



ALORA
BUILD



PVC JOINERY—PRODUCT CATALOG

www.alorabuild.com



ABOUT US

Alora Build specializes in modern European custom windows and doors residential and commercial. Garage Doors with pedestrian door, specialty tempered glass, glass railing shower glass , insect roller blinds.

Our VISION: To be an American leader in the production of PVC and aluminum joinery offering support to all our partners.

Our MISSION: To produce windows and doors that have certified features and are manufactured and delivered at the highest standards required by the market.

Our VALUES: Alora Build is a brand characterized mainly by excellence and professionalism, but, at the same time, we endeavor to be kind and supportive. In all our processes we adhere to passion, respect, quality and elegance.

Suppliers



VEKA produces high quality PVC profiles, recognized in the markets of Europe, America and Asia. The recipe for this success is that VEKA factories are close to the end customer for an optimal adaptation to local demand and culture.

www.veka.com



PROFINE produces PVC profiles, sold under the KÖMMERLING brand. This company produced in 1954 the first PVC systems for mass-production, obtaining the patent for extrusion technology of colored profiles in 1967 and for five-chamber profiles in 2000.

www.profine-group.com



CORTIZO consolidated its leading position on the market of aluminum profiles for architecture and constructions through massive investments which enabled them to create a complete range of solutions for windows, facades and state-of-the-art sunscreen systems.

www.cortizo.com



REYNAERS a European leader specialized in the development of innovative and durable aluminum solutions, from greenhouses and curtain walls to doors and windows with simple, sliding or folding openings.

www.reynaers.com



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Suppliers



ALUMIL is one of the best suppliers of high quality aluminum-based architectural systems. Throughout over 30 years of activity, the company has expanded all over Greece and worldwide, having 32 branch offices and 10,000 partners.

www.alumil.com



SAINT-GOBAIN GLASS is the European leader in the production of construction glazing. The plant in Călărași, Romania, has the most modern float glass production line in Europe. The energy, acoustic and security performance of SAINT-GOBAIN GLASS glazing recommends it for the most creative and original architectural solutions.

www.saint-gobain-glass.com



WINKHAUS develops, manufactures and markets window and door fittings and automatic locking, access and security systems. The WINK- HAUS German group was founded in 1854, remaining a family business, although it currently has over 2000 partners worldwide.

www.winkhaus.com



MACO is an Austrian window and door fittings company which secured its success through product quality, being the first fittings company certified according to the ISO 9001 standards.

www.maco.at







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VEKA 70 AD

Veka 70 AD is available in two design variants, adapted to contemporary architectural trends: Swingline—rounded design and Softline—classic design with slightly rounded edges.

The system offers a wide variety of configuration and installation options, meeting the needs and standards of the most demanding markets in the world.



Technical specifications



System geometry
2.7"
2 seals
5 insulation chambers



Thermal performance
 $UF \geq 1,3 \text{ W/m}^2\text{K}$
 $UW \geq 1,0 \text{ W/m}^2\text{K}$



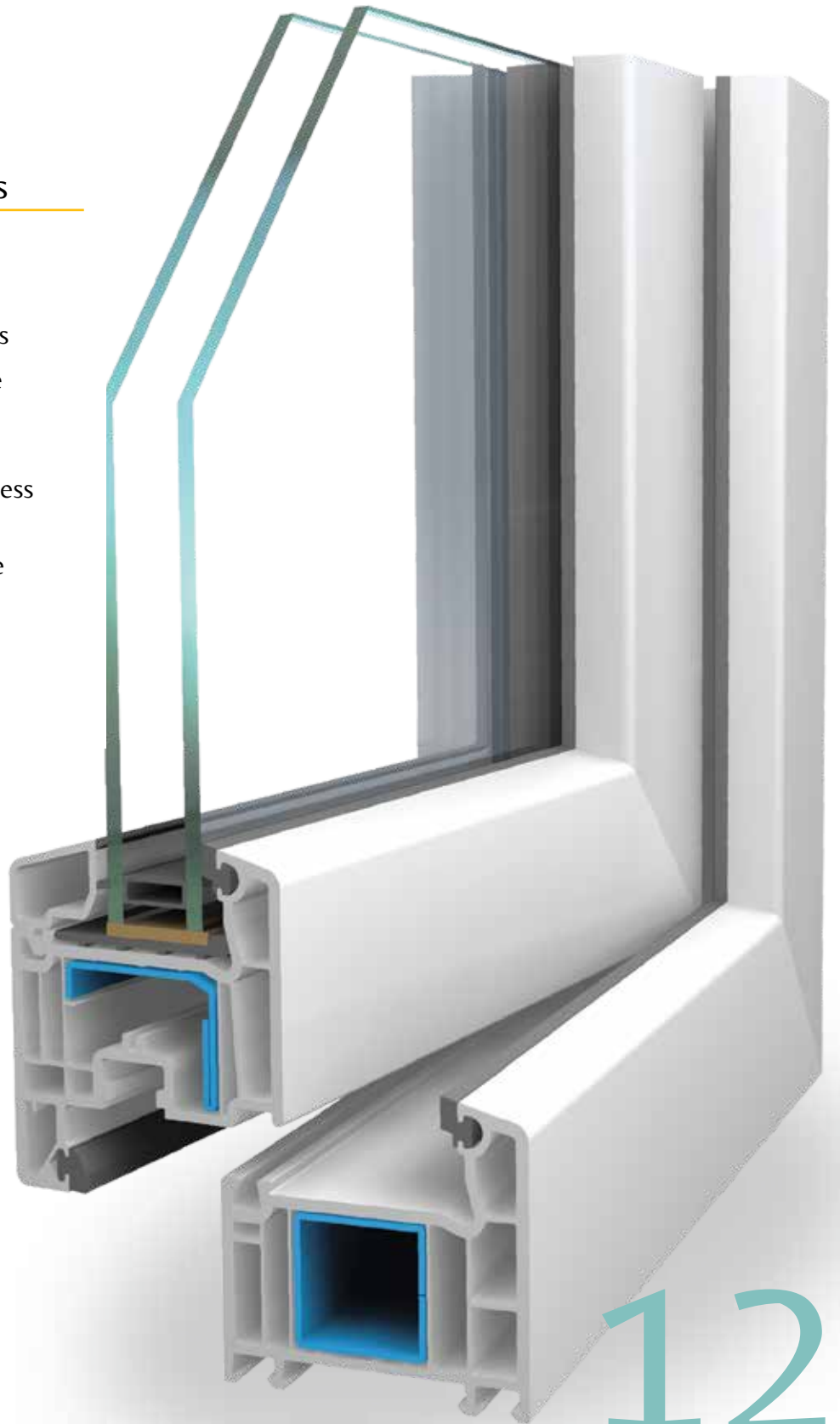
Max. glazing thickness
1"-1.4"



