not have window sashes which, when opened, take up space in the room. Thanks to the narrow installation depth, they enable optimal use of space and are suitable for use both during renovation works and during new installation.

Attractive advantages:

- 1 Narrow installation depth**
Low space consumption inside the room during use.
- PSK door**
- 2 Convenient operation** thanks to parallel movement of the leaf.
Possible tilt opening.
- Large glazing**
3 guarantee a bright, light-filled room. Leaf width up to 1900 mm, leaf weight up to 200 kg.



Do you know that...

The PSK doors save a lot of space and in addition to that, they have tilt opening? Thanks to a shallow installation, they are ideal for renovation.



HST lift and slide door

Attractive advantages:

- **Form and function:** Illuminated rooms and solar power thanks to very narrow frames.
- **Convenient service:** thanks to high-quality fittings, closing and opening is smooth and easy as piece of cake.
- **No barriers:** low aluminum threshold system in the standard version
- **Safety and certainty:** special safety glass and hardware (up to RC 2 safety class) will protect your home effectively.





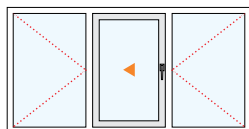
Fulfill your dream of bright and illuminated living spaces thanks to innovative balcony and sliding PVC Dobroplast doors. The modern, barrier-free threshold system impresses with maximum ease of use and high thermal insulation.

Types of opening



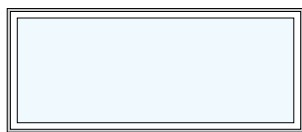
Scheme A³⁾

- 1 sliding sash (right or left)
- 1 permanent glazing



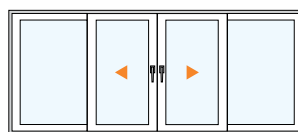
Scheme G

- 1 sliding sash (right or left)
- 2 permanent glazing



Scheme H

- Permanent glazing



Scheme C³⁾

- 2 sliding sashes (right and left) without a bar
- 2 permanent glazing



Scheme K

- 2 sliding sashes
- 1 permanent glazing

Convincing values

HST doors 88

HST doors 76

PSK doors

Heat transfer coefficient¹⁾	Uf 1.2 W/m ² K (for the frame) up to 0.74 W/m ² K	Uf 1.0 W/m ² K (for the frame) up to 0.73 W/m ² K	Uf up to 0.76 W/m ² K (for the frame)
Noise protection¹⁾	Rw 45dB value	Rw 41dB value	Rw 42dB value
Resistance to wind²⁾	up to C2/B3 class according to EN 12210	up to B3 class according to EN 12210	up to B3/C3 class according to EN 12210
Waterproofness²⁾	9A class according to EN 12208	9A class according to EN 12208	up to 8A class according to EN 12208
Air permeability²⁾	up to class 4 according to EN 12207	up to class 4 according to EN 12207	up to class 4 according to EN 12207
Safety	Basic protection, RC 1 N, RC 2 N, RC 2	Basic protection, RC 1 N, RC 2 N, RC 2	Basic protection

¹⁾ Windows technical parameters

²⁾ Scheme A (2.37 x 2.37 m)

³⁾ These diagrams are only possible for sliding, with tilt opening parallel doors.



Customized and easy to clean. External PVC doors.

Houses are like people: the first impression is the most important. The entrance door plays an important role. Our range of entrance doors offers many possibilities of individual configuration while maintaining thermal parameters. Design the door you dream about. The rounded profiles harmoniously fit in with the Avantgarde window system.

Attractive advantages:

- **Individually matched patterns:** Create a door according to your design, taking individual preferences into account.
- **Wide possibilities of configuration:** Design your own door with a wide range of equipment.
- **A firm style:** The form and material from which the door is made harmoniously match each other.
- **Comfort and light flow:** Light glazing makes the interior look brighter and more friendly.
- **Multiple applications:** The application area includes both old buildings to be renovated and modern architecture.

Exceptional design

Do you want an entrance door that perfectly meets all expectations that are energy-efficient and do not compromise the security matters? Dobroplast products will meet your requirements!

