



MAXIMA

VEKA MOTION

Product sheet

June 2025



- **The MAXIMA VEKA MOTION 82** system is a modern sliding solution, designed to combine generous glass surfaces with easy, safe and efficient use.
- In a contemporary architectural context, windows are no longer just technical elements, but an integral part of the overall design and living experience.
- **Sliding doors allow architects to create fluid spaces without visual barriers, amplifying the sense of openness and continuity.** They have become a symbol of modernity, redefining the way we perceive the interior and exterior of a home.



- The MAXIMA VEKA MOTION 82 system is designed for **high-end residential projects** where natural light, generous access, and modern aesthetics are priorities.
- Aimed at those who value the **balance between functionality and design**, the product offers an **elegant solution for large glazed spaces**, while ensuring **high-performance thermal and acoustic insulation**, durability and comfort of use.
- It is a smart **and sustainable investment**, which helps to increase the value of a home or building through superior finishing, easy handling and harmonious integration into contemporary architecture.



The MAXIMA VEKA MOTION 82 system is aimed at customers who focus on comfort, **open space and coherent design**, being ideal for projects where windows and sliding doors play an essential role in defining the quality of life.

- **Real estate developers** who want to differentiate projects through modern and value-added construction solutions.
- **Architects and designers** interested in the integration of wide and continuous openings without visual barriers.
- **Builders and installers** who want a reliable, precision-crafted product that is easy to assemble.
- **End beneficiaries** who are looking for an elegant, practical and sustainable solution for access to terraces, gardens or loggias.

MAXIMA VEKA MOTION 82 is suitable for both new buildings and high-level renovations, where more light, functionality and aesthetics are desired in a single product.

01



Easy access to the outside without losing interior space

Sliding opening, ideal for terraces, balconies, gardens

03



Modern aesthetics and seamless architectural integration

Minimalist design, adaptable to premium and contemporary constructions

02



Abundant natural light and a sense of open space

Large glazed surfaces, slim profiles, no visual barriers

04



Ease of use and long-term reliability

Lift-slide system with bearings up to 400 kg, silent and smooth operation

05



Energy efficiency

High-performance thermal insulation up to $U_w = 0.76 \text{ W/m}^2\text{K}$, energy savings, and reduced costs.

08



Sound insulation

Sound insulation level of approximately 42 dB, suitable for noisy urban areas

06



Structural resistance and security

194 mm deep frame system, class A profile, with massive steel reinforcements, RC2 resistance.

09



Barrier-free access

PVC threshold for lift-and-slide doors, ideal for obstacle-free passage

07



Excellent sealing

Excellent sealing
The profiles are equipped with three rows of sealing gaskets that provide a complete barrier against water, wind, and dust.

10 Divas



Chromatic diversity

Available in a wide range of colors and finishes, including the special Spectral and Feinstruktur variants.

Modern sliding solution, designed for large glass surfaces and easy, safe and efficient use.

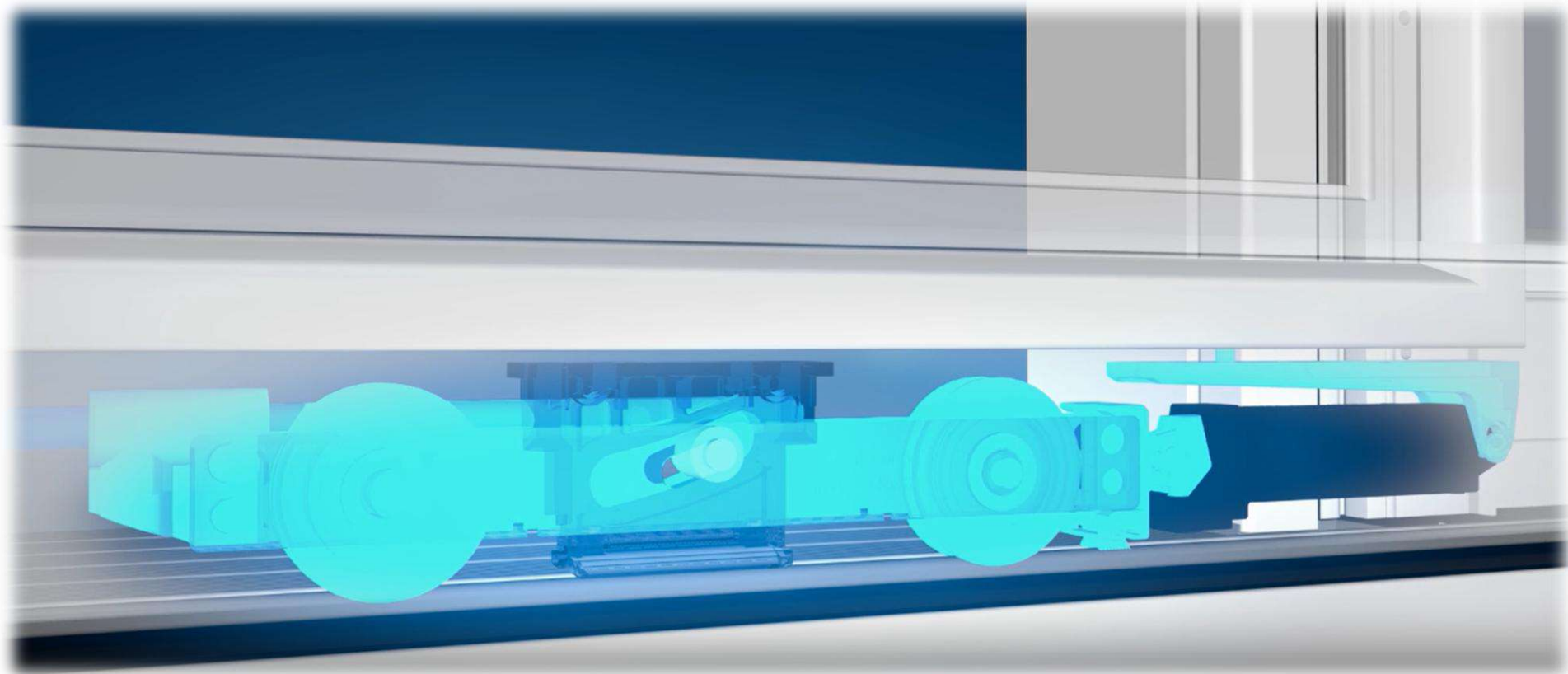
1. Outstanding energy efficiency – U_w up to $0.76 \text{ W/m}^2\text{K}$