Acoustic performance
35-48 dB



Profile class
A



* The photos are for information purposes only.

VEKA 82 MD

Veka 82 Softline has a classic, elegant design with slightly rounded edges. With the 7 isolation chambers in the frame and 6 in the sash, the system offers outstanding thermal performance and high structural stability.

In the version with the renovation wing, Veka 82 is the ideal solution for the thermal and aesthetic housing rehabilitation.



Technical specifications



System geometry

3.2"

3 seals

7 insulation chambers



Thermal performance

UF $\geq 1,0$ W/m²K

UW $\geq 0,67$ W/m²K



Max. glazing thickness

1"-1.8"



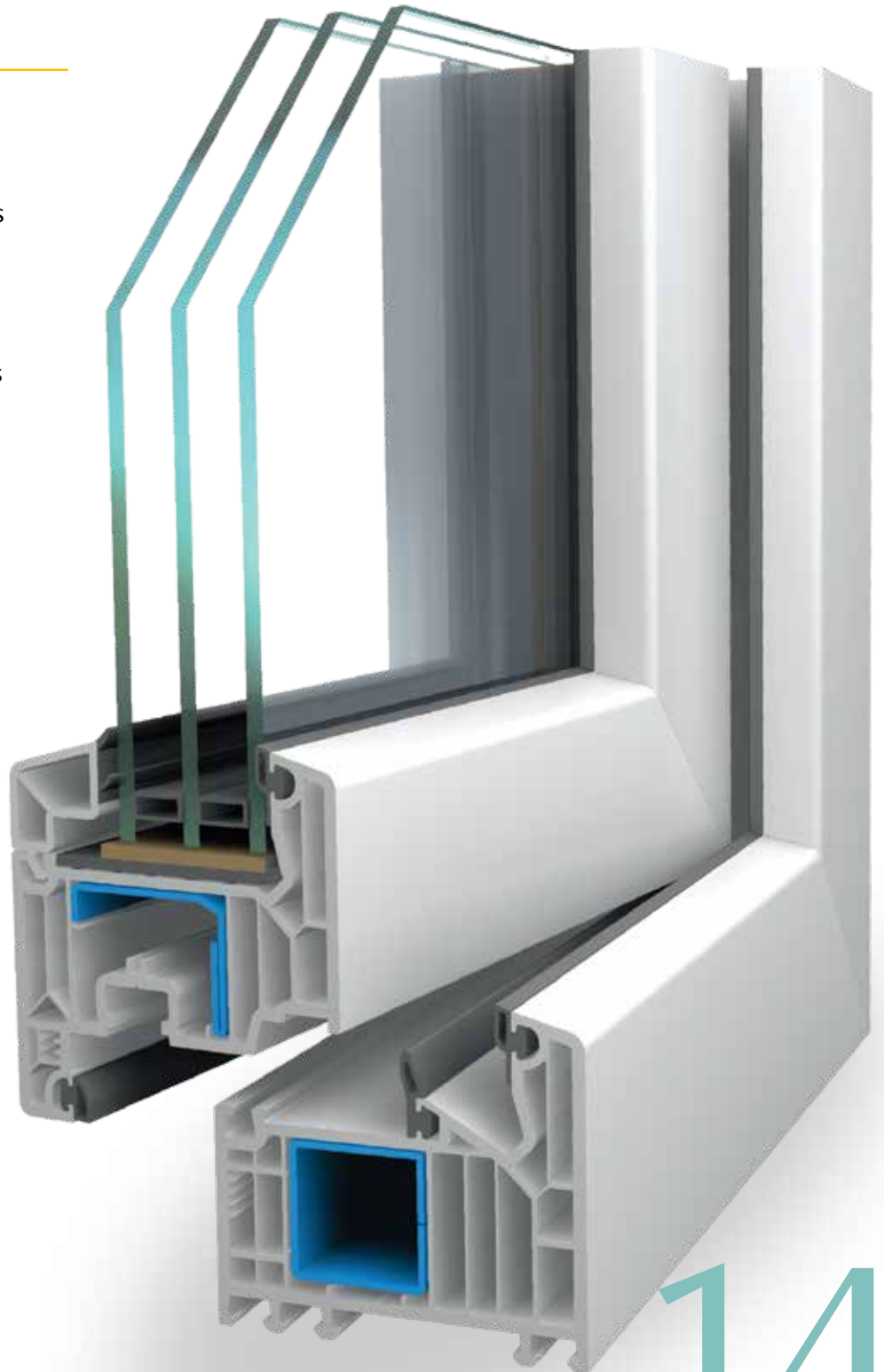
Acoustic performance

35-48 dB



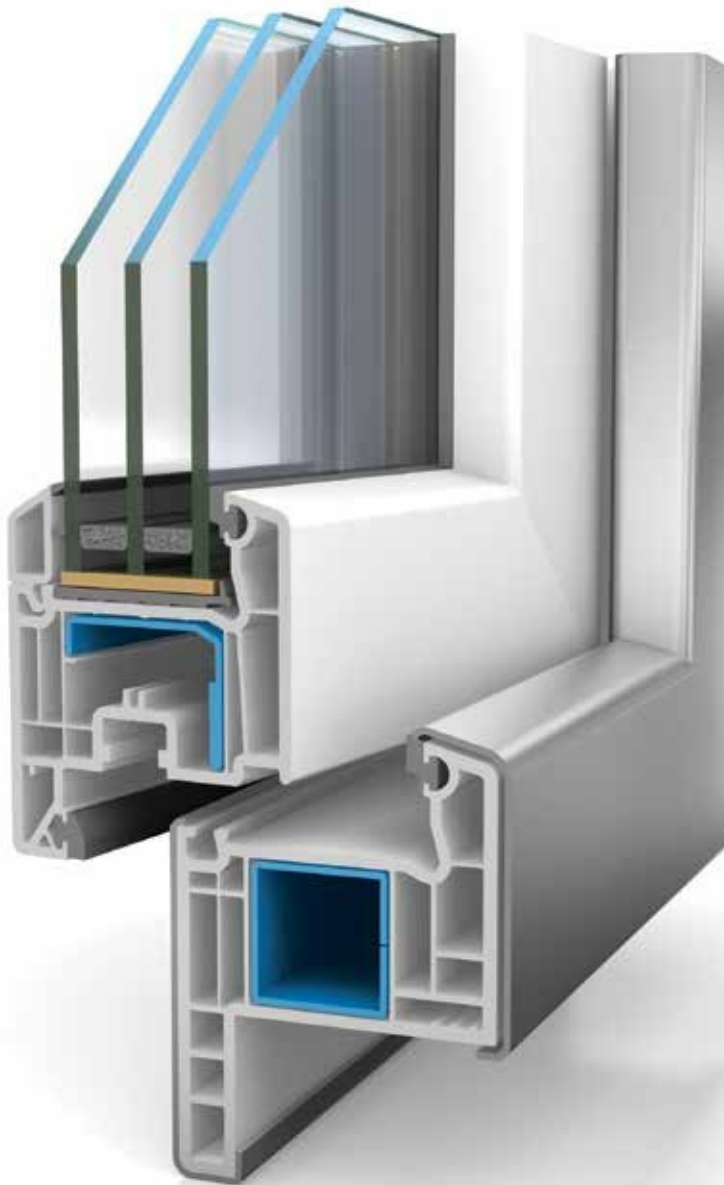
Profile class

A



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VEKA 70 AD WITH RENOVATION FRAME



Description

The renovation profiles from Veka 70 AD system are the perfect solution for thermal rehabilitation and housing aesthetics. With a modern design, smooth surfaces and slightly rounded edges, Veka 70 Softline system meets the highest design requirements and structural stability.

Technical specifications



System geometry

2.7"

renovation frame

2 seals

5 insulation chambers



Thermal performance

UF $\geq 1,3$ W/m²K

UW $\geq 1,0$ W/m²K



Maximum glazing thickness

1.4"



Acoustic performance

48 db



Profile class

A

VEKA 70 AD

WITH INSULATION FRAME

The insulation profiles of the Veka 70 AD system are the result of a long experience of French specialists in thermal insulation of new constructions and more. With a modern design, smooth surfaces and slightly rounded edges, the Veka 70 Soft-line system meets the highest requirements, design and structural stability.