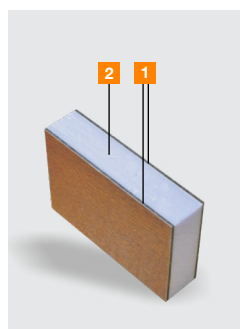




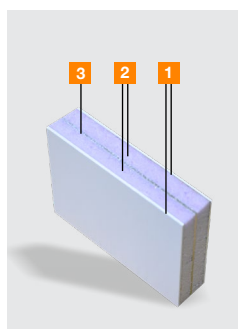
The design of the door combines functionality and aesthetics. We offer you countless options in terms of color, shape and equipment - to make the door really your project.

Energy-efficient and stabil

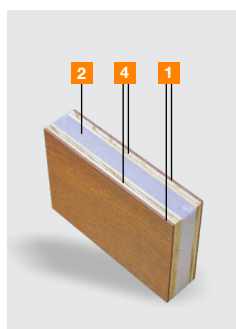
For increased thermal insulation, Dobroplast offers exterior doors in four different variants of multi-layer construction and two thicknesses of filling.



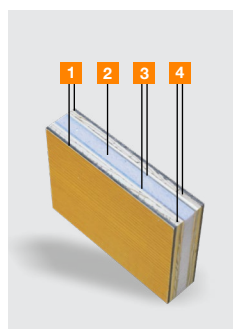
Standard



Standard +



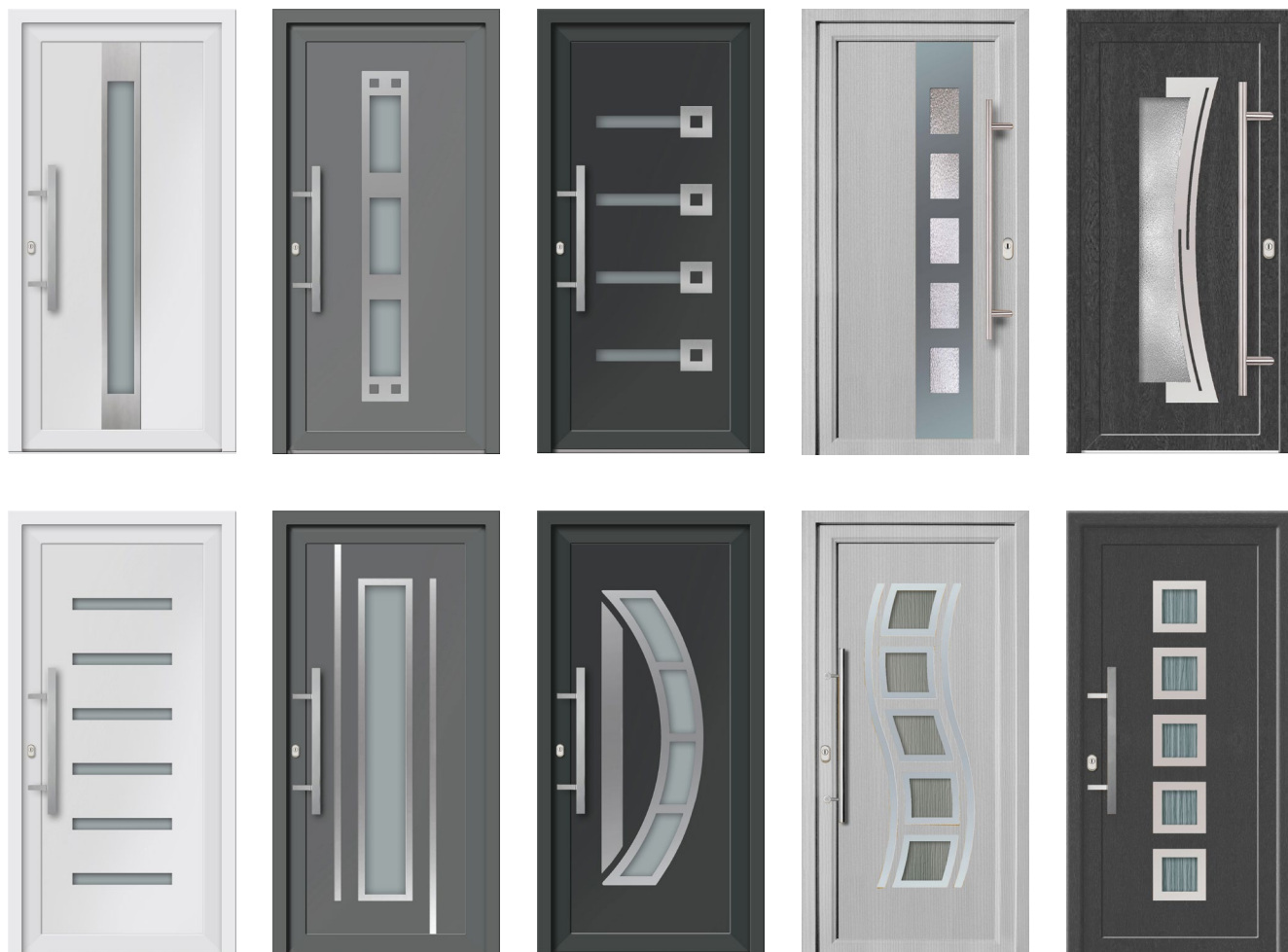
Firm



Extreme

- 1** Two-sides PVC filling
- 2** Extruded polystyrene
- 3** Aluminum insert
- 4** Waterproof plywood board

Decorative panels



Handles, door pulls and grip handles

The most important element in every door - handles and door pulls. They affect the comfort, looks and level of security.



90° stainless steel door pull



Stainless steel 45° door pull



door pull



External doors set
with a long signboard

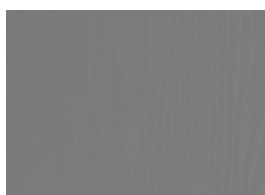
Individual project and aesthetics.

Dobroplast products combines practicality and beauty. We offer you a wide range of colours, shapes and equipment, thanks to which you can freely compose your project.

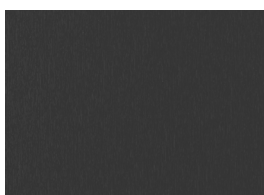
PVC foil colours

Apply colored PVC foils - from the inside and outside! Dobroplast foils are resistant to light, dirt, aging and are easy to clean. Regardless of what color variant and what structure you choose.

