

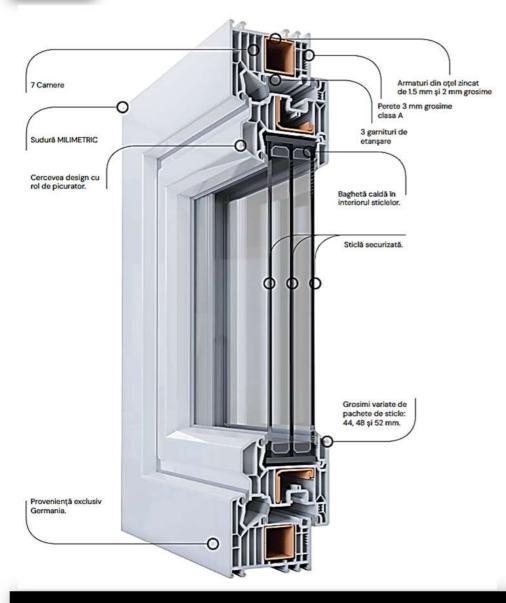


Product sheet

June 2025



MAXIMA VEKA SOFTLINE 82 MD System



The MAXIMA VEKA 82 MD system is a high-end solution that is ideal for energy-efficient buildings, including passive houses. It combines cuttingedge technology with a modern, balanced design, providing outstanding performance in thermal insulation, waterproofing, and safety.

Manufactured on ROTOX automatic lines (Germany) and finished with millimeter welding technology from Graf Synergy (Italy), MAXIMA SOFTLINE 82 MD stands out for its precision, durability and impeccable aesthetics.

The production process is supported by an in-house implemented quality management system, which ensures rigorous control of the entire process flow, ensuring product quality at the highest standards of workmanship and performance.



Available Usage Options

The MAXIMA SOFTLINE 82 MD system enables the creation of high-performance joinery solutions that are ideal for passive houses, nZEB constructions and high-end projects that place the highest demands on insulation, comfort and durability.



- Windows
- Balcony doors
- Intermediate doors
- Residential doors
- Oscillating-sliding systems (parallel plane sliding)



Purpose of the MAXIMA VEKA SOFTLINE 82 MD system



MAXIMA VEKA SOFTLINE 82 MD is the optimal solution for high-end, sustainable and energy-efficient construction, including nZEB houses or buildings.

- Ensuring exceptional energy efficiency and best-in-class sound insulation thanks to 3 gaskets and insulating glass units up to 52 mm.
- Offers long-term durability (3 mm outer wall, estimated 50-year life)
 with minimal maintenance.
- Built-in security (anti-burglary material) for home protection.
- Allows for extensive customization: >70 sheets, textures
 FEINSTRUKTUR & SPECTRAL.
- Contributes to property value through certified performance and high energy efficiency.
- Positioned at the end of the range in the PVC joinery category.
- It is a construction solution, sustainable and adapted to the requirements of modern architecture.



Target group – Who is the product aimed at?



High-end real estate developers

For residential or mixed-use projects that aim for maximum energy efficiency, increased comfort and a high level of finish. Ideal for passive houses, nZEB complexes and luxury constructions. **Examples:** superior class detached villas, exclusive hotels, high-end blocks, buildings with a higher energy certification.

Builders and Specialty Contractors

For projects requiring compliance with the highest technical standards – energy efficiency, sustainability, durability over time.

Examples: private hospitals, health centers, advanced educational buildings, public institutions with requirements for nearly zero-energy buildings.

Architects and designers

For projects that require creative freedom, solid technical details and compatibility with high architectural standards. The system offers modern lines, massive profiles and high-end finishes.

Examples: Design homes, smart buildings, sustainable projects with a focus on

details and minimalist aesthetics.



Target group — Who is the product aimed at?



End customer – the performance-oriented user, total comfort and a smart long-term investment

Suitable for both residential homes and high-end apartments, MAXIMA VEKA SOFTLINE 82 MD is a high-end system from the PVC range, with a class A profile, thick exterior

walls and a construction adapted to the requirements of energy-efficient homes.

He is interested in:

- Exceptional thermal and sound insulation, for real comfort in all seasons and in any urban or crowded area;
- Certified durability and flawless operation, without deformation or wear, regardless of the size of the elements;
- Increased security, thanks to state-of-the-art hardware and advanced anti-burglary capabilities;
- Modern aesthetics and high-end finishes, including SPECTRAL and FEINSTRUKTUR textures - perfectly adaptable to your personal style;
- **Long-term investment,** reducing energy costs, increasing property value and minimizing maintenance.