The VEKA Motion 82 system achieves outstanding thermal insulation performance, with U_w values of up to $0.76 \text{ W/m}^2\text{K}$, thanks to the optimized multi-chamber geometry and the use of perimeter insulation technology. It is the ideal choice for energy-efficient projects, as it is also compatible with passive house standards.



2. Sliding lifting system - effortless opening, even for heavy objects

Thanks to the lift and slide mechanism, the opening is smooth, quiet and effortless, regardless of the size or weight of the sash. It is ideal for large openings, offering comfort and accessibility in everyday life.



3. Large glass areas – natural light and open architecture

The system makes it possible to create glazed units up to 6.5 meters **wide** and **2.7 meters high**, with movable and fixed leaves in various configurations.



4. High-level waterproofing – up to class 9A

The system is equipped with perimeter seals and a continuous thermal insulation threshold, which provides superior protection against water and air infiltration. The tests confirmed a tightness comparable to that of superior tilt-and-turn systems, up to class 9A (600 Pa).



5. Advanced sound insulation - up to 42 dB

Through the use of thermally insulated glass with a thickness of up to 52 mm and profiles with high acoustic properties, VEKA Motion 82 can achieve sound insulation values of up to 42 dB, thus providing superior acoustic comfort even in crowded urban areas.



6. Easy access and ergonomic design in two options – 62 mm threshold or 24 mm Flatstep

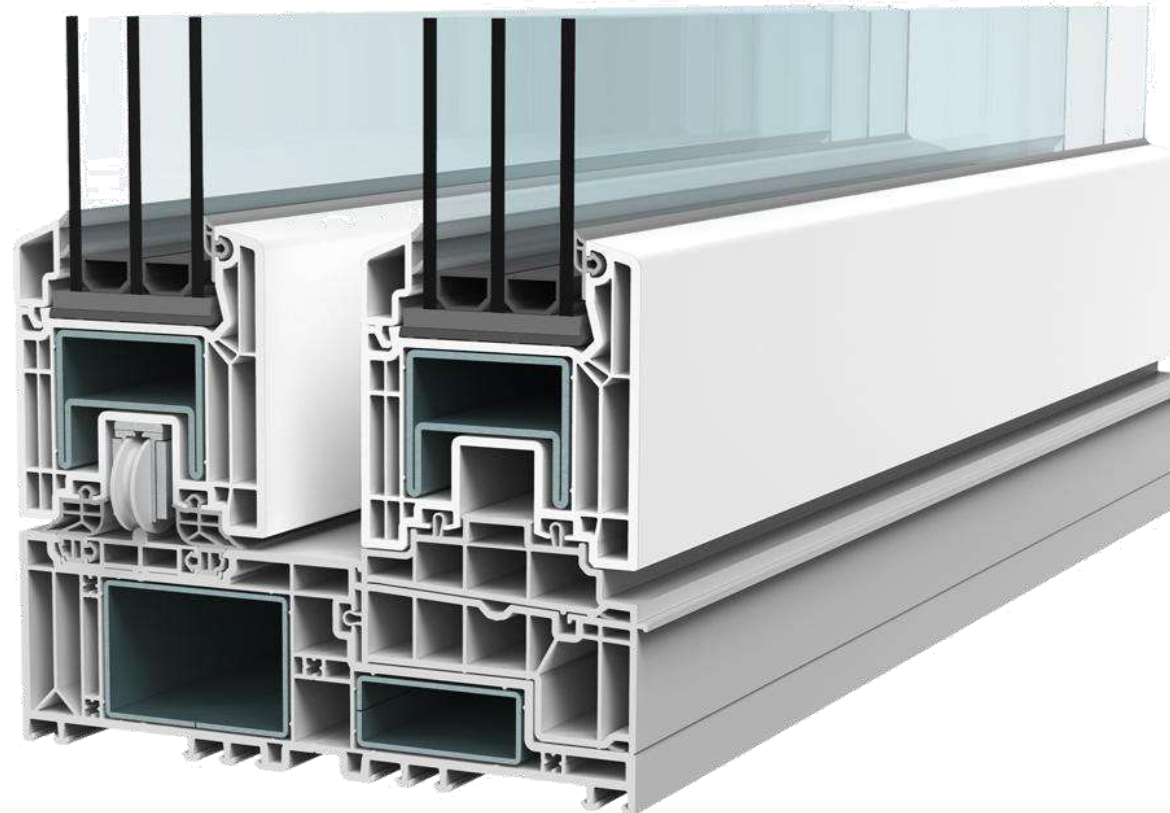
The VEKA MOTION 82 MD system offers two effective solutions for the transition between indoors and outdoors:

- **62 mm high-performance thermal threshold:**
 - ❖ **Built-in in the ground** – allows for underground installation up to the trim level, allowing for continuous passage, ideal for frequently accessible areas or for people with reduced mobility.
 - ❖ **Continuous thermal barrier** – reduces heat loss and optimizes energy efficiency of the assembly.
- **24 mm Flatstep threshold:** for a minimalist and uniform look, appreciated in contemporary architecture



7. Robust construction – opening up to 400 kg

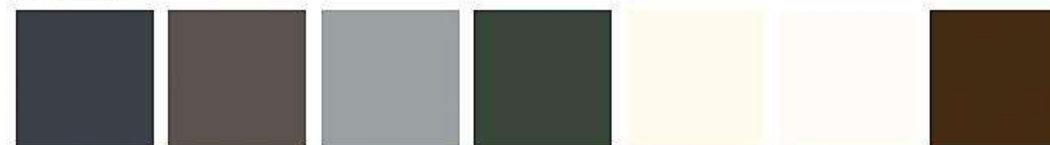
VEKA Motion 82 MD enables the creation of large glass elements (up to 6.5 meters wide), with leaves weighing up to 400 kg, thanks to robust metal reinforcements, optimized geometry and special high-strength bearings.



8. Wide range of colours - including high-end Spectral and Feinstruktur decors

Available in a wide variety of finishes: plain, textured, wood-effect, as well as in the matt and ultra-matt decors of the Spectral and Feinstruktur ranges. These finishes give the system a sleek, contemporary look, superior resistance to scratches, UV rays and weather – for a long-lasting, uncompromising aesthetic.

FOLIERI GAMA SPECTRAL



GRI ANTRACIT
ULTRAMAT

GRI ANTRACIT
ULTRAMAT

GRI ULTRAMAT

GRI BRAD
ULTRAMAT

ALB PUR
ULTRAMAT

ALB ULTRAMAT

SEPIA

FOLIERI GAMA FEINSTRUKTUR



SCHWARZ
FEINSTRUKTUR

ANTHRAZITGRAU
FEINSTRUKTUR

SCHIEFERGRAU
FEINSTRUKTUR

QUARZGRAU
FEINSTRUKTUR

BASALTGRAU
FEINSTRUKTUR

SILBERGRAU
FEINSTRUKTUR

UMBRA
FEINSTRUKTUR

FOLIERI ÎN CULORI UNIFORME



JET BLACK SFTN
CC+

ANTHRAZITGRAU

ANTHRAZITGRAU
SEIDENGLATT

SCHIEFERGRAU

SCHIEFERGRAU
UNGENARBT
(GLATT)

QUARZGRAU

QUARZGRAU
UNGENARBT
(GLATT)

FOLIERI IMITAȚII ESENȚE LEMNOASE



SCHWARZBRAUN

MACORE

BRAUN

MOOREICHE

MAHAGONI

SIENA NOCE

SIENA ROSSO

9. Specialized MACO and GU hardware – long-term reliability and versatility

The VEKA Motion 82 MD system is compatible with dedicated lifting and sliding equipment from MACO and GU, two industry-leading brands. The components are intensively tested for up to 20,000 cycles, ensuring reliable operation, increased durability and reduced maintenance.

As an option, the self-drive version is also available, for more comfort and technology in modern projects.

