



Integrated PVC Window Solutions



Table of Contents

Introduction	04
Production	06
Sustainability	08
Certifications	09
Partnership	10
PVC Windows	12
Hardware	22
Glass	38
Color Palette	48
Handles	50
Renovation Boxes and Roller Shutters	52
Services	54



Introduction

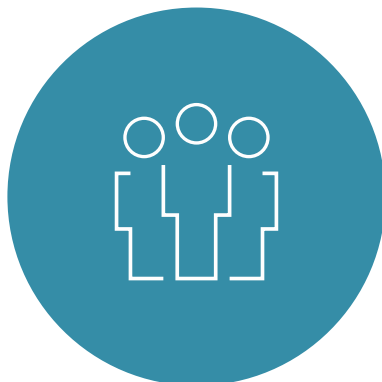
Aplast, part of the Extruplast – Aplast group, has been active for over 25 years in the thermal insulation joinery market. Through the group's consolidated expertise in PVC profile and window production, we offer customers integrated solutions for energy-efficient homes at fair, competitive prices.

We have built our reputation on the European market through a dual commercial strategy: standardized products available in major DIY retail chains, where customers can find a wide range of easily accessible, always-in-stock double-glazed windows and doors in standard sizes, and customized solutions provided through our partner network in Austria, Belgium, the Czech Republic, France, Italy, Germany, Greece, and the Netherlands.

Our success is built on a passionate team of professionals who drive our continuous innovation. Through ongoing investments in state-of-the-art technologies and production process optimization, we deliver high-quality products tailored to the highest standards of comfort, safety, and energy efficiency.



Our two factories in Ceptura (Prahova) and Tohat-Ulmeni (Maramureş) operate within a modern production environment equipped with high-performance machinery, covering a total surface area of 20,000 sq m.



With a team of over 400 employees, the Extruplast – Aplast group maintains high standards of quality, efficiency, and professionalism at every stage of production.



We are connected to European markets through an efficient logistical infrastructure and a solid network of partners across Central and Eastern Europe, Austria, Belgium, the Czech Republic, France, Italy, Germany, Greece, and the Netherlands.

Production

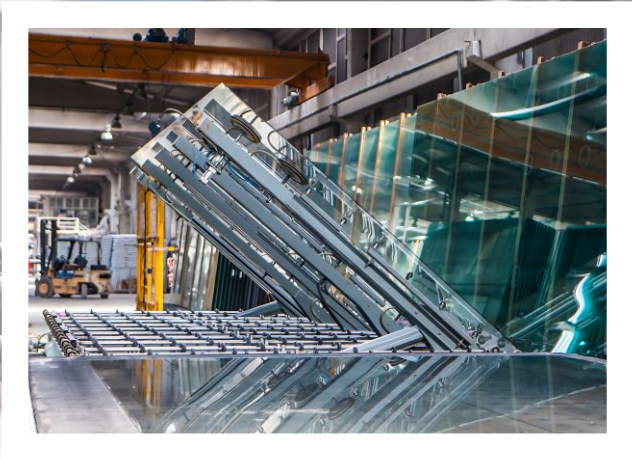
We emphasize excellence in manufacturing through strictly controlled processes and modern technology, the core pillars of our growth. We have invested in integrated production systems designed to ensure high quality standards at every step of the technological process. The equipment we use comes from internationally recognized manufacturers such as LiSEC, Stürtz, Urban, and Schirmer.

Integrating the production of PVC profiles and insulated windows within the Extruplast – Aplast group, alongside an efficient logistics infrastructure consisting of 9 warehouses in Romania and 1 in Hungary, positions us as a trusted partner in the regional market.

Production capacity up to:

600.000

units/year



Sustainability

Sustainability in numbers:



500 kW installed photovoltaic capacity



€7 million investment in the recycling plant



Up to 50% recycled material in PVC profiles



CaZn (Calcium-Zinc) based production formulation



Up to 90% reduction in CO₂ emissions through the use of recycled PVC

At Aplast, we leverage our full technological expertise to develop joinery systems that support the green home concept. Since glazed surfaces cover, on average, between 15% and 30% of a building's facade, choosing the right windows is essential. We develop energy-efficient PVC window and door systems that help reduce energy consumption and environmental impact.

By choosing our products, you choose not only quality and comfort, but also a meaningful step toward a more responsible lifestyle.



Certifications

At Aplast, quality is not just an objective; it is the foundation upon which we build every product. Our PVC joinery is a seamless blend of technology and strict European standards, guaranteeing long-term performance.

Our commitment to performance: Every window and door shipped from our factory is the result of a controlled manufacturing process, tested and certified to meet the highest demands for energy efficiency, safety, and durability.

 **AEROQ**
Organism Acreditat pentru Certificarea Sistemelor de Management – SR EN ISO/CEI 17021-1
Membru Asociat la Organizația Europeană pentru Calitate - EOQ



CERTIFICAT
nr.: 437 S

Se certifică **Sistemul de Management al Sănătății și Securității în Muncă** al

APLAST WOOD INDUSTRY S.R.L.
România, Sat Ceptura de Jos, Comuna Ceptura, Clădirea Aplast, Județul Prahova

Care este conform cu :
SR EN ISO 45001:2023 / EN ISO 45001:2023

Domeniu: – Execuție și comercializare sisteme de uși și ferestre din profile PVC cu geam termoizolant.
– Proiectare, producție și comercializare de elemente de vitraj termoizolante.

Referințe: Certificat de acreditare RENAR nr. SM 003/31.10.2025
Raport audit nr. 3993/24.11.2025

Data recertificării: 19.12.2025 Data expirării: 18.12.2028 Data certificării inițiale: 07.12.2010

Valabilitatea certificatului este condiționată de efectuarea auditurilor de supraveghere anuale, confirmată prin rapoartele de audit și de reevaluarea completă a SM odată cu recertificarea acestuia înainte de expirarea perioadei de valabilitate (3 ani). Acest certificat poate fi suspendat sau retras, dacă prin auditurile de supraveghere se constată că nu se mențin condițiile în baza cărora a fost emis.

Președinte C.A. Ing. Constantin AVRAM

F-109R-03 / Ed. 7 AEROQ S.A. – Strada Feleacu, nr. 14 B, Sector 1, București, România

 **AEROQ**
Organism Acreditat pentru Certificarea Sistemelor de Management – SR EN ISO/CEI 17021-1
Membru Asociat la Organizația Europeană pentru Calitate - EOQ



CERTIFICAT
nr.: 2092

Se certifică **Sistemul de Management al Calității** al

APLAST WOOD INDUSTRY S.R.L.
România, Sat Ceptura de Jos, Comuna Ceptura, Clădirea Aplast, Județul Prahova

Care este conform cu :
SR EN ISO 9001:2015, EN ISO 9001:2015

Domeniu: – Execuție și comercializare sisteme de uși și ferestre din profile PVC cu geam termoizolant.
– Proiectare, producție și comercializare de elemente de vitraj termoizolante.

Președinte C.A. Ing. Constantin AVRAM

Referințe: Certificat de acreditare RENAR nr. SM 003/31.10.2025
Raport audit nr. 3993/24.11.2025

Data recertificării: 19.12.2025 Data expirării: 18.12.2028 Data certificării inițiale: 07.12.2010

Valabilitatea certificatului este condiționată de efectuarea auditurilor de supraveghere anuale, confirmată prin rapoartele de audit și de reevaluarea completă a SM odată cu recertificarea acestuia înainte de expirarea perioadei de valabilitate (3 ani). Acest certificat poate fi suspendat sau retras, dacă prin auditurile de supraveghere se constată că nu se mențin condițiile în baza cărora a fost emis.

Președinte C.A. Ing. Constantin AVRAM

F-103R-96 / Ed. 12 AEROQ S.A. – Strada Feleacu, nr. 14 B, Sector 1, București, România

 **AEROQ**
Organism Acreditat pentru Certificarea Sistemelor de Management – SR EN ISO/CEI 17021-1
Membru Asociat la Organizația Europeană pentru Calitate - EOQ



CERTIFICAT
nr.: 642 M

Se certifică: **Sistemul de Management de Mediu** al

APLAST WOOD INDUSTRY S.R.L.
România, Sat Ceptura de Jos, Comuna Ceptura, Clădirea Aplast, Județul Prahova

Care este conform cu :
SR EN ISO 14001:2015, EN ISO 14001:2015

Domeniu: – Execuție și comercializare sisteme de uși și ferestre din profile PVC cu geam termoizolant.
– Proiectare, producție și comercializare de elemente de vitraj termoizolante.

Referințe: Certificat de acreditare RENAR nr. SM 003/31.10.2025
Raport audit nr. 3993/24.11.2025

Data recertificării: 19.12.2025 Data expirării: 18.12.2028 Data certificării inițiale: 07.12.2010

Valabilitatea certificatului este condiționată de efectuarea auditurilor de supraveghere anuale, confirmată prin rapoartele de audit și de reevaluarea completă a SM odată cu recertificarea acestuia înainte de expirarea perioadei de valabilitate (3 ani). Acest certificat poate fi suspendat sau retras, dacă prin auditurile de supraveghere se constată că nu se mențin condițiile în baza cărora a fost emis.

Președinte C.A. Ing. Constantin AVRAM

F-106R-2000 / Ed. 9 AEROQ S.A. – Strada Feleacu, nr. 14 B, Sector 1, București, România



Partnership

At Aplast, partnerships are built on real collaboration and shared goals. Over time, we have established a strong partner network that allows us to stay close to our customers across Europe. We distribute our products in Central and Eastern Europe, as well as in countries such as Austria, Belgium, the Czech Republic, France, Italy, Germany, and the Netherlands.

Depending on your business profile and vision, we offer several ways to join the Aplast network:



Reseller / Dealer:

Designed for companies looking to sell Aplast PVC windows and doors to end consumers or developers. You gain access to the full product portfolio, technical support, sales materials, and preferential commercial terms.



Installer / Contractor:

Dedicated to assembly and construction firms that want to offer complete solutions to their clients, from supply to installation. Partnering with Aplast guarantees consistent quality, fast delivery, and technical consulting at every stage of the project.