Technical specifications



System geometry

2.7"
insulation frame
2 seals
5 insulation chambers



Thermal performance

UF $\geq 1,3$ W/m²K
UW $\geq 1,0$ W/m²K



Maximum glazing thickness
1.4"



Acoustic performance

48 dB



Profile class

A



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KÖMMERLING 70

Kömmerring 70 AD is a modern system characterized by a modern, compact and resistant design that aims to reduce heating costs, bring greater noise reduction, increase environmental protection and offer a wide range of design options





Technical specifications



System geometry

2.7"

2 seals

5 insulation chambers



Thermal performance

$UF \geq 1,2 \text{ W/m}^2\text{K}$

$UW \geq 0,9 \text{ W/m}^2\text{K}$



Max. glazing thickness

1"-1.7"



Acoustic performance

35-47 dB




V-PERFECT
TECHNOLOGY
by  **GAF SYNERGY**
FOR PERFECT WINDOWS

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KÖMMERLING 76



Kömmerring 76 offers all the advantages of a modern window as it has an exceptional design and excellent thermal and acoustic performance. Kömmerring 76 satisfies all present and future building demands.



* The photos are for information purposes only.

KÖMMERLING 76 AD

Technical specifications



System geometry

3"

AD: 2 seals; MD: 3 seals

6 insulation chambers in the frame; 5 in the sash



Thermal performance

AD: $UF \geq 1,1 \text{ W/m}^2\text{K}$;

$UW \geq 0,9 \text{ W/m}^2\text{K}$

MD: $UF \geq 1,0 \text{ W/m}^2\text{K}$;

$UW \geq 0,8 \text{ W/m}^2\text{K}$



KÖMMERLING 76 MD

Technical specifications (cont.)



Max. glazing thickness

1.8"



Acoustic performance

47 dB

20

* The photos are for information purposes only.

VEKA SLIDE SLIDING SYSTEM

The Veka Slide system allows the manufacture of sliders with very wide widths, ensuring a high quality solution and reliability for personal or collective space, through an additional contribution of brightness and a wide openness to the environment.



Technical specifications



System geometry

2.7" / 3.2"

2 seals

5 / 6 insulation chambers



Thermal performance

$UF \geq 1,0 \text{ W/m}^2\text{K}$

$UW \geq 0,8 \text{ W/m}^2\text{K}$



Max. glazing thickness

1.4" / 1.8"