Target group — Who is the product aimed at?

Who is it?

- Person or family with an above-average or high-income income;
- Owner of a new house, an urban villa or a high-end apartment, under construction or renovation;
- Live in good urban areas, high-end suburbs, or upper-class residential developments;

This may include a client who:

- build a modern, energy-efficient house or a passive house;
- has a high level of comfort and quality;
- Is attentive to detail and looks for reasoned solutions, not just attractive offers.
- prefer a product that looks flawless and works perfectly for years,
- prefers products that have been tested, certified and recommended by other demanding users

What are they looking for?

- Maximum energy efficiency wants a warm house in winter and cool in summer, with minimal bills;
- Reliability "I don't want to have any problems closing the windows";
- Security a solid system, with high-performance hardware and real protection options;
- High-end aesthetics and textures matt and modern finishes, different from "what's everywhere";
- A significantly superior product a product that justifies the price difference by quality, not just advertising;

How does he behave?

- Actively search for information online: reviews, comparisons, forums, explanatory videos;
- Ask acquaintances or neighbours about their experiences with the windows installed;
- He is receptive to technical explanations, but asks for proof, not just commercial promises;
- They expect professionalism, advice and solid arguments before making a decision.

What convinces him?

- The clear mention "top-of-the-range PVC" and class A profile - with proven technical characteristics;
- The fact that the system has an estimated lifespan of more than 50 years, with minimal maintenance;
- Actual performance values: Uw ≤ 0.78 W/m²K, 3 gaskets
- Modern finishes SPECTRAL, FEINSTRUKTUR more beautiful than standard joinery;
- The feeling of investing intelligently: comfort, security, increase in the value of the house.



Needs covered by the product 1/2

01



Energy efficiency

Amid the constant long-term rise in energy prices, windows are becoming increasingly important.

High-performance thermal insulation up to: Uw = 0.74 W/m²K, offers remarkable performance suitable for nZEB homes or buildings.

04



Sound insulation

Reduces external noise by up to 44 dB, providing peace and quiet in the home even in heavily trafficked urban areas or near roadways.

02



Enhanced burglary security

Windows equipped with Maco Multimatic antiburglary locks around the entire perimeter.



Long-term sustainability

High-quality materials, Class A profile - 3 mm exterior wall, estimated lifespan of 50 years

03



Excellent sealing

Three-level gasket system for protection against cold, moisture, and noise

06



Chromatic diversity

Advanced customization of colors and textures, choice between classic, modern, or industrial



Requirements covered by the product 2/2

07



Premium aesthetics with exclusive finishes

Matt, velvet, and contemporary appearance. SPECTRAL and FEINSTRUKTUR textures not only enhance the elegance of the joinery but also provide superior resistance to UV rays, scratches, and wear, preserving the window's beauty for decades.

10



Added value for the property

The windows from the MAXIMA VEKA 82 MD enhancethe the value of your home, thanks to their energy performance, aesthetics, and durability.

08



Millimetric welding for flawless finish

Perfect aesthetics at joints, without visible discontinuities.

11



Increased efficiency during installation

High-precision manufacturing allows for quick and efficient installation.

09



Sustainability

Products are fully recyclable, contributing to resource conservation and reducing environmental impact.

12



Versatility

It is suitable for various types of projects – from individual homes to apartment buildings.



Critical success factors for the MAXIMA VEKA SOFTLINE 82 MD

Superior positioning in the premium range

The 82 mm system, class A according to DIN EN 12608, with 3 mm outer wall and estimated service life of more than 50 years. It is the benchmark choice for projects that prioritize energy efficiency, Real safety and durability.

Target premium projects and demanding clients

Ideal for nZEB constructions, villas, low- and mid-rise residential buildings, office buildings, clinics, public institutions. It is aimed at sustainability-oriented developers, architects looking for integrated performance and quality-conscious final beneficiaries.

Maximum thermal performance

Uw up to 0.74 **W/m²K**, with triple glazing and central seal. Exceeds nZEB requirements and offers a Remarkable thermal comfort all year round.



Critical success factors for the MAXIMA VEKA SOFTLINE 82 MD

Exclusive access to high-end finishes

The only system in the premium 82 mm segment with the exclusive VEKA SPECTRAL and FEINSTRUKTUR finishes – for has a refined visual appearance, elegant tactile textures, and superior resistance to scratches, UV rays, and dirt.