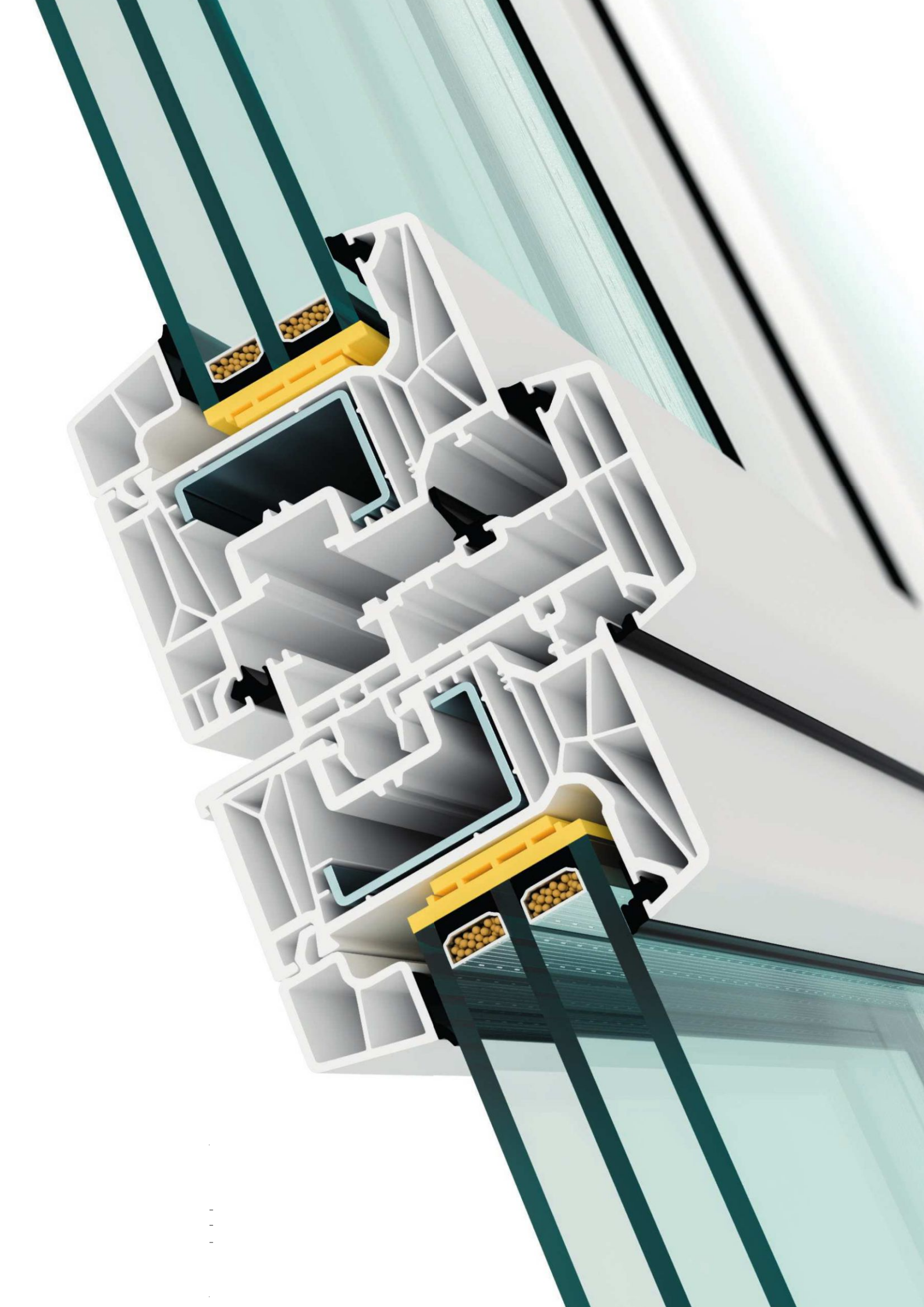
Designer / Architect:

Ideal for design professionals who want to integrate Aplast solutions into their projects. We provide technical documentation, samples, consulting, and guidance in selecting the most efficient PVC systems.

Regardless of the form of collaboration, Aplast partners share a common goal: the desire to deliver quality, professionalism, and innovation in every project.

For more information about the benefits of an Aplast partnership, visit:

<https://aplast.ro/en/partnership/>



PVC Windows

We design and manufacture PVC windows and doors that combine modern aesthetics with advanced technology and long-term durability. We use premium profiles from **Extruplast and VEKA**, recognized across Europe for their material quality, dimensional stability, and flawless appearance.

For a solid structure and lasting strength, all our products are built with galvanized steel reinforcements. This provides enhanced stability and high corrosion resistance, even in high-humidity conditions or fluctuating temperatures.

Whether you choose standard models or custom-made solutions, you can count on carefully crafted products—tested and tailored to meet modern standards for energy efficiency, durability, and aesthetics.

Spektra 60

Arkitek 70

Advantek 76

Veka Softline 70

Veka Softline 82

Slide 70

Spektra 60

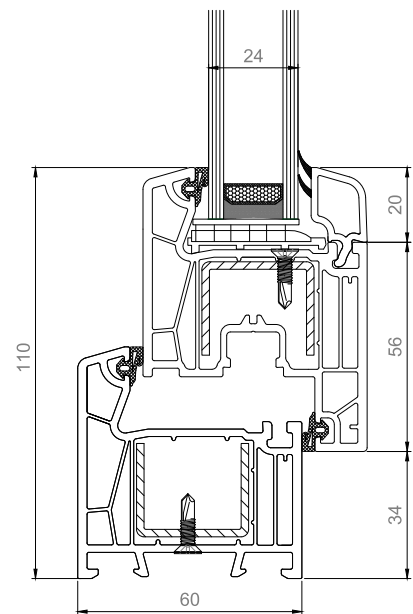


Key Specifications

Thermal transmittance: U_w
(W/m^2K) up to: **1,3**

Insulation
chambers: **5**

Frame
depth: (mm) **60**



The Spektra 60 window is ideal for homes in mild winter climates (Mediterranean or lowland areas), apartment renovations, holiday homes, or commercial and community spaces where a quick return on investment is desired. For peak summer performance, we recommend equipping it with solar control glass to prevent overheating.

Technical Specifications

Thermal transmittance (U_w) up to:	1.3 W/m^2K
Sound insulation (R_w):	33 dB
Frame depth:	60 mm
Insulation chambers:	5 chambers
Double glazing unit:	5 – 32 mm
Energy efficiency rating:	Class B
Air permeability:	Up to Class 4 (EN 12207)
Water tightness:	Up to Class 5A (EN 12208)
Wind load resistance:	Up to Class C4 (EN 12210)
Available finishes:	white, woodgrain finishes

Opening Types

Fixed	✓
Side-hung	✓
Bottom-hung	✓
Tilt & Turn	✓
Sliding	✗
Tilt & Slide	✓
Outward opening	✗
Pivot	✓
180° Reversible	✗

Arkitek 70

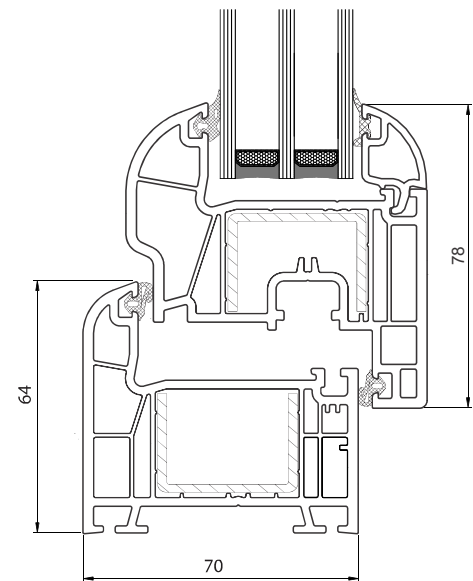


Key Specifications

Thermal transmittance: U_w
(W/m^2K) up to: **0,9**

Insulation
chambers: **5**

Frame
depth: (mm) **70**



Arkitek 70 is the ideal all-season solution for houses and apartments in regions with cold winters and hot summers. Thanks to its rigid structure and excellent thermal insulation, it is highly recommended for high-floor apartments or homes in hilly and mountainous areas where wind pressure resistance is key. Equipped with triple glazing up to 44 mm, it becomes an unbeatable ally for family comfort.

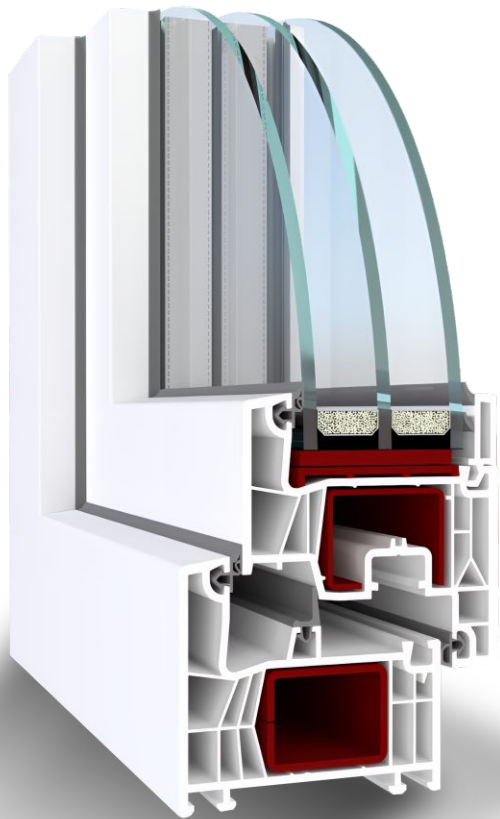
Technical Specifications

Thermal transmittance (U_w) up to:	0.9 W/m^2K
Sound insulation (R_w):	33 dB
Frame depth:	70 mm
Insulation chambers:	5 chambers
Double glazing unit:	5 – 44 mm
Energy efficiency rating:	Class B
Air permeability:	Up to Class 4 (EN 12207)
Water tightness:	Up to Class 7A (EN 12208)
Wind load resistance:	Up to Class C5 (EN 12210)
Available finishes:	white, woodgrain finishes