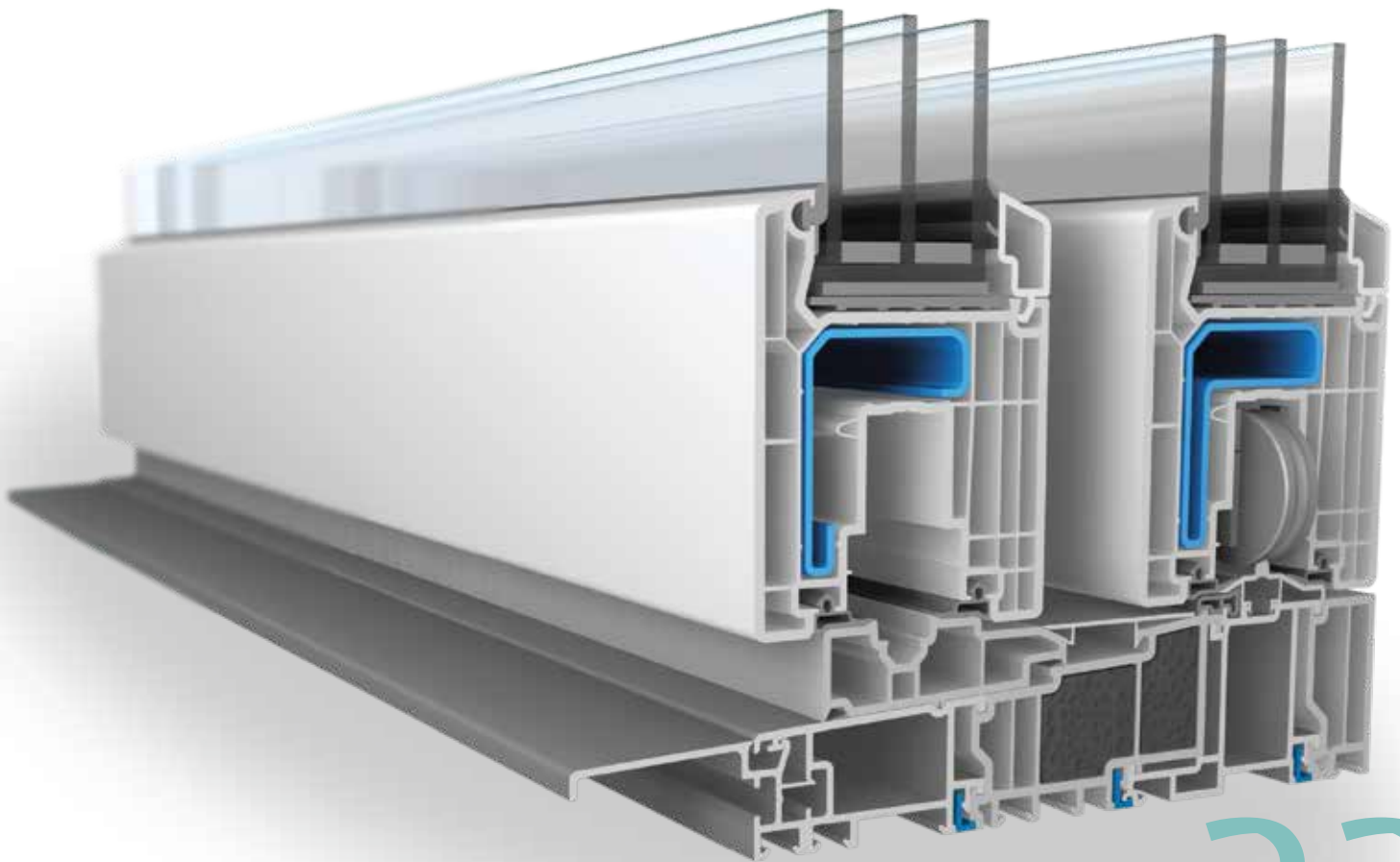
Acoustic performance

40 db



Profile class

A



PREMILINE SLIDERS

Description

PremiLine sliders reach new standards of comfort through the ease of handling large glazed areas. Thanks to stainless steel and aluminum rails, PremiLine sliding windows and doors ensure a perfectly quiet and stable slide.

Technical specifications



System geometry

3.1" / 2.1"

3 seals

3 insulation chambers



Thermal performance

UF \geq 1,8 W/m²K / 2,3

W/m²K



Max. glazing thickness

1.4"



Acoustic performance

36 dB



PREMIDOOR 76 SLIDERS

Description

PremiDoor 76 sliders come to replace the old PremiDoor 70, enjoying all the advantages but with extra benefits. The system is completely optimized from the thermal performance point of view due to the constructive depth of 7", being ideal for both new constructions, as well as for renovations.

Technical specifications



System geometry

3"

3 seals

5 insulation chambers



Thermal performance

$UF \geq 1,4 \text{ W/m}^2\text{K}$



$UW \geq 1,0 \text{ W/m}^2\text{K}$

Max. glazing thickness

1.8"



Acoustic performance

40 dB



TILT & SLIDE SYSTEMS

Technical specifications

- They can be made on any of the Veka or Kömmerling profiles from the Alora offer. It has
- a double opening system: Sliding opening and tilt opening that offers the possibility to ventilate the room with burglary protection of the interior space.
- They use mechanisms that ensure easy operation and long use.







COLOR PALETTE

With a palette of over 100 colors and shades (different imitations of wood, solid matt or metallic colors) we offer you a customized solution for everyone's taste, ensuring your diversity, durability and color resistance over time.

You can choose white on both sides, white on the inside / color on the outside or color on both sides. Those two options for gaskets (gray and black) perfectly complement the joinery offer.



				
Winchester	Eiche hell	Bergkiefer	Oregon III	Streifendouglasie
				
Douglasie	Golden oak	Eiche rustikal	Nussbaum	Mahagoni
				
Weiß	Papyrusweiß	Lichtgrau	Aluminium geburstet	Achatgrau
				
Silbergrau	Sibelgrau glatt	Quarz platin	Basaltgrau	Schiefergrau
				
Asphalt	Crown platin	Braun	Siena noce	Schwarzbraun
				
Earl platin	Anthrazitgrau	Azul	Stahlblau	Kobaltblau
				
Brilliantblau	Blaugrün	Tannengrün	Moosgrün	Smaragdgrün
				
Cremeweiß	Pyrite	Zinkgelb	Kupfer	Karminrot
				
Rubinrot	Weinrot	Braunrot	Sienna rosso	Mooreiche

The color reproductions above are only partial and approximate.
For the complete and effective offer, see the Alora palettes.