Available stocks and fast delivery

Available in standard variants in permanent stock, with predictable delivery times for partners.

Efficient logistics

Our entire activity is based on the principle of Just in Time (JIT) production and logistics. With a stable supply and production flow, and precise coordination of deliveries, we ensure our products are delivered to the right place and at the right time.

Dedicated marketing and sales support

Product sheets, samples, catalogs, online campaigns: all these tools are carefully designed to meet the specific needs of each segment, whether they are resellers, developers, or end customers.

On our website, you will find, in the sections dedicated to customers and professionals, all the essential information to make the most suitable choice. Whether you are a customer, contractor, or architect, these spaces are designed to meet your needs in a clear, efficient, and practical way



Critical success factors for the MAXIMA VEKA SOFTLINE 82 MD

Balanced price/performance ratio in the premium segment

While technically advanced, the system delivers a competitive price-to-performance ratio, making it a cost-effective solution for projects of any scale

All our products ca be considered to be 'A luxury at an affordable price".

Architectural versatility

It works great in any style: from modern minimalist to classic reinterpreted. The reduced visual widths allow Creation of large glass surfaces, without compromising performance.

Dedicated technical support and consulting

Support for tenders, execution, and design for network partners.

Find all technical details, test results, and warranty certificates directly on our website.

Made in an eco-friendly manner

Our mission: 100% recyclable, zero waste

Products largely made from recyclable materials, through energy-efficient processes, addressing the need to reduce the carbon footprint.



In a context marked by rising energy costs, increased noise pollution and the increasing frequency of extreme weather events, windows and doors are becoming a strategic element of home efficiency, comfort and safety.

MAXIMA VEKA SOFTLINE 82 MD is a next-generation window system designed to provide the best performance in thermal insulation, sound insulation, and sealing, while ensuring high structural strength and an estimated lifespan of over 50 years.

1. High energy performance, essential today

MAXIMA VEKA SOFTLINE 82 MD offers an aUw coefficient of up to 0.74 W/m²K, ideal for nZEB buildings and energy-efficient homes.

In a world where energy costs are rising and the climate is becoming more and more unpredictable, **thermal insulation is no longer an advantage – it is a necessity.**

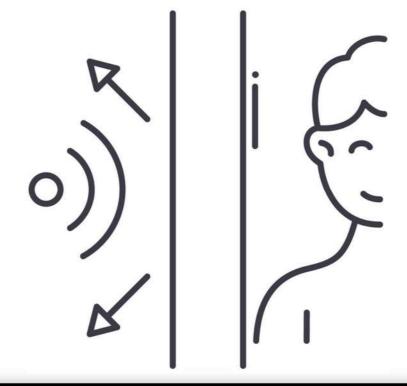




2. Advanced sound insulation – response to urban stress

The system reduces outside noise by up to 44 dB, providing a quiet interior, even near main roads or in crowded areas.

Noise pollution has increased significantly in recent years – windows are now the first line of defence for the acoustic comfort of the home.





3. High-end Class A profile - long-term performance

- Premium Class A profile with 3.0 mm (±0.2 mm) outer walls, according to EN 12608, entirely manufactured in Germany.
- Class A profiles contain 10% more material than Class B profiles, which ensures superior mechanical performance.
- Corner strength is up to 20% higher than Class B, contributing to outstanding operational performance and a strong hardware fastening.
- Bending and twisting are reduced by up to 12%, and screw pull-out is 20% more difficult compared to Class B profiles.
- The thickness of the exterior walls directly contributes to increasing the resistance to corners, reducing deformation and the reliability of the window over time.
- The profile easily supports the weight of triple-glazed windows and secure hardware attachment, regardless of extreme thermal variations (freeze-thaw, strong sun).
- Due to its robust construction and denser PVC, Class A profiled joinery has an estimated lifespan of more than 50 years under normal operating conditions.

Extreme weather events are becoming more frequent. A high-performance window must withstand strong winds, pressures and heavy use without deforming.







4. High-end aesthetics – exclusive finishes

ULTRA**MATT**

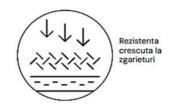


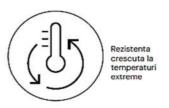
When a PVC profile turns to art

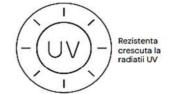
- Surfaces are treated by a curing coating process, providing a superior level of resistance to scratches, abrasions and aggressive substances in the environment.
- This finish is unique on the market by its appearance Ultra-matte, anti-reflective, offering a distinctive, sophisticated and long-lasting aesthetic.