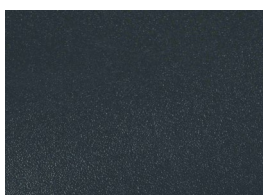
Colour group no. 1



Grey wooden structure



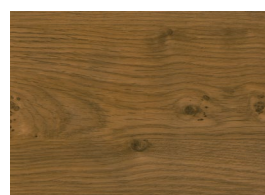
Anthracit wooden structure



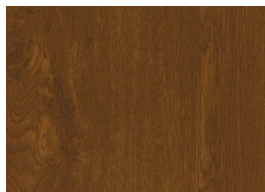
Anthracit sand structure



Chocolate brown



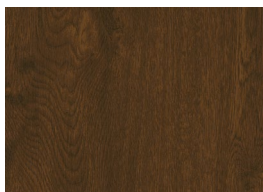
Winchester



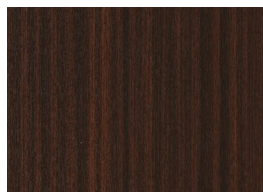
Golden oak



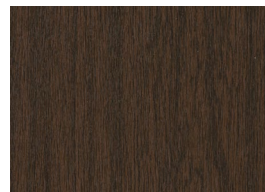
Noce Sorrento Balsamic



Nut

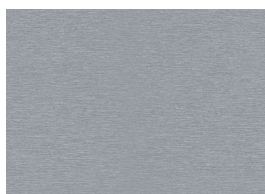


Mahogany

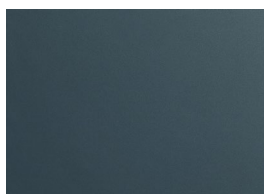


Dark oak

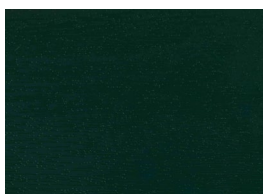
Colour group no. 2



Brushed aluminium



Plain grey



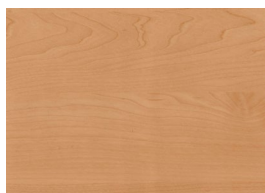
Moss green



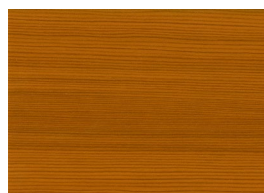
Irish Oak



Mountain Pine



Birch rose



Oregon



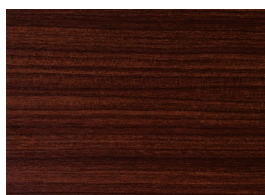
Douglas tree



Soft Cherry



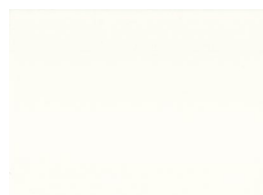
Cherry Amaretto



Macore



Siena PN

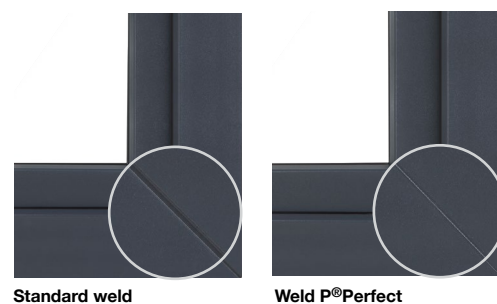


White wooden structure

Colour patterns are not a binding offer. We are willing to present you original templates.

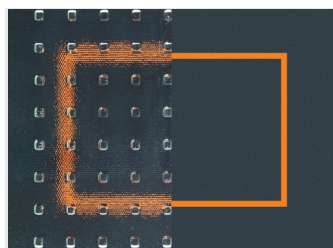
A stylish P-Perfect weld

Thanks to a new welding technology, the visible bonding of profiles are no longer used in the P-Line PVC windows. Dobroplast offers easy to use and preservation-free PVC windows with a look comparable to wooden windows.

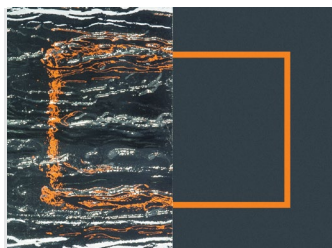