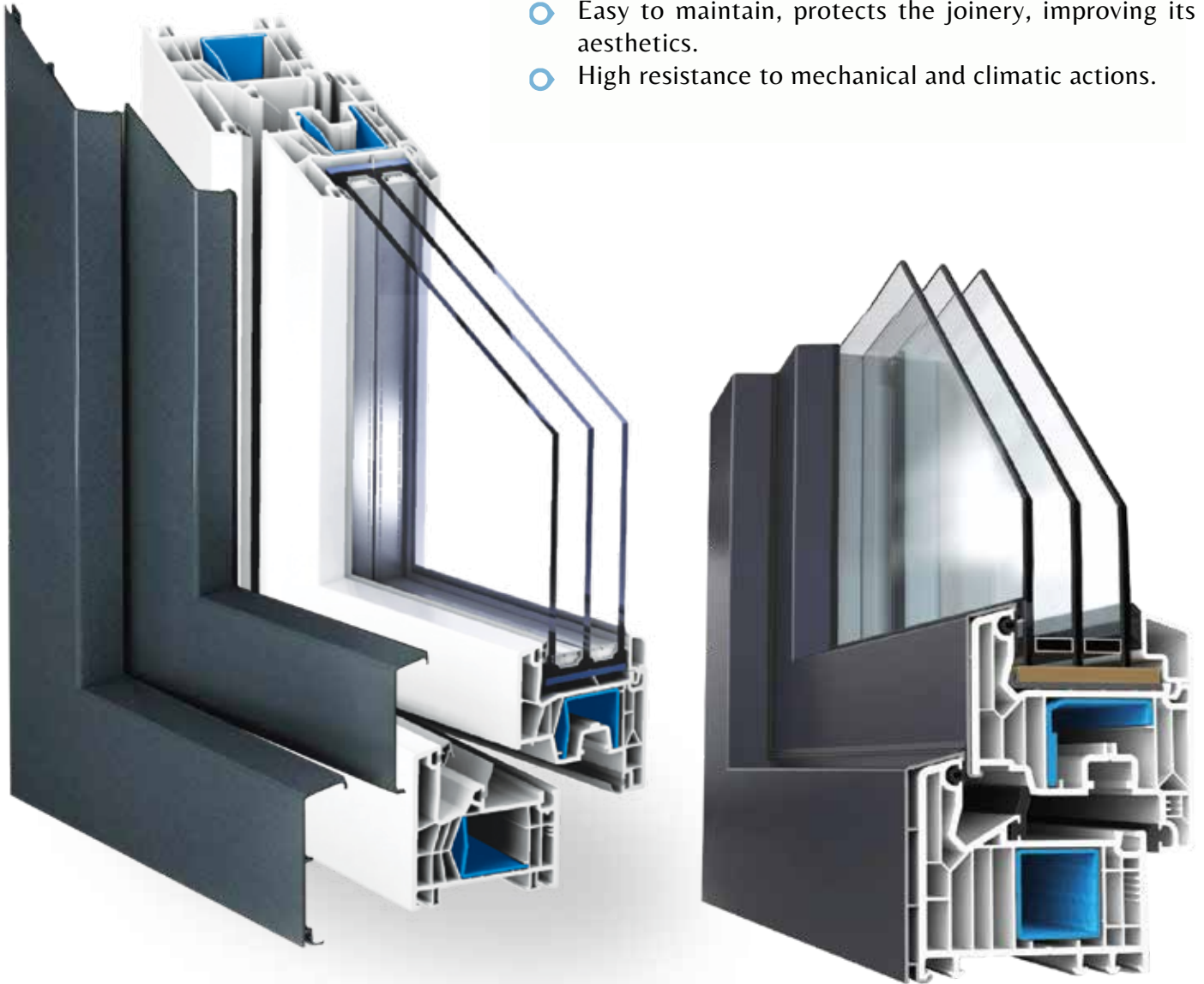


Aluminum Plating of PVC Joinery

Aluminum plating skillfully combines the strengths of both universes. On the one hand, aluminum reliability and strength, that provides an elegant look and increased stability, to which are added the special properties of thermal and sound insulation of systems based on PVC profiles.

Technical specifications

- Plating only on the outside, with extruded aluminum profiles with a thickness of 0,05".
- Available for all RAL colors and for wood decors imitation.
- Easy to maintain, protects the joinery, improving its aesthetics.
- High resistance to mechanical and climatic actions.