Opening Types

Fixed	✓
Side-hung	✓
Bottom-hung	✓
Tilt & Turn	✓
Sliding	✗
Tilt & Slide	✓
Outward opening	✗
Pivot	✓
180° Reversible	✗

Advantek 76

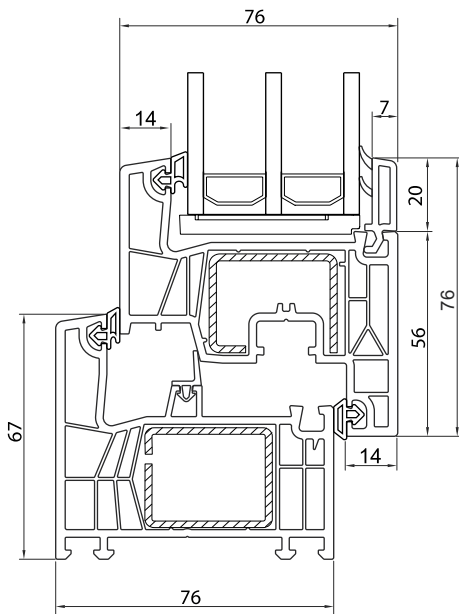


Key Specifications

Thermal transmittance: Uw
(W/m²K) up to: **0,79**

Insulation
chambers: **6**

Frame
depth: (mm) **76**



Advantek 76 marks the shift toward a new generation of high-performance energy windows. Featuring a 76 mm installation depth and a complex 6-chamber structure, this system incorporates a third sealing gasket (center seal). The result is an exceptional thermal and acoustic barrier capable of withstanding extreme weather conditions and delivering significant energy savings.

Technical Specifications

Thermal transmittance (Uw) up to:	0.79 W/m²K
Sound insulation (Rw):	36 dB
Frame depth:	76 mm
Insulation chambers:	6 chambers
Double glazing unit:	5 – 48 mm
Energy efficiency rating:	Class B
Air permeability:	Up to Class 4 (EN 12207)
Water tightness:	Up to Class 8A (EN 12208)
Wind load resistance:	Up to Class C3 (EN 12210)
Available finishes:	white, woodgrain finishes

Opening Types

Fixed	✓
Side-hung	✓
Bottom-hung	✓
Tilt & Turn	✓
Sliding	✗
Tilt & Slide	✓
Outward opening	✗
Pivot	✓
180° Reversible	✗

Softline 70

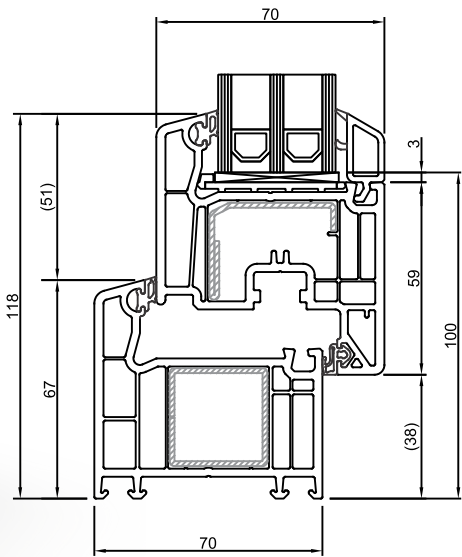


Key Specifications

Thermal transmittance: U_w
(W/m^2K) up to: **1,0**

Insulation
chambers: **5**

Frame
depth: (mm) **70**



Softline 70 is the premium choice in the 70 mm class, recommended for clients seeking a lifetime investment. Thanks to its Class A certification and 36 dB sound insulation, it is perfect for villas and apartments located in noisy urban environments, high-traffic areas, or regions exposed to severe weather and strong winds (such as upper floors or mountain areas).

Technical Specifications

Thermal transmittance (U_w) up to:	1.0 W/m^2K
Sound insulation (R_w):	36 dB
Frame depth:	70 mm
Insulation chambers:	5 chambers
Double glazing unit:	24 – 40 mm
Energy efficiency rating:	Class A
Air permeability:	Up to Class 4 (EN 12207)
Water tightness:	Up to Class 6A (EN 12208)
Wind load resistance:	Up to Class C5 (EN 12210)
Available finishes:	white, woodgrain finishes

Opening Types

Fixed	✓
Side-hung	✓
Bottom-hung	✓
Tilt & Turn	✓
Sliding	✗
Tilt & Slide	✓
Outward opening	✗
Pivot	✓
180° Reversible	✗

Softline 82

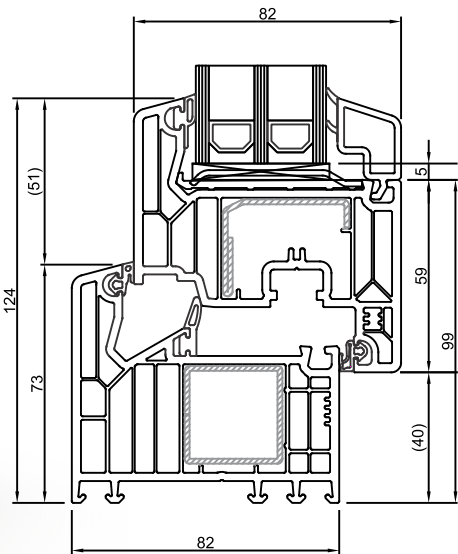


Key Specifications

Thermal transmittance: Uw
(W/m²K) up to: **0,67**

Insulation
chambers: **7**

Frame
depth: (mm) **82**



Made with premium profiles from the German manufacturer VEKA, the Softline 82 window represents excellence in thermal insulation engineering. Classified as Class A (3 mm thick outer walls) with a 7-chamber structure and 3 sealing gaskets, this window is engineered for luxury residential projects, passive houses, or nearly Zero Energy Buildings (nZEB). It is a strategic investment that significantly enhances any property's market value.

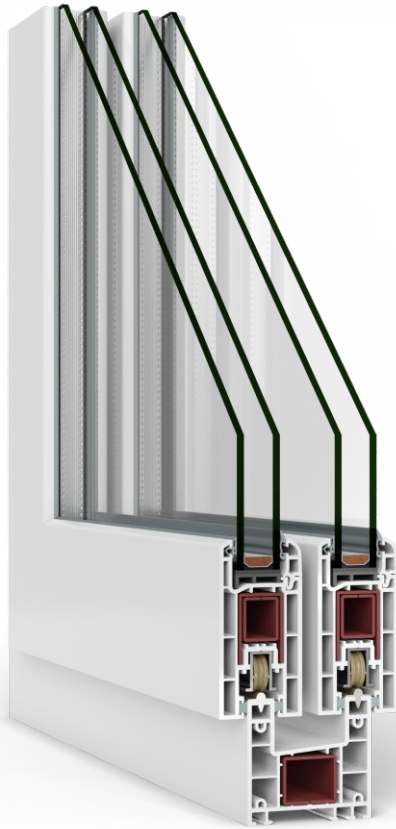
Technical Specifications

Thermal transmittance (Uw) up to:	0.67 W/m²K
Sound insulation (Rw):	47 dB
Frame depth:	82 mm
Insulation chambers:	7 chambers
Double glazing unit:	24 – 52 mm
Energy efficiency rating:	Class A
Air permeability:	Up to Class 4 (EN 12207)
Water tightness:	Up to Class 9A (EN 12208)
Wind load resistance:	Up to Class C5 (EN 12210)
Available finishes:	white, woodgrain finishes

Opening Types

Fixed	✓
Side-hung	✓
Bottom-hung	✓
Tilt & Turn	✓
Sliding	✗
Tilt & Slide	✓
Outward opening	✗
Pivot	✓
180° Reversible	✗

Slide 70

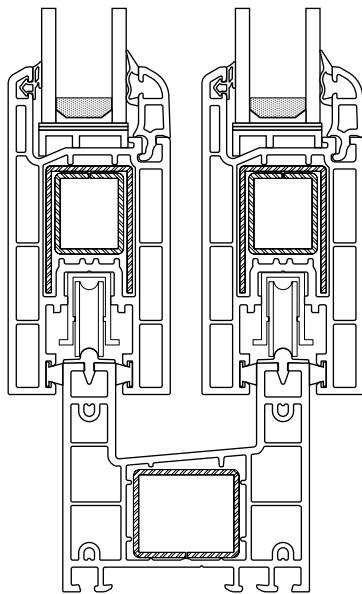


Key Specifications

Thermal transmittance: U_w
(W/m^2K) up to: **1,8**

Insulation
chambers: **3**

Frame
depth: (mm) **70**



Slide 70 is a modern PVC sliding window and door system engineered to maximize natural light and build a seamless connection between indoors and outdoors. Thanks to its sliding mechanism, the sash takes up no interior space when opened, making it an ideal solution for balconies, patios, and rooms where every square meter counts. Built with a 70 mm depth PVC profile and 3 insulation chambers, the Slide 70 system offers an optimal balance between functionality, durability, and cost.