Ornament glass

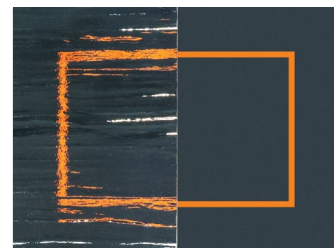
Some rooms require both privacy and access to daylight. Ornamental glasses can bring individual design into the room while allowing daylight into the room. We offer various options with varying degrees of transparency.



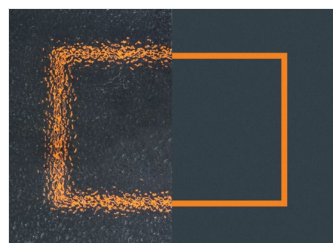
Colourless Master Carré



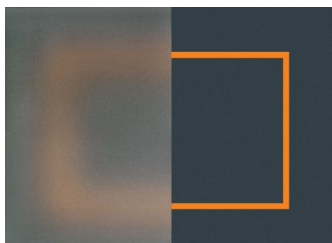
Colourless bark



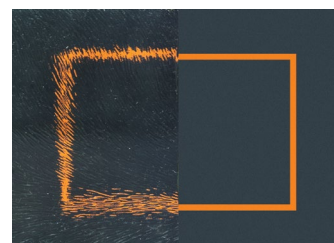
Colourless rain



Colourless crepi



Opal



Colourless chinchilla

Handles

In addition to the standard range of handles, there are many variants that will allow you to find a window handle completely matching your optical, tactile and technical ideas.

Victory



Soul



Secustic



Color patterns are not a binding offer. We are willing to present you original templates.

A wide range of georgian bars to customize individually designed looks.

Design your windows! Unlimited possibilities with different widths, colours and georgian bars configurations.

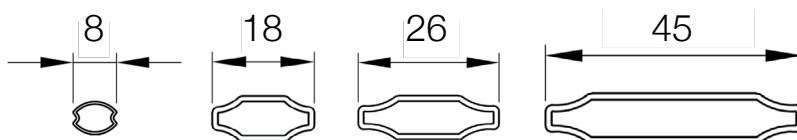


Georgian bars inside glass

Georgian bars inside glass

A beautiful, customized look with the advantages of easy window cleaning from both sides. A lot of design possibilities like combining at various angles and bending into arches or wheels. The highest quality aluminum georgian bars are installed between the glasses with the use of special adapters.