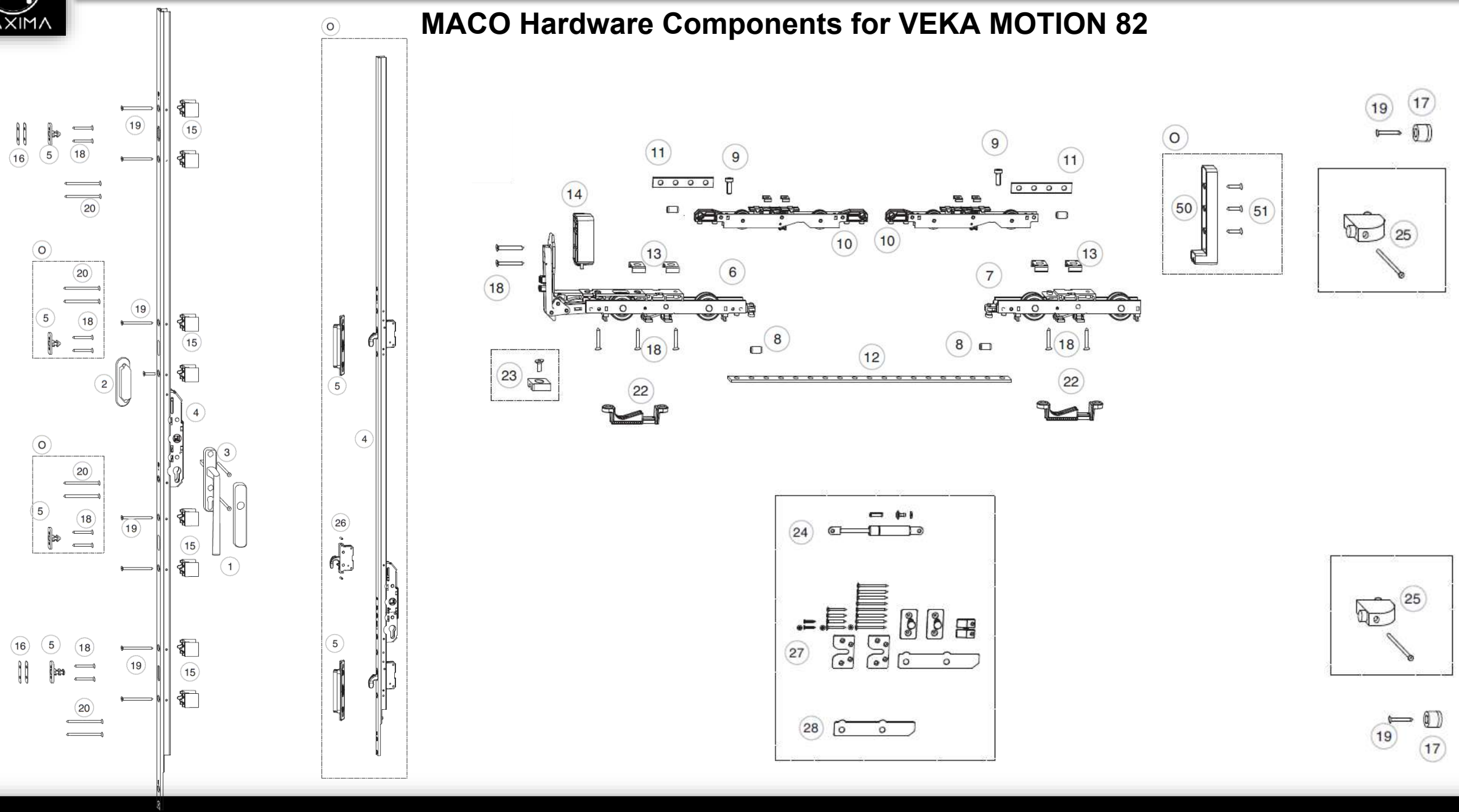


GU



MACO

MACO Hardware Components for VEKA MOTION 82



10. Exclusive Class A profile – VEKA-certified German quality, according to EN 12608

All VEKA Motion 82 profiles are exclusively produced in Germany and are manufactured **only in class A**, according to the European standard EN 12608 – without compromises.

This means **thick outer walls (≥ 2.8 mm)**, **increased rigidity**, **excellent static behavior**, and **superior durability in use**.

Class A is the guarantee of premium joinery, with high resistance to shocks, deformations, and aging over time.