Technical Specifications

Thermal transmittance (U_w) up to:	1.8 W/m^2K
Sound insulation (R_w):	28 dB
Frame depth:	70 mm
Insulation chambers:	3 chambers
Double glazing unit:	4 – 20 mm
Energy efficiency rating:	Class B
Air permeability:	Up to Class 4 (EN 12207)
Water tightness:	Up to Class 4A (EN 12208)
Wind load resistance:	Up to Class C3 (EN 12210)
Available finishes:	white, woodgrain finishes

Opening Types

Fixed	✓
Side-hung	✗
Bottom-hung	✗
Tilt & Turn	✗
Sliding	✓
Tilt & Slide	✗
Outward opening	✗
Pivot	✗
180° Reversible	✗



Spektra 60



Arkitek 70

Key Specifications

Thermal transmittance: U_w
(W/m^2K) up to:

1,3

0,9

Insulation
chambers:

5

5

Frame
depth: (mm)

60

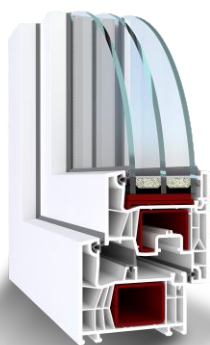
70

Technical Specifications

Double glazing unit:	5 – 32 mm	5 – 44 mm
Sound insulation (R_w):	33 dB	33 dB
Number of sealing gaskets:	2	2
Energy efficiency rating:	Class B	Class B
Air permeability:	4 (EN 12207)	4 (EN 12207)
Water tightness:	5A (EN 12208)	7A (EN 12208)
Wind load resistance:	C4 (EN 12210)	C5 (EN 12210)
Available finishes:	white, woodgrain finishes	white, woodgrain finishes

Opening Types

Fixed	✓	✓
Side-hung	✓	✓
Bottom-hung	✓	✓
Tilt & Turn	✓	✓
Sliding	✗	✗
Tilt & Slide	✓	✓
Outward opening	✗	✗
Pivot	✓	✓
180° Reversible	✗	✗



Advantek 76



Softline 70



Softline 82



Slide 70

0,79

1,0

0,67

1,8

6

5

7

3

76

70

82

70

5 – 48 mm

24 – 40 mm

24 – 52 mm

4 – 20 mm

36 dB

36 dB

47 dB

28 dB

3

2

3

2

Class B

Class A

Class A

Class B

4 (EN 12207)

4 (EN 12207)

4 (EN 12207)

4 (EN 12207)

8A (EN 12208)

6A (EN 12208)

9A (EN 12208)

4A (EN 12208)

C3 (EN 12210)

C5 (EN 12210)

C5 (EN 12210)

C3 (EN 12210)

white,
woodgrain finishes

white,
woodgrain finishes

white,
woodgrain finishes

white,
woodgrain finishes

✓

✓

✓

✓

✓

✓

✓

×

✓

✓

✓

×

✓

✓

✓

×

×

×

×

✓

✓

✓

✓

×

×

×

×

×

✓

✓

✓

×

×

×

×

×



Hardware

A window's performance depends not only on the profile and glass, but also on the quality of the hardware that ensures the daily operation of the system. The hardware used in modern PVC windows is engineered for smooth operation, efficient sealing, and high security.

Thanks to robust components and advanced locking systems, our windows benefit from a long service life, high resistance to heavy use, and added protection against burglary attempts. Integrated features, such as micro-ventilation and multi-point adjustments, help create a comfortable and healthy indoor climate.

Choosing high-quality hardware guarantees a reliable, secure, and efficient joinery system over the long term.





Side-Hung / Tilt & Turn Opening

The side-hung and tilt & turn opening system is the most widely used solution for PVC windows, owing to its versatility and everyday convenience. It allows for full sash opening for easy access and quick ventilation, as well as a tilted position ideal for controlled, draft-free room ventilation.

Modern hardware mechanisms ensure smooth operation, efficient sealing, and high security, maintaining the home's thermal and acoustic comfort.

Technical Specifications

Maximum opening:	1600x2450 mm
Maximum weight:	130 kg
Number of sashes:	1÷2
Hinges:	Visible/Concealed
Security rating:	Standard/RC1/RC2/RC3
Micro-ventilation:	Yes



Two-Stage Opening System

This system enables controlled ventilation in two opening positions (80 mm and 140 mm), supplying an optimal amount of fresh air as needed. The sash is secured in the ventilation position to prevent sudden slamming caused by wind or drafts, ensuring enhanced comfort and safe operation.



Night Ventilation

The night ventilation solution provides a continuous flow of fresh air through a subtle opening without compromising home security. Easy to install, it is an ideal option for rooms requiring constant ventilation. Multi-stage versions allow precise adjustment of the opening gap for extra flexibility and comfort.



Window Automation

The E-Tec Drive system enables automated opening and closing of windows, promoting a healthy indoor climate and energy-efficient ventilation. By integrating a temperature sensor, ventilation can be managed automatically based on room conditions.

Ideal for bathrooms, bedrooms, and living spaces, the system prevents condensation and mold while helping to reduce heating costs. Manual operation remains available at all times, and the mechanism supports sashes weighing up to 100 kg.



Mishandling Device

This mechanism prevents improper window operation and helps maintain perfect sash alignment over time. By reducing stress on the hardware, the system increases durability and ensures reliable, long-term operation. It can be retrofitted and is compatible with numerous window types and hardware systems.



Concealed Hinges

Concealed hinges offer a modern, sleek design by completely hiding visible hardware components when the window is closed. The result is a premium appearance with clean lines that seamlessly integrates into any architectural style. Compatible with PVC, aluminum, and timber profiles, these hinges support sash weights exceeding 100 kg without compromising aesthetics or performance.



Sliding / Tilt & Slide

Sliding and tilt & slide systems optimize usable space by moving the sash laterally along track rails. This eliminates the interior or exterior opening swing radius, giving complete freedom in interior layout.

The tilt & slide variant adds a tilt function for controlled background ventilation. Ergonomic hardware ensures smooth, quiet operation, even for large glazed surfaces.

Technical Specifications

Maximum opening:	2000x2370 mm
Maximum weight:	200 kg
Number of sashes:	1÷2
Hinges:	Visible
Security rating:	Standard/RC1/RC2/RC3
Micro-ventilation:	Yes



Maximum Operating Comfort

The parallel sliding mechanism delivers smooth, quiet, and effortless door opening and closing. Innovative damping elements ensure controlled, precise sash movement throughout its entire travel distance. When operating the handle, the sash automatically moves into the sliding position, eliminating the need to push it manually. As a result, even large doors weighing up to 200 kg can be handled with ease and comfort.

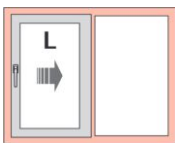


Home Security

Balcony and patio doors are among the most vulnerable entry points in a home. Therefore, these hardware systems are equipped with advanced security components, such as mushroom cams, special keeper plates, and locking handles.

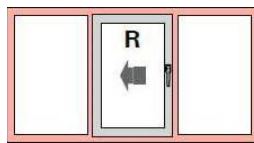
Protection levels can be customized to match specific project requirements, offering enhanced anti-burglary defense. The parallel sliding system also allows for night ventilation without altering the door's exterior appearance. From the outside, the ventilation position remains virtually imperceptible, while the security elements continue to provide effective protection against unauthorized access.

Structural Configuration Schemes



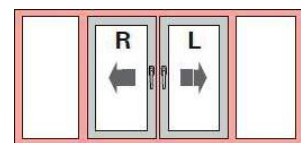
Scheme A:

- 1 sliding sash (L or R)
- 1 fixed pane or fixed sash



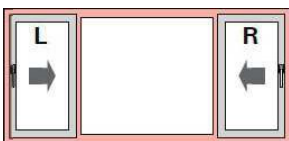
Scheme G:

- 1 sliding sash (L or R)
- 1 fixed pane or fixed sash



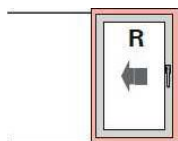
Scheme C:

- 2 sliding sashes (L and/or R) with central mullion,
- 2 fixed panes or fixed sashes



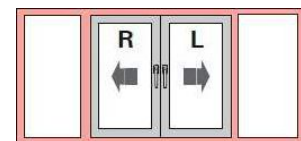
Scheme K:

- 2 sliding sashes (L or R)
- 1 fixed pane or fixed sash



Scheme B:

- 1 sliding sash (L or R)
- 1 interior frame flush with the wall



Scheme C:

- 2 sliding sashes (L and/or R) without central mullion
- 2 fixed panes or fixed sashes



Bi-Fold / Accordion Opening

Accordion bi-fold systems are engineered for wide openings, creating a seamless connection between indoor and outdoor spaces. The panels fold laterally, taking up minimal space and opening up almost the entire structural opening.

This solution is widely used in modern residential projects, restaurants, patios, and commercial spaces. Specialized hardware delivers smooth operation, stability, and durability, even for large assemblies.

Technical Specifications

Maximum opening:	900x2450 mm
Maximum weight:	80 kg/sash
Number of sashes:	3÷7
Hinges:	Visible
Security rating:	Standard/RC1/RC2/RC3
Micro-ventilation:	No

Barrier-Free Access

The low-threshold design provides a comfortable, safe transition between indoors and outdoors, eliminating tripping hazards and facilitating access to the patio, balcony, or garden. This solution contributes to the home's energy efficiency and is ideal for families with children, the elderly, or individuals with reduced mobility. The cover profile features non-slip ridges for added safety and protects the pass-through area against dirt and wear.



Comfort and Flexibility

The Fold & Slide hardware system allows for expansive openings up to 6 meters wide, delivering an elegant connection between interior and exterior spaces. Sashes fold and slide to the side, saving space and offering intuitive operation. An independent active sash can be used for daily access or ventilation without opening the entire assembly. For quiet, long-lasting operation, the system can be equipped with bearing-optimized bogies and special rollers designed for heavy use. A low threshold for barrier-free access is also available as an option.



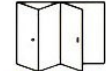
Security

The system combines advanced burglary protection with a modern, refined design. Concealed hinge fixings contribute to a clean look and eliminate visible elements that could disrupt aesthetics. For high-security projects, electronic position-monitoring sensors (open/closed) can be integrated alongside alarm and intrusion detection systems.

Configuration Options

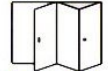
The Fold & Slide system offers numerous configuration options to suit diverse architectural and functional requirements. Hinges are available in silver, white, and medium bronze finishes, complete with decorative caps for a cohesive, elegant appearance.

SCHEME 330



3 Folding Doors 0 Main Opening Sash

SCHEME 331



SCHEME 431



3 Folding Doors 1 Main Opening Sash

SCHEME 432



SCHEME 550



5 Folding Doors 0 Main Opening Sash

SCHEME 551



SCHEME 633



3+3 Folding Doors 0 Main Opening Sash

SCHEME 634

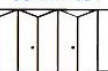


SCHEME 633



6 Folding Doors 1 Main Opening Sash

SCHEME 634





Lift & Slide Opening

Lift & Slide systems are engineered for expansive glass surfaces, delivering an outstanding balance of design, comfort, and performance. Turning the handle slightly lifts the sash, allowing it to slide effortlessly regardless of its weight.

When closed, the system forms an airtight seal against drafts, moisture, and outdoor noise. Thanks to their smooth operation and sleek aesthetic, Lift & Slide systems are the preferred choice for contemporary homes, luxury villas, and high-end architectural projects.