Georgian bars widths: 8, 18, 26 and 45 mm

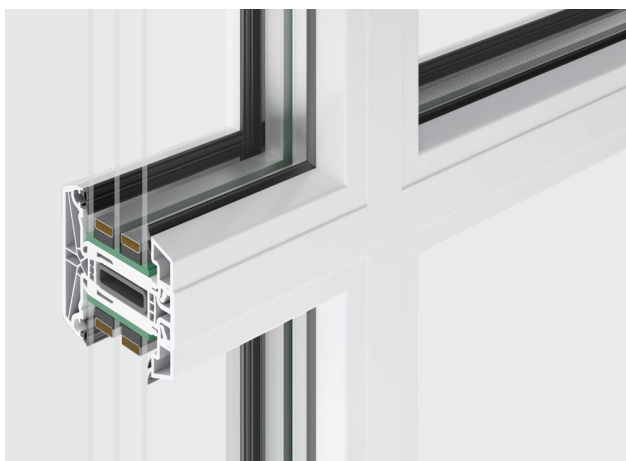
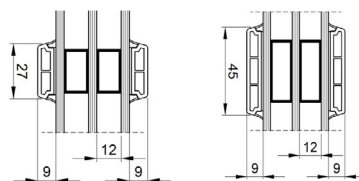


Glued-on georgian bars

Glued-on georgian bars

Stick georgian bars visually do not differ from the structural georgian bars, they combine the classic look with the narrow dimensions of the profiles dividing the glass. The georgian bars are installed on the glass from the inside and outside. The inter-glass space is emphasized by an aluminum frame imitating the looks of a real glass unit.

georgian bars width: 27 and 45 mm

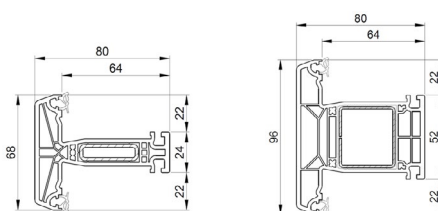


Dividing georgian bars

Structural georgian bars

Structural georgian bars represent a classic look with many single panes. The glass splitting georgian bars can be used vertically or horizontally.

Georgian bars width: 68 and 96 mm



Window ventilators

Pleasant ambience thanks to integrated window ventilators.

New, insulated windows make possible not only saving on heating, but also make the stay in the apartment more pleasant. That's why proper ventilation is even more important now as it allows you to get rid of humidity in the rooms. In some situations, regular airing may not be enough. The windows with integrate ventilators are in this case a good solution.

Ventilators controlled by humidity sensors

Simple and efficient

The ventilators and their components are characterized by an extremely aesthetic appearance and reliability. Acoustic protection of the hood makes possible soundproofing of 37dB.

- Controlled by air humidity: Adjusts the amount of air admitted to its humidity in rooms.
- Acoustic insulation of 37 dB.
- Easy cleaning: no calibration required, cleaning once a year.
- Lever for adjusting the air inlet.



Differential pressure ventilators

Ventilators controlled by differential pressure

A constant supply of fresh air

Ventilators controlled by differential pressure are designed to supply the right amount of fresh air to the rooms. The ventilators are equipped with a regulator that reacts to pressure changes. In addition, they have the option of manually adjusting the air stream with the option of completely shutting down.

- Even air supply.
- Automatic control stabilizes the air flow efficiency.
- It protects against too intensive air exchange at low temperatures or wind.
- It guarantees comfort and a pleasant indoor climate while reducing heating costs.



Differential pressure ventilators

Edge ventilators

Controlled air exchange and efficient drying

PVC edge ventilator with automatic airflow limiter, protecting against indoor mould. A differential pressure is used to exchange air and supply rooms. At high wind speeds, the ventilator flaps block too strong air inflow. The ventilators can be mounted in already installed windows.