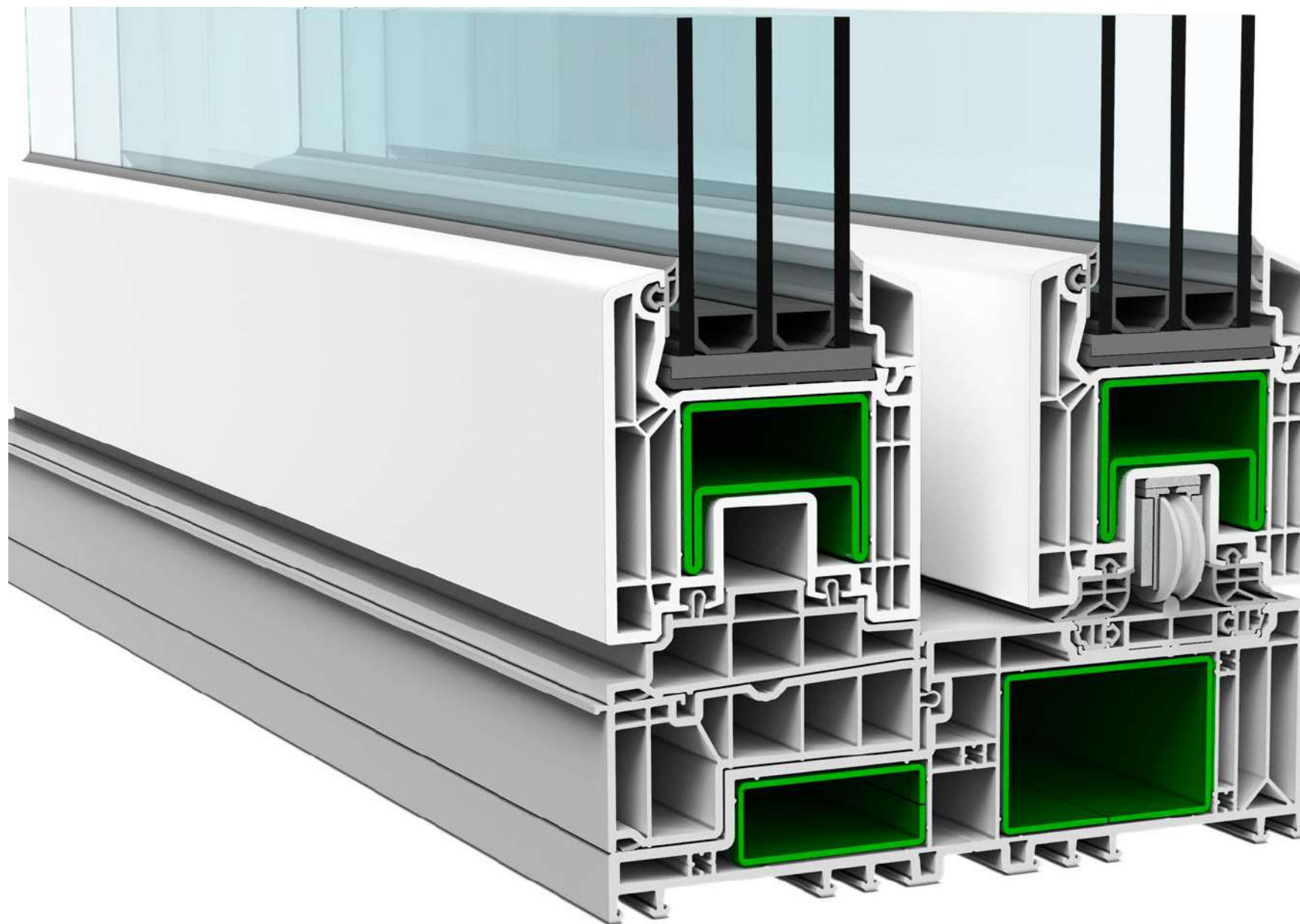


11. Premium steel reinforcements – guaranteed strength, compliant with VEKA standards

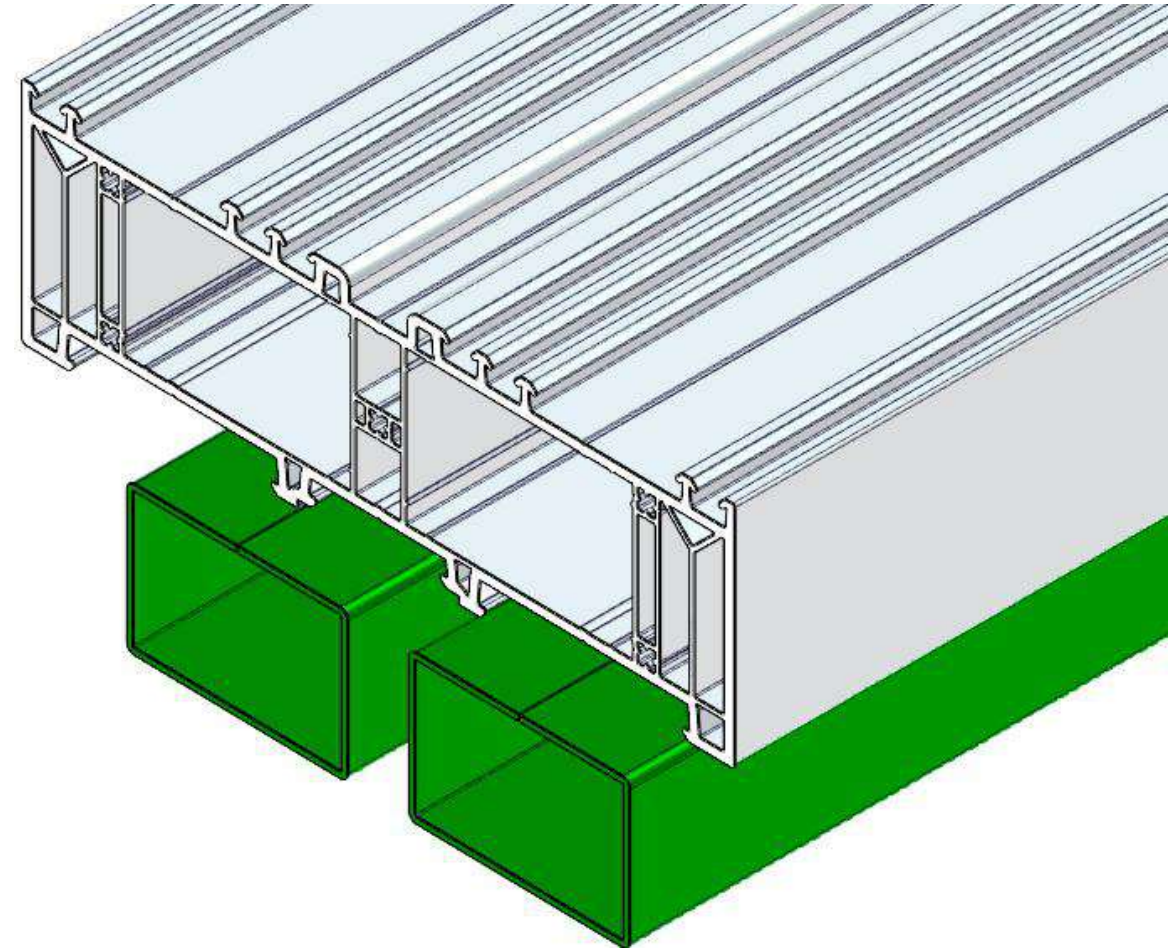
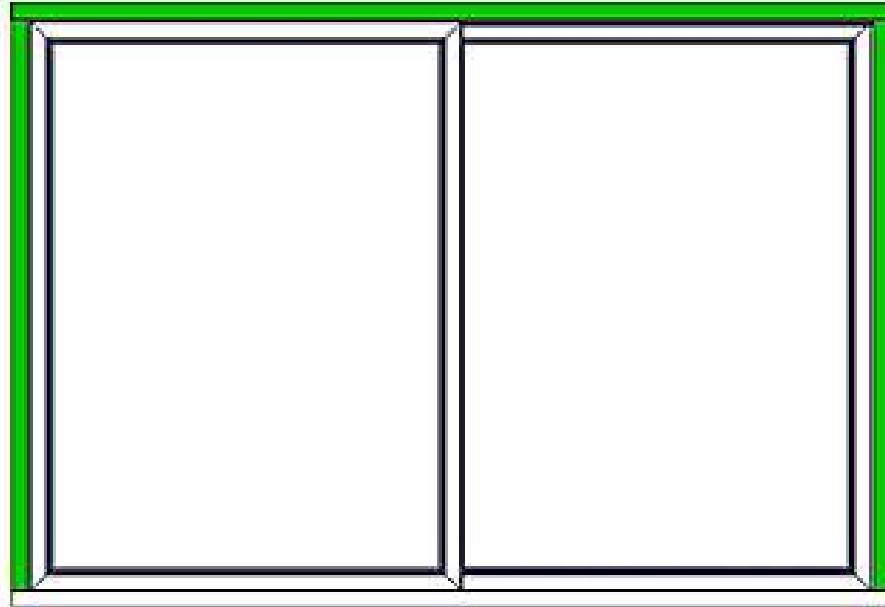
The VEKA Motion 82 MD system is reinforced with high-quality steel, manufactured by a renowned industry producer. Each reinforcement is made according to VEKA's original technical recipes, ensuring high structural strength and consistent quality in all applications – from standard elements to large-scale configurations.