Technical Specifications

Maximum opening:	1500x2300 mm
Maximum weight:	100 kg
Number of sashes:	2÷4
Hinges:	Visible
Security rating:	Standard
Micro-ventilation:	Yes



High Load-Bearing Capacity

Hardware for Lift & Slide systems provides unobstructed views and broad horizons. Even with total widths up to 13 meters, the exceptional load capacity supports clear openings over 6.5 meters with no pathway obstructions. This makes the system ideal for all standard types of Lift & Slide windows and doors, whether made from timber, PVC, or aluminum.



Accessibility and Easy Operation

Multiple components seamlessly combine with the Atrium HS Lift & Slide system. The threshold enables completely barrier-free, floor-level access thanks to its low-profile running rail. A damper mechanism ensures smooth handle operation, while the Comfort Close system gently slows down the sash and automatically pulls it into its final locked position.



Secure Night Ventilation

The system provides optimal, secure night ventilation. Security can be further upgraded with HS Safe technology, which effectively prevents the sash from being pried open from the outside when closed.



Fast Installation

The Atrium HS Lift & Slide system is designed for quick and easy installation. Direct slide-on running rails, simple frame corner fixings, and pre-assembled thresholds significantly speed up assembly and simplify hardware installation.



Smooth Running Performance

The running rails feature excellent corrosion protection and built-in cleaning brushes that automatically clean the track every time the sash opens or closes. The rollers are effectively shielded against dirt and long-term wear, and the mechanism optimizes load distribution over the tandem bogies during operation. Choosing this hardware system guarantees smooth, quiet, and flawless performance for years to come.



**Side-Hung /
Tilt & Turn Opening**

Technical Specifications

Maximum opening:	1600x2450 mm
Maximum weight:	130 Kg
Number of sashes:	1÷2
Hinges:	Visible / Concealed
Security rating:	Standard/RC1/RC2/RC3
Micro-ventilation:	Yes

Special Opening Systems

We provide a wide range of solutions for residential and commercial projects, tailored to the most diverse design and functional requirements.

To select the most suitable configuration, we recommend consulting our specialists, who can provide the optimal solution based on structural opening dimensions, frequency of use, and security requirements.

The most popular and versatile solution for modern homes. The system allows for side opening as well as tilt-in ventilation, providing maximum flexibility in daily use. The ventilation position delivers a continuous supply of fresh air, while safety mechanisms prevent accidental sash operation.

Key Advantages:

- simple and intuitive operation;
- efficient ventilation;
- multiple security options;
- compatible with concealed hinges;
- optimal cost-to-performance ratio.



**Sliding /
Tilt & Slide**



**Bi-Fold /
Accordion Opening**



**Lift &
Slide Opening**

2000x2370 mm	900x2450 mm	1500x2300 mm
200 Kg	80 Kg	100 Kg
1÷2	3÷7	2÷4
Visible	Visible	Visible
Standard/RC1/RC2/RC3	Standard/RC1/RC2/RC3	Standard/RC1/RC2/RC3
Yes	No	Yes

Opening The ideal solution for large glazed areas and spaces where space-saving is essential. The system enables parallel sash sliding and provides expansive openings without taking up extra interior room.

Key Advantages:

- space-saving design;
- extended glazed surfaces;
- comfortable operation;
- high sealing performance;
- controlled ventilation.

Bi-fold pivot doors completely transform the relationship between interior and exterior, allowing almost the entire opening to be cleared. Sashes fold laterally, offering panoramic views and an unobstructed pass-through to patios, gardens, or commercial spaces.

Key Advantages:

- extra-wide openings;
- striking visual appearance;
- high flexibility;
- easy outdoor access;
- premium solution for modern projects.

Lift & Slide Opening The premium solution for large openings and impressive glass facades. The lifting mechanism reduces the effort required to operate even very heavy sashes, ensuring smooth and comfortable motion.

Key Advantages:

- expansive panoramas;
- abundant natural light;
- effortless operation;
- excellent weather tightness;
- sleek, minimalist design.

Window Security Levels

The more accessible a window is, the more vulnerable it becomes to burglary attempts. For easily accessible windows, such as ground-floor units, we recommend higher security classes.

For hard-to-reach windows, a basic security level is generally sufficient.

Security Ratings (RC – Resistance Class)

Standard Level:

Represents a basic level of security that prevents prying the sash away from the frame.

Medium Level (RC1):

Statically tested up to 3 kN. Dynamically tested with a 50 kg load from a drop height of 450 mm. Resistance against tool set A1 for a given period (pliers, utility knife, putty knife, wire cutter, steel wire, universal lock keys).

Premium Level (RC2):

Statically tested up to 3 kN. Dynamically tested with a 50 kg load from a drop height of 450 mm. Resistance against tool set A2 for a minimum of 3 minutes (pipe wrench, plastic wedges, wooden wedges, hand saw, steel extension tube).

Security Mechanisms

Security ratings are determined by the locking mechanism, locking point placement, the material of the security lock plates, bolt types, locking handles, and protective shields. For enhanced safety, additional hardware is used to reinforce locking mechanisms, and burglar-resistant laminated glass (minimum 6 mm thickness) is installed.



Standard Security Level



- Resistance against occasional/opportunistic burglary attempts.
- Lock Plates: 6 standard lock plates.
- Lockable Handle: No.
- Burglar-Resistant Glass: No.

Recommended for extremely hard-to-reach windows (e.g., upper balconies) where basic safety is sufficient.



Medium Security Level (RC1)



- Resistance against physical force (kicking, shoulder pushes, vandalism).
- Lock Plates: 6 standard + 1 steel alloy lock plate.
- Lockable Handle: Yes.
- Burglar-Resistant Glass: 6 mm.

Recommended for low-risk areas, ground floor, and balcony windows that are not easily accessible. Protects against opportunistic break-ins and forced entry by prying or pushing.



Premium Security Level (RC2)

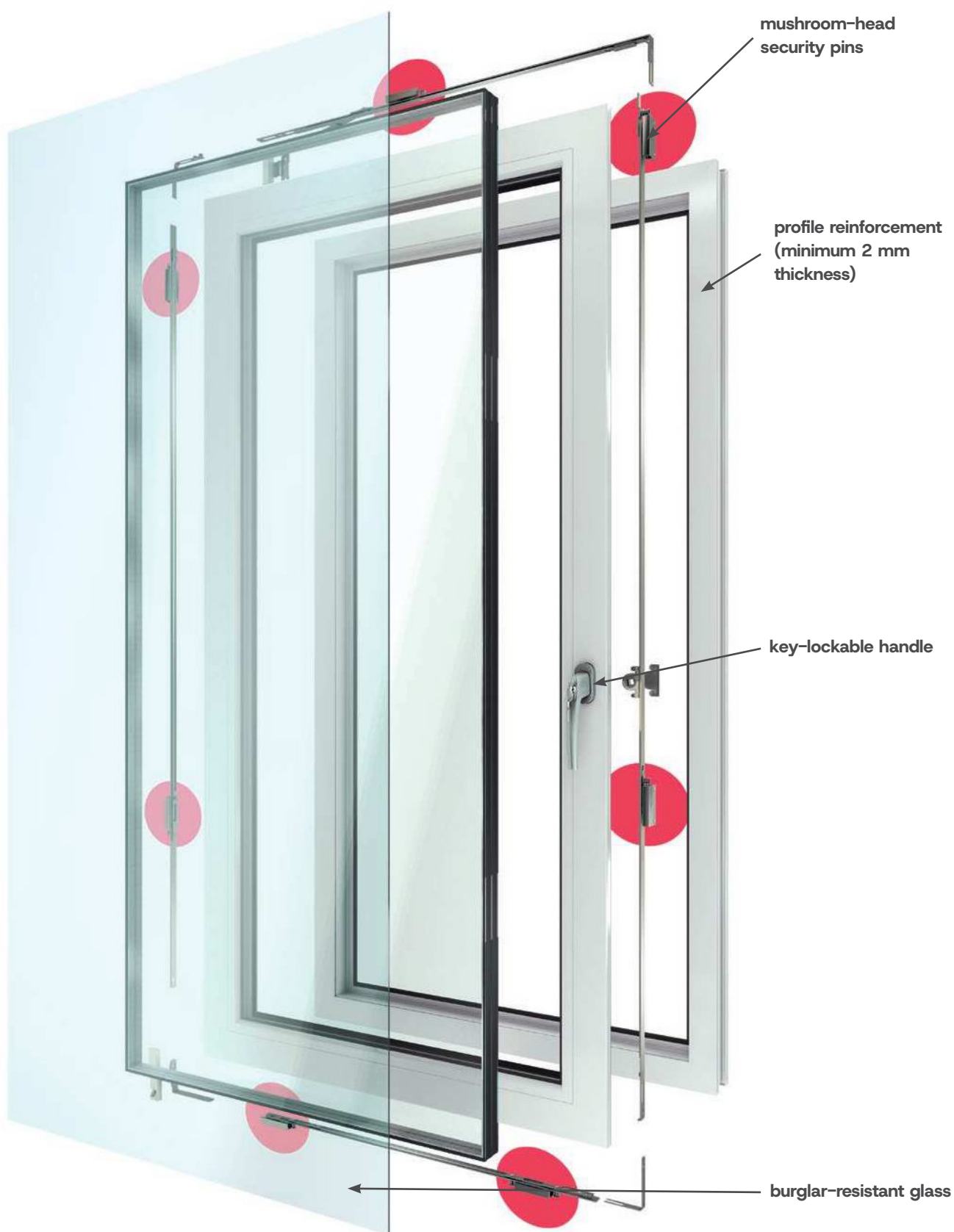


- Resistance against lever tools like screwdrivers and crowbars.
- Lock Plates: 7 steel alloy lock plates.
- Lockable Handle: Yes.
- Burglar-Resistant Glass: 6 mm.

Recommended for medium-risk areas, ground floor, and basement windows directly accessible from the outside. Protects against forced entry attempts using heavy hand tools.