Edge ventilator

ABOUT us

Dobroplast Fabryka Okien Sp. z o.o. is a leading producer of windows and entrance doors in Poland and the leading brand of Arbonia AG, which is listed on the Zurich stock exchange and employs an average of 8,439 employees in Europe. In Europe, Dobroplast is one of the largest window manufacturers. Dobroplast offers a full range of aluminium and PVC windows, entrance doors and window shades. The head office is located in Zambrów, where the company was founded in 2000. The second production facility, where roof windows are produced, is located in Lublin

Our services:

4000

Production capacity:
 we can produce up to
 4000 windows per day

Currently, the company
 employs 1495 employees

1495



2 **Two productuon facilities** Headquarter in Zambrów and productionfacility of roof windows in Lublin

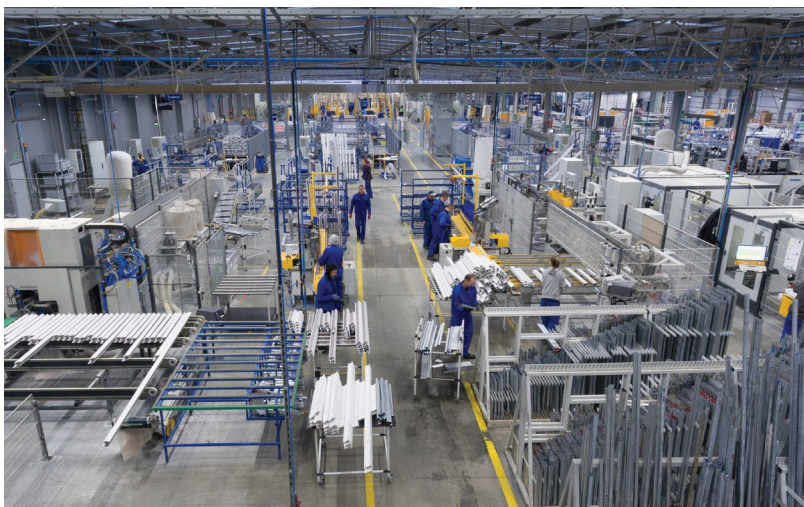
Extrusion of profiles - original proprietary systems for the production of PVC windows



Own fleet - guarantees punctuality and flexibility of deliveries



Own production of insulated glass - enables the selection of many variants and quick response time.



Modern machinery park - ensures a high degree of automation and the highest quality.

Systems and equipment.

Inspection

	System		P-Line	Encore	Avantgarde
Technical parameters	Heat transfer coefficient ¹⁾	U _w (for entire window) U _f (for frame)	up to 0.72 W/m ² K up to 0.94 W/m ² K	up to 0.76 W/m ² K up to 1.0 W/m ² K	up to 0.89W/m ² K up to 1.3 W/m ² K
	Wind resistance	according to EN 12210	to C5/B5 class	to C4 class	to C4/B4 class
	Waterproofness	according to EN 12208	to 9A class	to 5A class	to 8A class
	Air permeability	according to EN 12207	to 4 class	to 4 class	to 4 class
Design	Circles, arches		□	□	□
	Non-rectangular windows		□	□	□
	In-glass georgian bars		□	□	□
	Glued-on georgian bars		□	□	□
	Cross bar		□		
Safety	In standard	In the standard for increased safety requirements 2 anti-theft points	■	■	■
	RC 1 N	Anti-theft security for demanding customers	□		
	RC 2 N	Anti-theft security for demanding customers	□		
	RC 2	The highest security package with safe laminated glass VSG for the most demanding	□		
	Electronic control of the leaf	Magnetic control of the closing	□		□
Comfort	Low aluminum threshold		20 mm	20 mm	20 mm
	Entrance door				□
	Turn-only, tiltable, tilt and turn leaf		□	□	□
	HST doors				
	PSK doors		□	□	□
Heat penetration coefficient	Insulation glass		up to Ug= 0.5 W/m2K	up to Ug= 0.5 W/m2K	up to Ug= 0.6 W/m2K
Noise protection	Double glazed glass		□	□	□
	Acoustic insulation	R _w value according to EN ISO 10140 R _w for glass	up to 44 dB up to 48 dB	up to 38 dB up to 40 dB	up to 38 dB up to 40 dB
Ventilation	EMM		□	□	□
	Ventair		□	□	□
	Regel Air		□	□	□

■ - standard
□ - optional

The equipment options listed above are partly included in the standard depending on the window construction.

1) 2 - sash window (1.75 x 1.30 m)

2) The equipment depends on the size of the windows, the type of opening and the combination of frame and sashes.

The technical possibility of implementing additional equipment must be set individually.

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