12. Top sliding door for demanding projects – complete, elegant, and high-performance solution.

VEKA Motion 82 MD is the ideal choice for those seeking a sliding door with a large opening, high thermal performance, and top architectural aesthetics. It is a premium solution recommended for the high-end residential market and architectural projects.

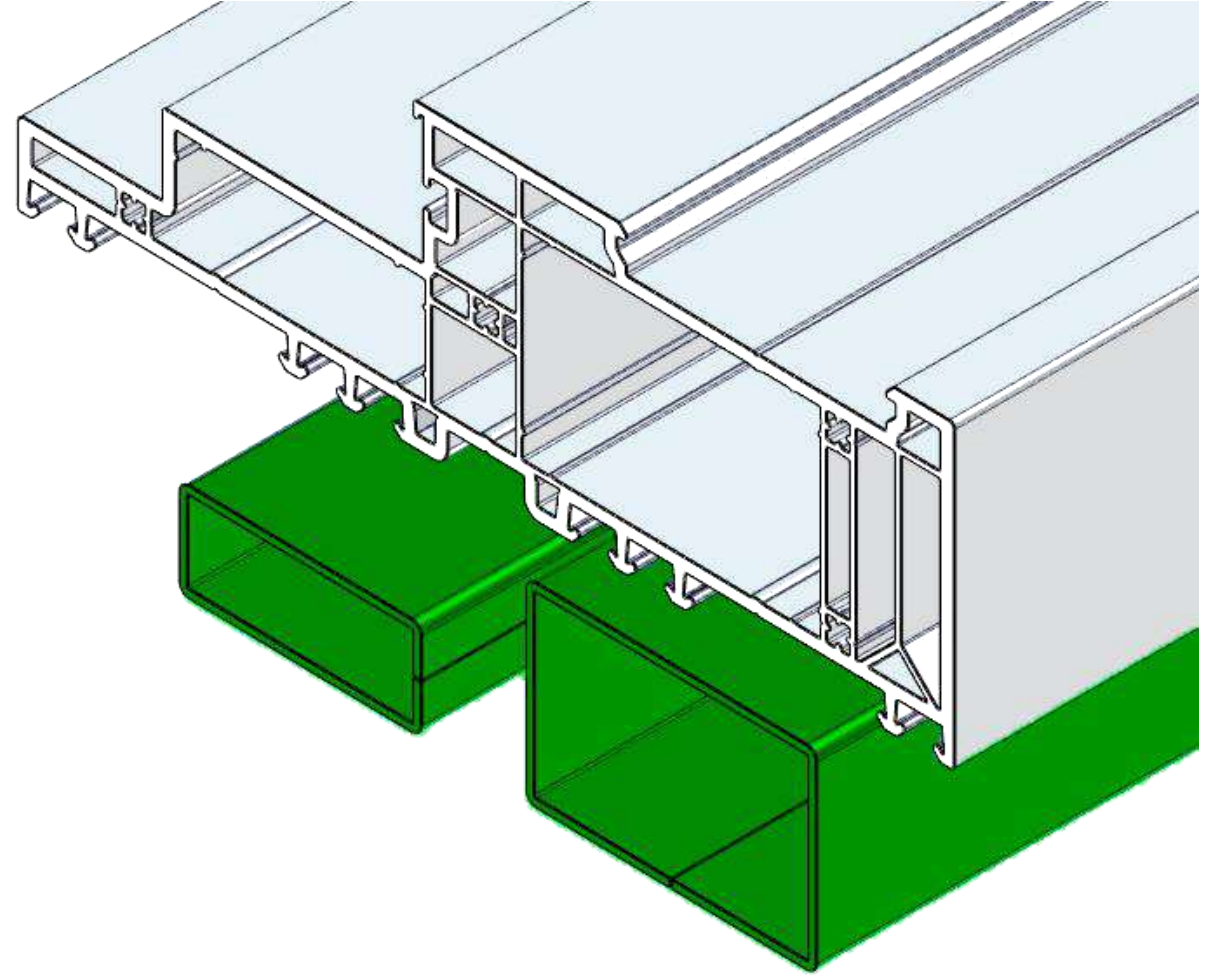
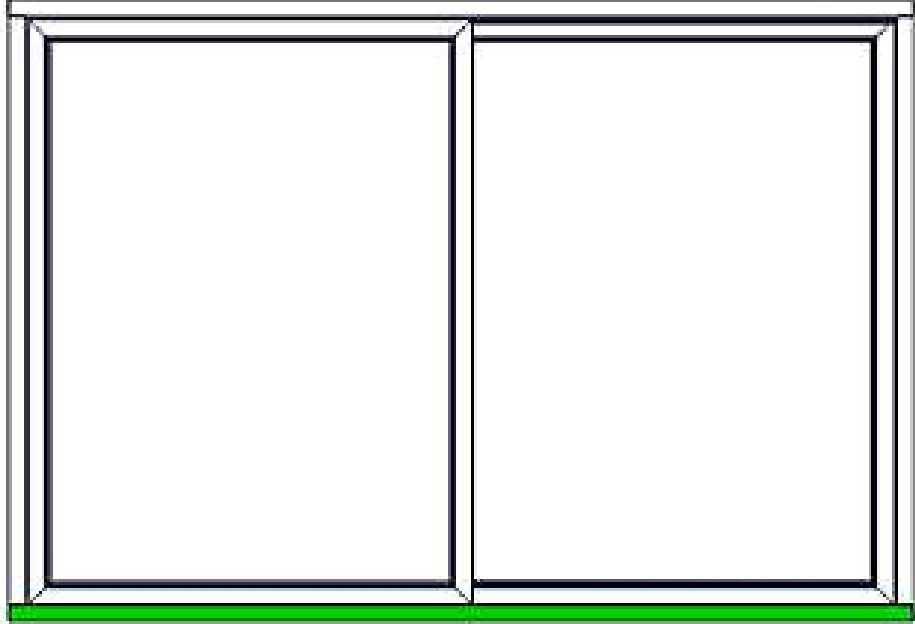


Product Name	MAXIMA VEKA MOTION 82
Brand Profile	VEKA
Range	VEKA MOTION 82
Profile class (EN 12608-1)	Class A
Frame Build Depth	194 mm
Sash construction depth	82 mm
Height of the frame-leaf combination	152 mm
Heat Transfer Coefficient Uf	up to 1.4 W/m²K
Rw sound insulation	Up to 42 dB
Wind resistance	Up to class B3 (according to EN 12211)
Airtightness	Up to class 9A (according to EN 1027)
Air permeability	Up to class 4 (according to EN 1026)
Burglary resistance	Up to RC2
Glazing Options	28 mm, 32 mm, 44 mm, 52 mm. (50 mm for the cream-coloured table)
Durability	Recyclable system, contributing to the conservation of resources

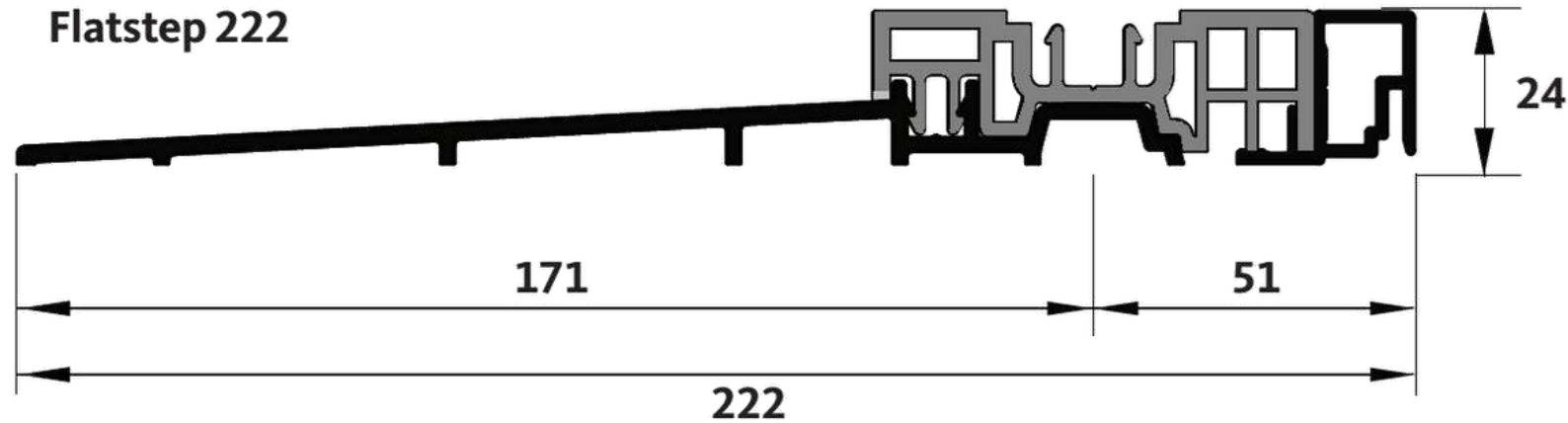


This profile is reinforced with rectangular steel with a thickness of 3.0 mm.