● Standard lock plates

● Steel alloy lock plates





Mushroom-head security pins

Mushroom-head security pins are among the most effective solutions against forced entry attempts via prying. Made from high-strength alloys, these cams interlock securely with the frame-mounted strike plates, forming a locking system that prevents the sash from being lifted or pried open from the outside. Unlike traditional closing mechanisms designed primarily for weather sealing, mushroom-head pins significantly boost burglary resistance and form the backbone of modern RC1, RC2, and RC3 security ratings.

Key Advantages:

- high resistance to prying attempts;
- secure perimeter locking;
- anti-lift protection;
- precise and durable operation;
- fully compliant with RC security standards.



Security Handles

Security handles are designed to prevent manipulation of the locking mechanism from the outside, serving as a critical component of burglar-resistant windows. Premium models feature key locking mechanisms and anti-manipulation gear that prevent activation of the hardware through profile drilling or forced mechanical displacement.



Anti-Drilling & Anti-Manipulation Protection

For a superior level of protection, handles can be equipped with internal steel protective plates designed to block drill access to the gearbox. These specialized components shield vulnerable gear transmission areas, significantly reducing break-in risks from common burglary techniques. In combination with mushroom cams, steel strike plates, and laminated security glass, they help achieve the highest resistance classes.



Glass

The performance of our glazing solutions is backed by two fully automated production lines, where cutting-edge technology meets precision manufacturing. This automated workflow allows us to guarantee consistent quality and thermal efficiency for every insulated glass unit shipped.

We specialize in manufacturing a complete range of insulated glass units (Double and Triple Glazing), integrating advanced functional features: from solar control and sound insulation to laminated and toughened safety glass.

We offer versatile configurations with unit thicknesses ranging from 24 mm to 52 mm, tailored to meet demanding architectural projects.

Glazing Options

Glass types designed for comfort, safety, and energy efficiency.

Modern windows offer far more than just natural light. Choosing the right glass configuration significantly improves home energy efficiency, noise reduction, safety, and daily comfort. Depending on project specifications, glass units can be configured for solar control, burglary protection, acoustic insulation, enhanced privacy, or impact resistance.



Solar Control Glass

Solar control glass is engineered to reduce solar heat gain while preserving natural light transmission. During summer, it prevents interior overheating and lowers air conditioning demands. During winter, its thermal insulation properties retain indoor heat, minimizing energy losses.

Key Advantages:

- reduces indoor greenhouse effect;
- lowers cooling energy costs;
- protects furniture and flooring from UV fading;
- ideal for large glass facades facing south or west.

Recommended For:

- residences with expansive glazed surfaces;
- sliding doors and curtain walls;
- commercial and office buildings;
- passive and energy-efficient homes.

Glass Portfolio

Clear Glass

Low-E Glass

Laminated Safety Glass

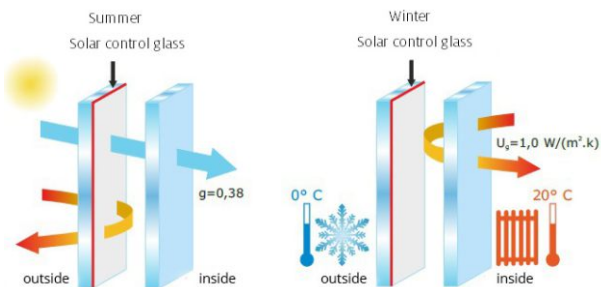
Reflective Glass

Solar Control Glass

Ornamental (Translucent) Glass

Decorative Glass

Mirror Glass





Tempered Safety Glass

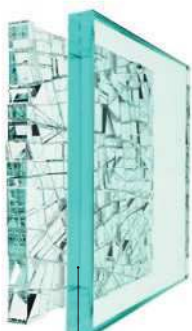
Tempered glass is produced through a specialized thermal tempering process that makes it up to five times stronger than standard annealed glass. If broken, it shatters into small, blunt-edged fragments, drastically reducing the risk of injury.

Key Advantages:

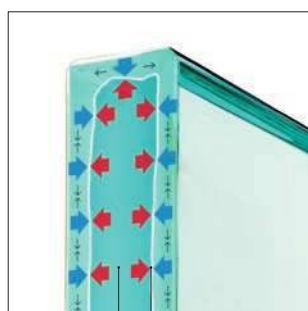
- high mechanical impact resistance;
- safe breakage characteristics;
- high thermal shock resistance;
- long-term durability under heavy use.

Recommended For:

- glass doors;
- large-format windows;
- balustrades and glass partitions;
- high-traffic areas or impact-prone locations.



Toughened Glass
Glass Surface in Compression
($>10,000$ psi)



Stress Balancing
Central Tension Zone



Laminated Glass

Laminated glass consists of two or more glass sheets bonded together with one or more specialized PVB (Polyvinyl Butyral) interlayers. In the event of breakage, glass fragments adhere to the interlayer, minimizing injury risks and preventing an opening from being created for unauthorized entry.

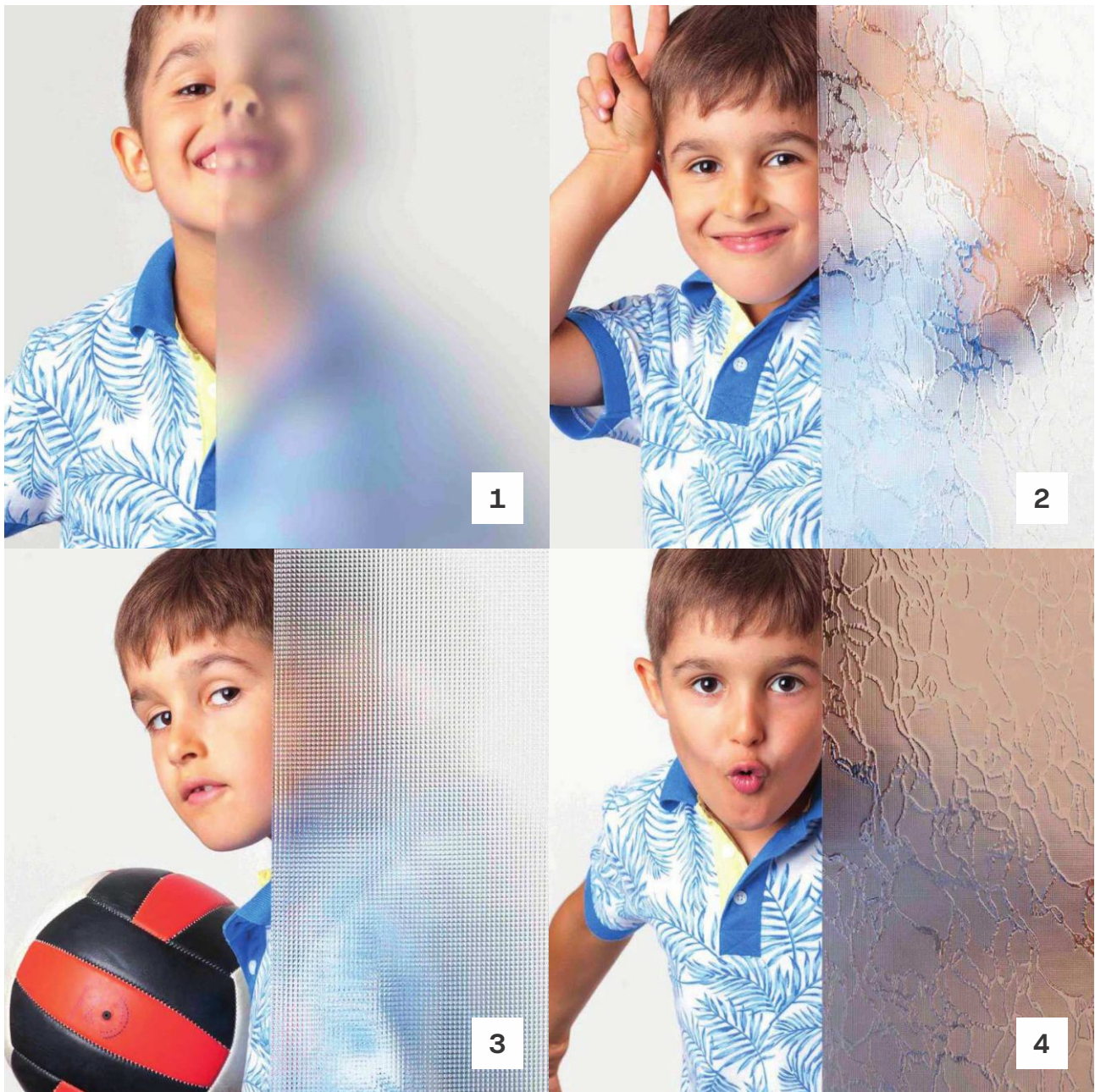
Key Advantages:

- enhanced burglary protection;
- improved safety for occupants;
- reduced accident risk;
- superior sound insulation performance;
- effective UV filtration.

Recommended For:

- high-security windows and doors;
- urban/high-density housing; schools, kindergartens, and public buildings;
- large exposed glazed surfaces.

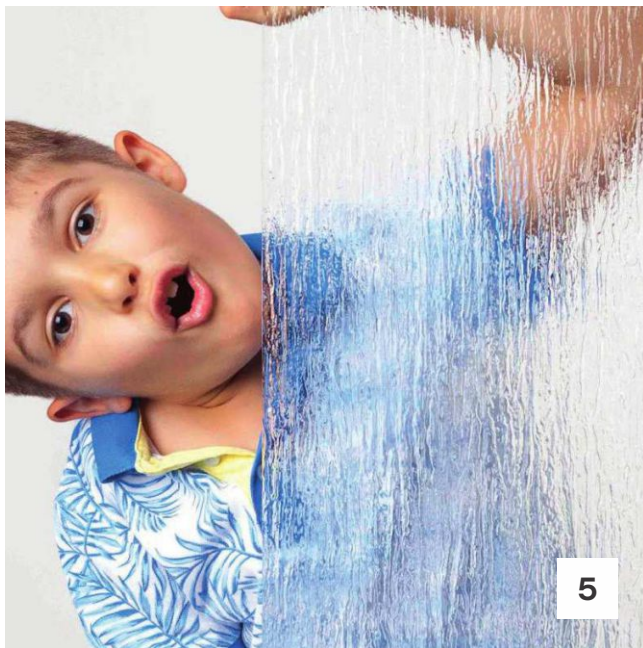




Decorative Glass

Decorative glass elevates windows and doors into stylish architectural design elements, offering a balance between natural illumination, privacy, and visual appeal.