Functionality meets elegance in a high-end product that stands out in any project.

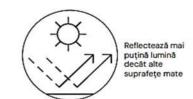




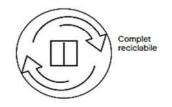
















5. The finish that inspires modern architecture - FEINSTRUKTUR

- **Premium matte and finely textured appearance**, inspired by electrostatically painted aluminum window finishes - a superior aesthetic solution for modern architectural projects.
- Robust and durable surfaces, providing excellent protection against scratches, UV rays, and temperature fluctuations - confirmed through extensive accelerated aging and mechanical resistance testing.
- Innovative texture, which reflects light diffusedly, reducing unwanted reflections and giving a touch of understated elegance.
- Excellent compatibility with modern architectural styles, including industrial, minimalist or urban designs, offering creative freedom in the design of facades.
- Quality guaranteed, with manufacturing processes and quality control at the highest level - for a flawless and durable appearance.





anthrazitgrau



schwarz

Feinstruktu







quarzgrau









Feinstruktu



MAXIMA

Product Differentiators - MAXIMA VEKA SOFTLINE 82 MD

Superior quality control – according to German standards

- All coloured profiles are laminated directly by VEKA Germany, as part of a standardised and strictly controlled process.
- •• •• This ensures impeccable color consistency, excellent UV resistance, and long-term aesthetic uniformity.
- The risk of colour variations, surface defects or differences in texture between batches is completely eliminated.

7. Advanced Aesthetic Customization: Harmony between frame color and trim.

- Cream body for cream-white laminated profiles impeccable aesthetics in depth.
- Caramel gaskets for profiles with a caramel body complete harmony. A premium alternative to standard black or gray gaskets, which contrast unattractively with light-colored profiles.
- The option to customize the combination between the body color and gasket color, according to the aesthetic requirements of the project.





8. Safety, functionality and durability

Intensively tested MACO material

Components certified for a minimum of 15,000 closing/opening cycles.

 Full Maco burglar-resistant hardware as standard

Mushroom-type security locks on all movable sides of the window, effective protection against break-in attempts.







9. Cylindrical hinges for residential doors

- Supports up to 160 kg, offering reliability and safe operation over time.
- Elegant and timeless look
- Visible screw threads sleek design, no cover sleeves, with additional burglary security
- No need to cut the perimeter seal no compromise on tightness
- Three-dimensional adjustment with post-assembly ±2 mm adjustment even on doors already installed
- 180° opening angle full functionality for any type of access
- Durable components Teflon rings, stainless steel bolts (NIRO)
- International certifications RC3, SKG 2 and CE
- Available in RAL colours and special finishes: satin stainless steel (F4, F9), Anodizing





10. Strategic positioning - premium without compromise

- Complete solution in the 82 mm segment, with top performance and exclusive finishes.
- Offers an ideal balance of energy efficiency, comfort and aesthetics, at a price justified by real value.

11. The VEKA brand - a guarantee of German quality

- VEKA is the world's largest producer of PVC profiles for windows and doors, internationally recognized for its German precision, consistent quality and innovative capacity.
- It is a reference brand in the industry, specializing in high-end systems, designed for Superior performance, durability and aesthetics. Each profile is manufactured according to the highest European standards, in compliance with quality class A complies with EN 12608.





Unique Selling Proposition (USP) - MAXIMA VEKA SOFTLINE 82 MD



■ HAUSTÜR – Residential door with high-end equipment Robust entrance door, equipped with 3 mm welded reinforcement, 160 kg cylindrical hinges, and high-performance hardware, offering safety, aesthetics, and durability.

MILIMETRIC – perfect welding finish

Welding performed with Graf Synergy technology, ensuring millimetric joints without burrs, providing a flawless finish, including in visible areas.











Tilt-and-slide hardware kits

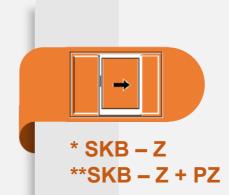




Self-positioning tilt-and-slide hardware system designed for sliding windows and doors.

The sash slides laterally, and upon closing, it automatically positions it self in the frame without the need for manual lifting.

It is operated from the window/patio door handle.





Robust system for large elements, where the sash is guided into the closed position, with a mechanism that ensures uniform pressure and efficient sealing. These are operated from the window/patio door handle.