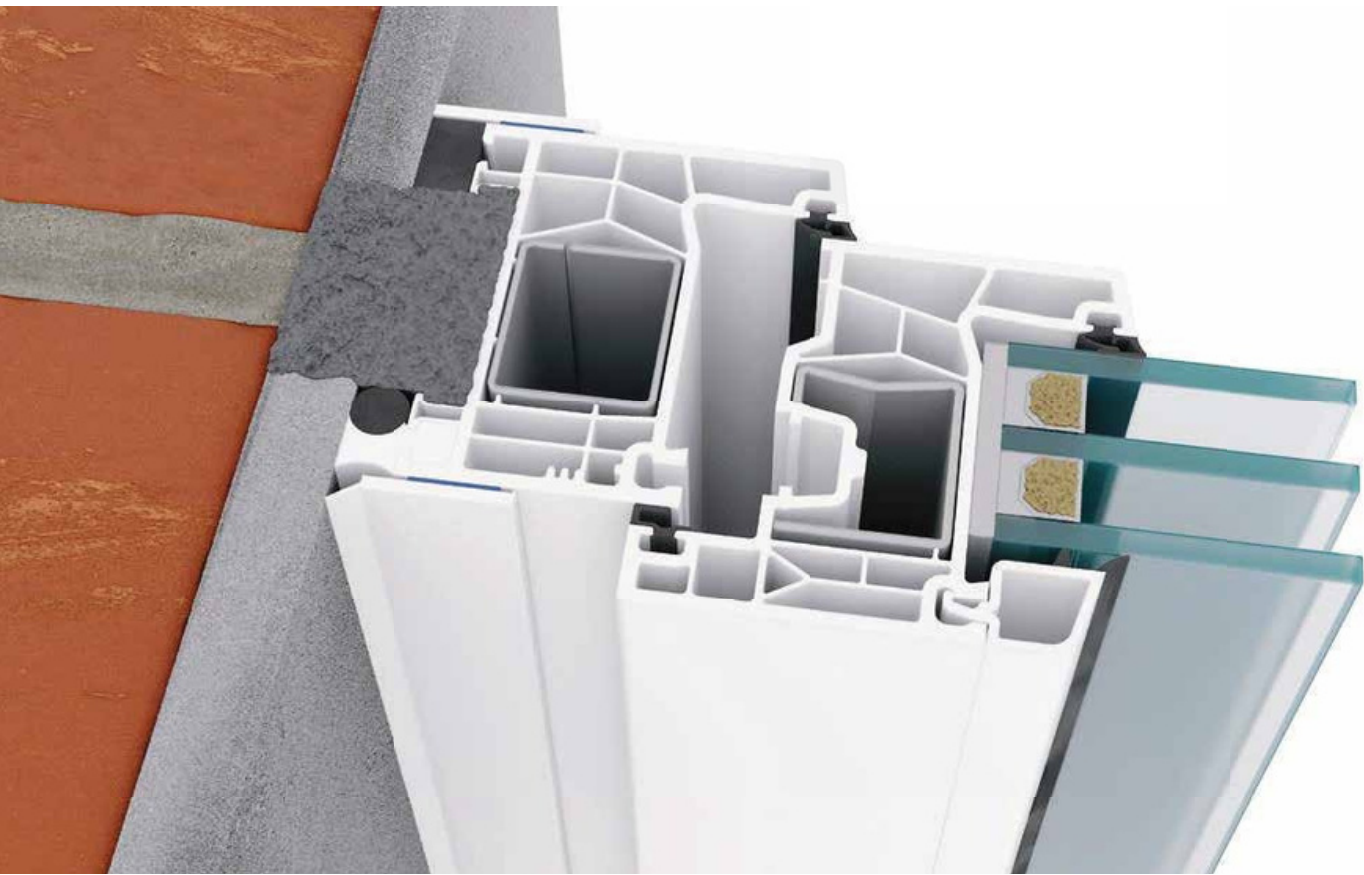
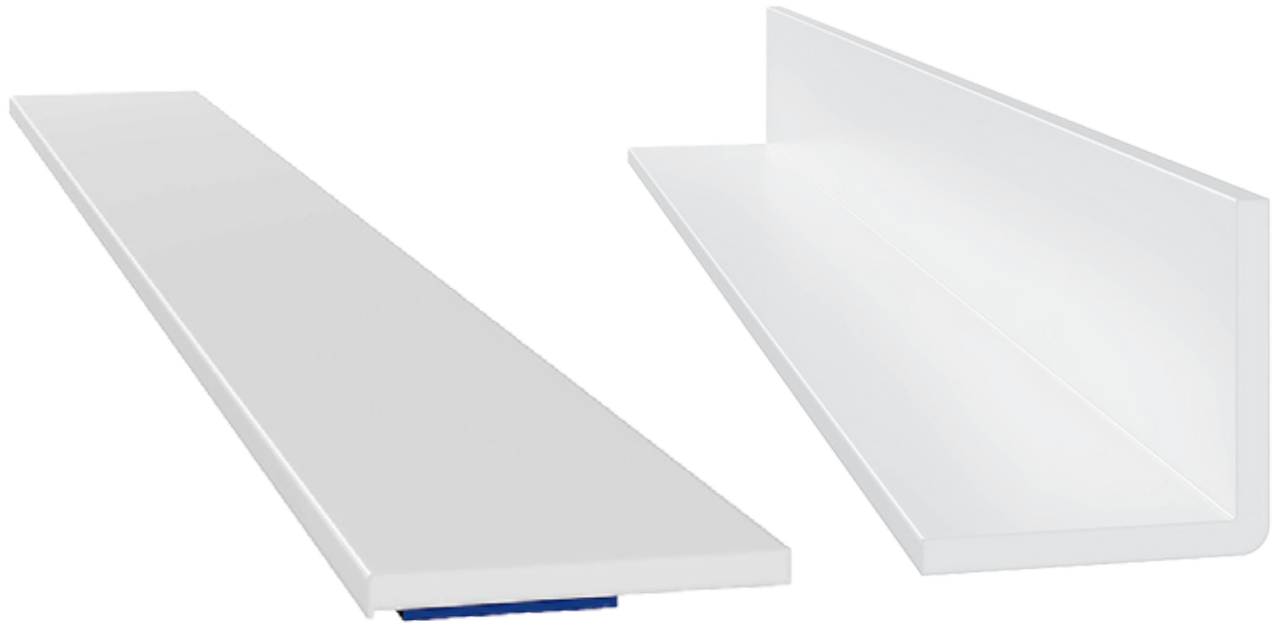


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Masking Profiles

Masking profiles provide a better carpentry aesthetics and ensure a quick finish.

Alora offers flat bar, cellular bar and angle profile of different sizes, between 1" and 4".