Available in a wide selection of textures, patterns, and finishes, it allows full customization to suit any architectural style.



1. Sandblasted
2. Delta Clear
3. Krizet

4. Delta Bronze
5. Bark Clear
6. Chinchilla Clear

7. Bark Bronze
8. Chinchilla Bronze

Thermal and Acoustic Performance of Popular Glass Configurations

Double Glazing / 24 mm	Glass/Argon/Glass	U _g	S _F	L _T	S=L _T /S _F	R _w (C,Ctr)
	mm/mm/mm	W/m²K	%	%		dB
Standard	4/16Ar/4	1,1	64	82	1,28	30 (-1, -4)
Solar Control	4/16Ar/4	1,0	42	66	1,57	30 (-1, -4)
Solar & Thermal+	4/16Ar/4	1,0	41	73	1,78	30 (-1, -4)
External Laminated	3.3.1/14Ar/4	1,1	59	81	1,37	35 (-1, -5)
Internal Laminated	4/14Ar/3.3.1	1,1	64	81	1,27	35 (-1, -5)
Internal Laminated – Solar Control	4/14Ar/3.3.1	1,1	42	65	1,55	35 (-1, -5)
Internal Laminated – Solar & Thermal+	4/14Ar/3.3.1	1,1	41	73	1,78	35 (-1, -5)
External Toughened	6/14Ar/4	1,1	63	81	1,29	36 (-1, -5)
External Toughened – Solar Control	6/14Ar/4	1,1	41	65	1,59	36 (-1, -5)
External Toughened – Solar & Thermal+	6/14Ar/4	1,1	41	73	1,78	36 (-1, -5)
Internal Toughened	4/14Ar/6	1,2	66	82	1,24	36 (-1, -5)
Internal Toughened – Solar Control	4/14Ar/6	1,1	42	65	1,55	36 (-1, -5)
Internal Toughened – Solar & Thermal+	4/14Ar/6	1,1	41	73	1,78	36 (-1, -5)
Ornamental	4/16Ar/4	1,1	63	81	1,29	30 (-1, -4)
Ornamental – Solar Control	4/16Ar/4	1,0	42	65	1,55	30 (-1, -4)
Ornamental – Solar & Thermal+	4/16Ar/4	1,0	41	73	1,78	30 (-1, -4)

How to Interpret the Table Values

U_g (W/m²K) – Glass Thermal Transmittance Coefficient

Represents the glass unit's ability to limit heat loss. Lower values indicate superior thermal insulation, directly reducing heating and cooling energy consumption.

SF (%) – Solar Factor (g-value)

Indicates the percentage of solar energy entering the interior through the glass. Lower values mean better solar heat protection (recommended for large glass areas or south- and west-facing facades).

LT (%) – Light Transmittance

Shows the percentage of natural daylight passing through the glass unit. Higher values maximize daylight intake, enhancing visual comfort and reducing electrical lighting needs.

S = LT / SF – Glass Selectivity Index

Expresses the ratio between transmitted light and admitted solar energy. Higher values indicate higher efficiency, letting natural light in while blocking excessive heat gain.

R_w (C; Ctr) [dB] – Sound Insulation

Measures noise reduction performance against outdoor sound. Higher R_w values provide better acoustic insulation (recommended for properties near heavy traffic, commercial zones, or airports).

Double Glazing / 28 mm	Glass/Argon/Glass	U _g	S _F	L _T	S=L _T /S _F	R _w (C,Ctr)
	mm/mm/mm	W/m²K	%	%		dB
Standard	4/20Ar/4	1,2	64	82	1,28	31 (-1, -4)
Standard	6/16Ar/6	1,1	64	82	1,28	32 (-1, -3)
Solar & Thermal+	6/16Ar/6	1,0	41	73	1,78	32 (-1, -4)
External Laminated	3.3.1/18Ar/4	1,1	59	81	1,37	35 (-1, -5)
Internal Laminated	4/18Ar/3.3.1	1,1	64	81	1,27	35 (-1, -5)
Superior Internal Laminated – Solar & Thermal+	4/16Ar/4.4.2	1,0	41	73	1,78	37 (-2 -6)
Internal and External Laminated	3.3.1/16Ar/3.3.1	1,1	59	81	1,37	36 (-1, -5)
External Toughened – Solar & Thermal+ & Internal Laminated	6/16Ar/3.3.1	1,0	41	73	1,78	34 (-1, -5)
External Laminated – Internal Toughened	3.3.1/16Ar/6	1,1	59	81	1,37	34 (-1, -5)

Double Glazing / 32 mm	Glass/Argon/Glass	U _g	S _F	L _T	S=L _T /S _F	R _w (C,Ctr)
	mm/mm/mm	W/m²K	%	%		dB
Superior External Laminated	4.4.2/18Ar/6	1,1	57	80	1,40	37 (-1, -3)
Superior Internal Laminated	6/18Ar/4.4.2	1,1	62	80	1,29	37 (-1, -3)
Superior Internal Laminated – Solar Control	6/18Ar/4.4.2	1,0	41	64	1,56	37 (-1, -3)
Superior Internal Laminated – Solar & Thermal+	6/18Ar/4.4.2	1,0	41	72	1,76	37 (-1, -3)
Superior External Laminated – Internal Toughened	4.4.2/18Ar/6	1,1	59	80	1,36	37 (-1, -3)
External Toughened – Superior Internal Laminated	6/18Ar/4.4.2	1,1	62	80	1,29	37 (-1, -3)
External Toughened – Solar Control & Superior Internal Laminated	6/18Ar/4.4.2	1,0	42	64	1,52	37 (-1, -3)
External Toughened – Solar & Thermal+ & Internal Laminated	6/18Ar/4.4.2	1,0	42	72	1,71	37 (-1, -3)

Thermal and Acoustic Performance of Popular Glass Configurations

Triple Glazing / 42 mm	Glass/Argon/Glass	U _g	S _F	L _T	S=L _T /S _F	R _w (C,Ctr)
	mm/mm/mm	W/m²K	%	%		dB
Standard	4/14Ar/4/16Ar/4	0,6	53	74	1,40	33 (-2, -6)
Solar Control	4/14Ar/4/16Ar/4	0,6	38	60	1,58	33 (-2, -6)
Solar & Thermal+	4/14Ar/4/16Ar/4	0,6	38	67	1,76	33 (-2, -6)
External Laminated	3.3.1/14Ar/4/14Ar/4	0,6	49	73	1,49	36 (-2 -8)
Internal Laminated	4/14Ar/4/14Ar/3.3.1	0,6	52	73	1,40	36 (-2, -8)
Internal Laminated – Solar Control	4/14Ar/4/14Ar/3.3.1	0,6	38	59	1,55	36 (-2, -8)
Internal Laminated – Solar & Thermal+	4/14Ar/4/14Ar/3.3.1	0,6	38	66	1,74	36 (-2, -6)
External Toughened	6/14Ar/4/14Ar/4	0,6	58	74	1,28	36 (-2, -6)
External Toughened – Solar Control	6/14Ar/4/14Ar/4	0,6	38	59	1,55	36 (-2, -6)
External Toughened – Solar & Thermal+	6/14Ar/4/14Ar/4	0,6	38	66	1,74	36 (-2, -6)
Internal Toughened	4/14Ar/4/14Ar/6	0,6	53	74	1,40	36 (-2, -6)
Internal Toughened – Solar Control	4/14Ar/4/14Ar/6	0,6	39	60	1,54	36 (-2, -6)
Internal Toughened – Solar & Thermal+	4/14Ar/4/14Ar/6	0,6	38	66	1,74	36 (-2, -6)
Ornamental	4/14Ar/4/16Ar/4	0,6	52	73	1,40	33 (-2, -6)
Ornamental – Solar Control	4/14Ar/4/16Ar/4	0,6	38	60	1,58	33 (-2, -6)
Ornamental – Solar & Thermal+	4/14Ar/4/16Ar/4	0,6	37	66	1,78	33 (-2, -6)
External Toughened – Internal Laminated	6/12Ar/4/14Ar/3.3.1	0,7	53	73	1,38	37 (-2, -8)
External Toughened – Solar Control & Internal Laminated	6/12Ar/4/14Ar/3.3.1	0,7	38	58	1,53	37 (-2, -8)
External Toughened – Solar & Thermal+ & Internal Laminated	6/12Ar/4/14Ar/3.3.1	0,7	38	66	1,74	37 (-2, -8)

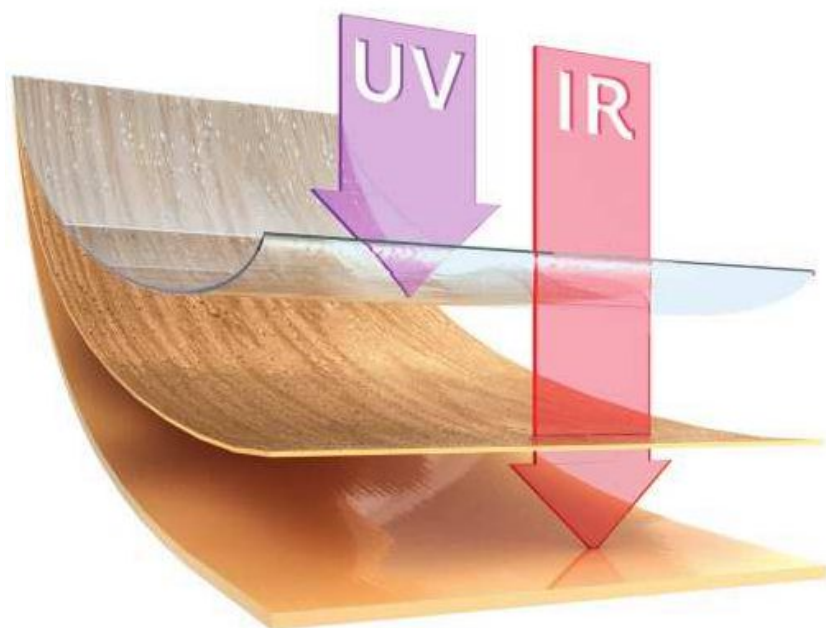
Triple Glazing / 48 mm	Glass/Argon/Glass	U _g	S _F	L _T	S=L _T /S _F	R _w (C,Ctr)
	mm/mm/mm	W/m²K	%	%		dB
Standard	6/16Ar/4/16Ar/6	0,6	52	73	1,40	36 (-2, -6)
Solar Control	6/16Ar/4/16Ar/6	0,5	37	59	1,59	36 (-2, -6)
Solar & Thermal+	6/16Ar/4/16Ar/6	0,5	37	65	1,76	36 (-2, -6)
External Laminated	3.3.1/16Ar/4/16Ar/6	0,6	49	73	1,49	37 (-2 -8)
Internal Laminated	6/16Ar/4/16Ar/3.3.1	0,6	51	73	1,43	37 (-2, -8)
Internal Laminated – Solar Control	6/16Ar/4/16Ar/3.3.1	0,5	37	59	1,59	37 (-2, -8)
Internal Laminated – Solar & Thermal+	6/16Ar/4/16Ar/3.3.1	0,5	37	65	1,76	37 (-2, -8)
External Toughened	6/16Ar/4/16Ar/6	0,6	73	58	0,79	36 (-2, -6)
External Toughened – Solar Control	6/16Ar/4/16Ar/6	0,6	38	58	1,53	36 (-2, -6)
External Toughened – Solar & Thermal+	6/16Ar/4/16Ar/6	0,5	38	66	1,74	36 (-2, -6)
Internal Toughened	6/16Ar/4/16Ar/6	0,6	52	73	1,40	36 (-2, -6)
Internal Toughened – Solar Control	6/16Ar/4/16Ar/6	0,6	39	59	1,51	36 (-2, -6)
Internal Toughened – Solar & Thermal+	6/16Ar/4/16Ar/6	0,5	38	66	1,74	36 (-2, -6)
Ornamental	6/16Ar/4/16Ar/6	0,6	51	72	1,41	36 (-2, -6)
Ornamental – Solar Control	6/16Ar/4/16Ar/6	0,6	37	58	1,57	36 (-2, -6)
Ornamental – Solar & Thermal+	6/16Ar/4/16Ar/6	0,6	37	65	1,76	36 (-2, -6)
External Toughened – Internal Laminated	6/16Ar/4/16Ar/3.3.1	0,7	53	73	1,38	37 (-2, -8)
External Toughened – Solar Control & Internal Laminated	6/16Ar/4/16Ar/3.3.1	0,7	38	58	1,53	37 (-2, -8)
External Toughened – Solar & Thermal+ & Internal Laminated	6/16Ar/4/16Ar/3.3.1	0,5	38	66	1,74	37 (-2, -8)
External Toughened – Superior Internal Laminated	6/14Ar/4/16Ar/4.4.2	0,6	53	73	1,38	39 (-2, -7)
External Toughened – Solar & Thermal+ & Internal Laminated	6/14Ar/4/16Ar/4.4.2	0,6	38	58	1,53	39 (-2, -7)
External Toughened – Solar & Thermal+ & Superior Internal Laminated	6/14Ar/4/16Ar/4.4.2	0,6	38	65	1,71	39 (-2, -7)

Color Palette

PVC joinery is about more than just efficiency and durability, it offers the freedom to choose a style that reflects your home's unique character. We offer a diverse palette of finishes, ranging from timeless classics like White, Anthracite Grey, or Matte Black, to warm, decorative foils replicating natural wood like Golden Oak, Walnut, or Mahogany.

The decorative foil features a multi-layer structure consisting of a colored PVC base and a protective transparent acrylic layer that blocks UV rays, infrared radiation, and extreme weather elements.

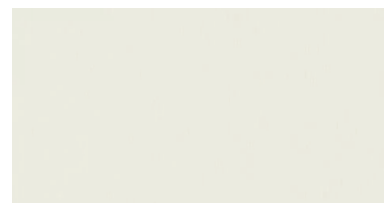
This technology prevents surface fading, yellowing, and degradation over time, maintaining the profile's original appearance. All materials are tested to rigorous European weather-resistance standards.



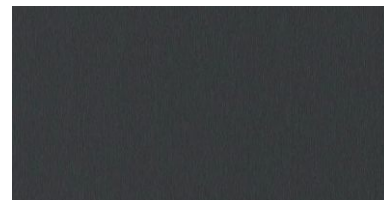
Standard



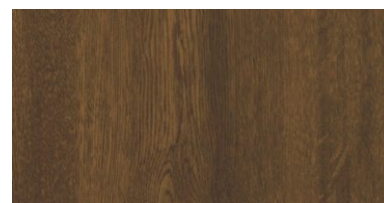
White



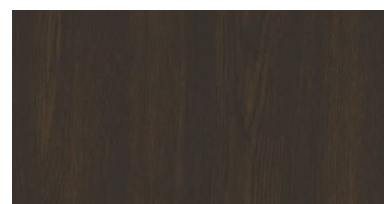
Cream
F4565001



Anthracite Grey
F4365003



Golden Oak
F4362036



Walnut
F4362048

Custom



Light Grey
F4367049



Silver Oak
F4563081



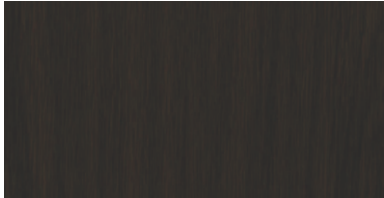
Terra Walnut
F4363059



Cherry
F4363058



Newcastle
F4363077



Dark Oak
F4362012



Light Oak
F4262025



Mooreiche
F4362007



Mahogany
F4362085



Matte Dark Brown
F4366071



Matte Dark Grey
F4366023



Basalt Grey
F4366048



Matte Anthracite Grey
F4367003



Quartz Grey
F4367047



Beige
F4565015

Handles

Window and door handles are the primary point of physical contact with your living space.

Engineered to deliver a tactile experience and enhanced security, they harmoniously complement modern PVC joinery design.



Standard Range

Practical solutions designed for standardized windows and doors available across retail DIY networks.

Window Handles



White

Anthracite Grey

Brown

Door handles



White

Anthracite Grey

Brown

Plus Range

Allows you to match handle aesthetics with your personal interior style. Features two design variants, six finishes, and optional key-locking options for enhanced freedom of customization across standard and tailored profiles.

Window Handles



Door Handles



Premium Range

Exclusively available for 70 mm+ profile systems, the Premium line delivers elevated design and customization options. Straight lines and clean geometries complement the modern architecture of high-end window and door systems.

Window Handles



White

Silver

Anthracite Grey

Black



Brown

Bronze

Titanium

Door handles



White

Silver

Anthracite Grey

Black



Brown

Bronze

Titanium

Renovation Boxes & Roller Shutters



Windows and doors connect a building to the outside world, yet remain its most vulnerable points.

External aluminum roller shutters provide an extra layer of thermal, acoustic, and privacy protection, while renovation boxes allow smooth, clean installation over existing frames without requiring invasive masonry work.

Together, they turn a simple update into a strategic long-term investment in home comfort and energy retention.



Key Benefits & Advantages

Additional Thermal Insulation in Winter

Lowered shutters create an insulating static air pocket between the glass and external environment, drastically reducing heat transfer and keeping glass surfaces warm.

Considerable Bill Savings

By cutting winter heat loss and reducing summer air conditioning needs, roller shutters directly lower utility expenses.

Solar Heat Protection in Summer

Unlike indoor blinds, external shutters block solar radiation before it hits the glass, preventing the greenhouse effect and maintaining cool indoor temperatures on hot days.

Acoustic Insulation

Polyurethane foam-injected aluminum slats absorb sound waves, providing noise reduction for quiet indoor environments.

Enhanced Safety & Burglary Resistance

Roller shutters form a physical and visual barrier against unauthorized intrusion attempts, backed by sturdy slat construction and optional locking devices.



Integrated Insect Protection

Shutters can be specified with insect screens integrated directly inside the main box casing, operating independently to allow natural airflow without unwanted insects.

Extended Window Lifespan

Protect PVC profiles and hardware from direct exposure to severe weather (rain, hail, snow) and UV radiation, preventing premature aging of frames and gaskets.

Privacy & Visual Comfort

Provides complete control over light levels and outdoor visibility, letting you adjust daylight intensity or achieve full black-out privacy.

Services



At Aplast, we are committed to offering high-quality products alongside a full spectrum of customer support services. From professional consultation to efficient delivery and post-purchase service, every step is structured to deliver a seamless customer experience.

We partner with specialized installation teams and utilize modern tech platforms to ensure high standards of reliability across all services.



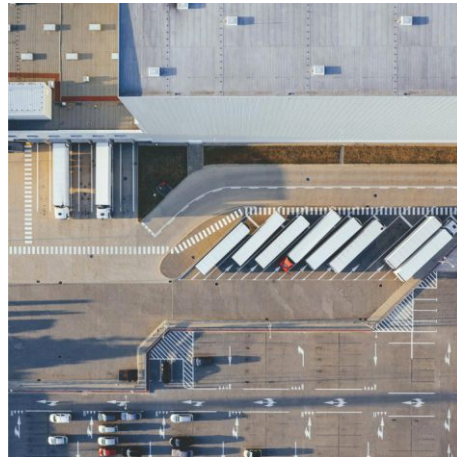
Consulting & Technical Guidance

Selecting the right window and door specifications determines whether a space is simply adequate or highly efficient and comfortable. We provide technical and styling advice to help identify optimal solutions tailored to your project requirements and budget constraints.



Technical Support

Product quality goes hand-in-hand with dedicated ongoing support. Our technical support team stands ready to answer questions and resolve technical queries regarding installation, maintenance, or operation.



Distribution & Logistics

We operate a streamlined logistics network ensuring rapid product delivery under secure conditions. We guarantee safe transit, strict adherence to agreed delivery timelines, and protective handling of all items during transport.



Ceptura de Jos, 107126 Ceptura

Tel: +40 0752 072 256

e-mail: office@aplast.com

aplast.com