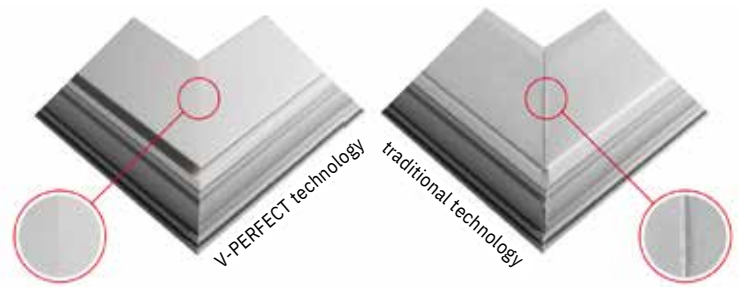


PERFECTION lies at the CORNER

The perfect blend of PVC efficiency and the impeccable aesthetics of the finest materials.

Thanks to a patented technology that allows the perfect alignment of the junction of the profiles and elimination of surplus in the finish, the PVC window can boast a quality of finish at the corners as good as for wooden or aluminum windows.

This unexpected result was impossible to achieve with any other welding method, but now the PVC windows technology rises to unlimited creative and architectural possibilities.



V-Perfect is a unique and innovative technology that allows to achieve aesthetic perfection in PVC windows.

Important to know

- The standard is available for wrapped profiles
- Delivery time is the same as for conventional welding
- Minimum size: 12" × 12"
- Maximum size: 110" × 125"
- Available for Kömmerling 70, 76 and Veka 70, 82, Slide 82
- Conventional welding is still available



Glazing

Glass represents about 80% of the surface of the joinery. Alora equips its products with SAINT GOBAIN GLASS glazing that meets the requirements pertaining to thermal and acoustic insulation, as well as ensures the desired safety and comfort.

The winter-summer comfort function maintains a pleasant atmosphere inside all year round while reflexivity gives the space a touch of elegance (brightness up to 71%).



Technical specifications

- Secure glazing aims to protect both users against accidents and buildings against burglary.
- Laminated glass is composed of two or more simple glass sheets, glued together with a PVB film, which, in case of breakage, acts as a reinforcement to which the shards remain attached, thus preventing accidents.
- ESG safety glass is, on average, 4 times more resistant than standard glass to temperature change, strong wind and impact. If it still breaks, it produces small cubes without sharp edges.
- For design or to protect you from prying eyes, Alora offers you a wide range of decorative glazing, in a large number of patterns, textures and colors.
- Also, for added style and elegance, you can choose splashes, ornaments placed between the glass sheets or applied to their exterior. Splashes can be of different sizes, colors and shapes, made of PVC or aluminum.



Safety glass: Alora ESG

ESG is a type of heat-cured glass, which has a resistance to mechanical and thermal stresses significantly higher than that of ordinary glass, including laminated glass. In case of breakage, the ESG glass shatters into small, slightly sharp pieces. Superior mechanical properties recommend ESG glass for all types of glazed elements.

Applications

- Architectural: all types of interior and exterior glazed windows and doors or glazed assemblies, consisting of independent, interconnected elements, facades, glazed roofs, steps and glass floors;
- Urban furniture: telephone booths, public transport stations, parapets;
- Indoor furniture: table tops, shower enclosures, shelves, pieces of furniture, which require an intelligent design for the prevention of domestic accidents.

Why use safety glass?



LIGHTWEIGHT

50%

ESG glass is lighter than laminated glass, making it easier to transport and assemble and at the same time prolonging the life of the joinery by reducing the load on the hardware elements.



INDESTRUCTIBLE

Withstands stresses, shocks, mechanical and bending loads 5× better than ordinary and laminated glass of the same thickness.



SAFE

Reduces the risk of injury in case of breakage, by fragmentation into small, slightly sharp pieces. Limits the risk of burglary.



A short demonstration video

A video demonstration of the safety of the glass can be watched at the following address or by scanning the attached QR code:

<https://youtu.be/bo5ab0sMurk>



Quality hardware guarantees optimal operation and safety of the joinery. Alora offers you WINKHAUS or MACO solutions. In any case, the reliability is guaranteed at over 15,000 closing-opening cycles, tightness, multipoint closing and WK1 or WK2 burglar alarm systems are just some of the advantages of the hardware we use.

As standard, the hardware that equips Alora joinery provides protection against wrong handling handles, discreet ventilation positions, secured against burglary attempts, without significant energy losses.

Alora offers you the window handles with patent safety mechanism, Secustik, which prevents fraudulent manipulation of the window from the outside. As standard, handles and hinges covers can be white or brown, and optionally they can be ordered in silver, bronze, gold or cremeweiss.

The door handles we offer cover a wide variety of shapes and colors (white, brown, silver or golden). A well-chosen handle allows a functional opening and guarantees the security of the door. Choosing an optimal one is done depending on the practical use, functionality and design.

For entrance doors we have two types of systems:

- Two indoor / outdoor mobile handles
- Mobile handle on the inside and pull handle on the outside



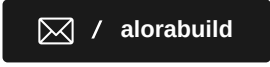
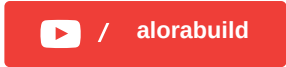
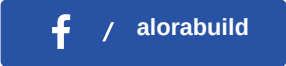
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For more information on the products offered by our company, we invite you to consult a full range of catalogs: PVC joinery, alluminum joinery, alluminum shutters, accessories, technical catalog, price list.





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