The frame is made exclusively by mechanical assembly, not by welding.



- The 105.422 threshold profile is reinforced with 2.0 mm thick rectangular steel as standard.
- It includes specially designed sealing and drainage zones to prevent water infiltration and maintain the energy performance of the system.



GU Flatstep threshold – minimalist solution for barrier-free access

- **Low height: only 24 mm**, ideal for modern residential projects where perfect continuity between interior and exterior is desired.
- **Can be completely integrated into the floor**, resulting in an almost invisible threshold - excellent for access for people with reduced mobility, children or wheelchair users.
- Made of hard aluminum alloy, provides stability **and high mechanical strength**.
- **Compatible exclusively with Schematic A** – cannot be used in other sliding configurations of the VEKA system MOTION 82.

APPENDIX A

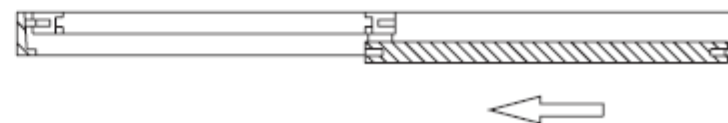
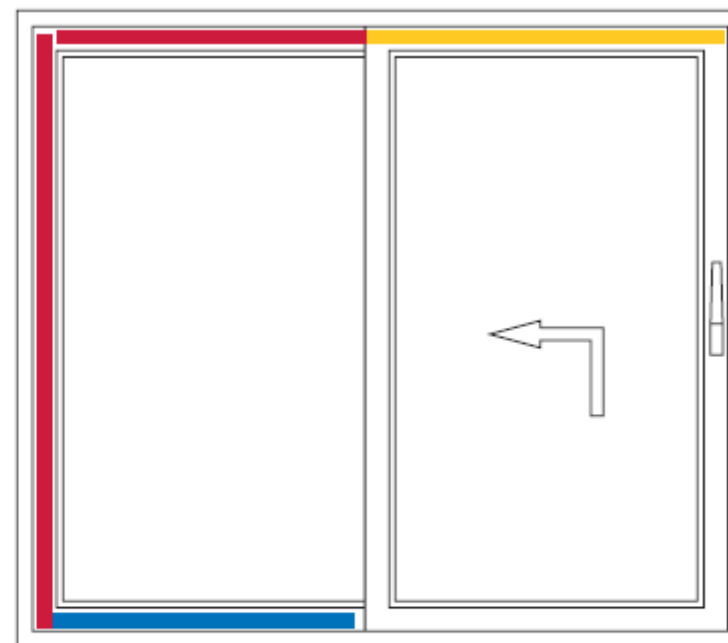
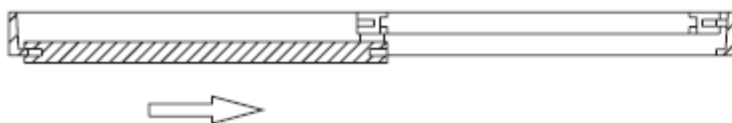
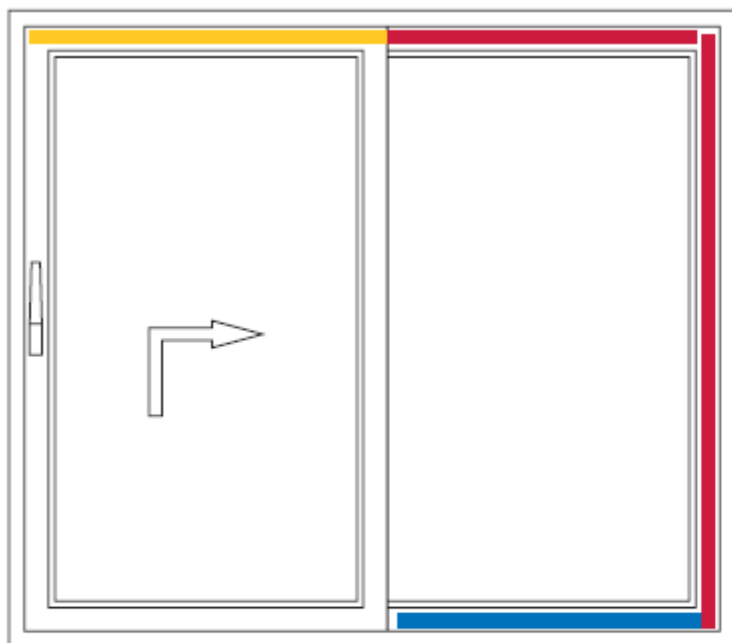
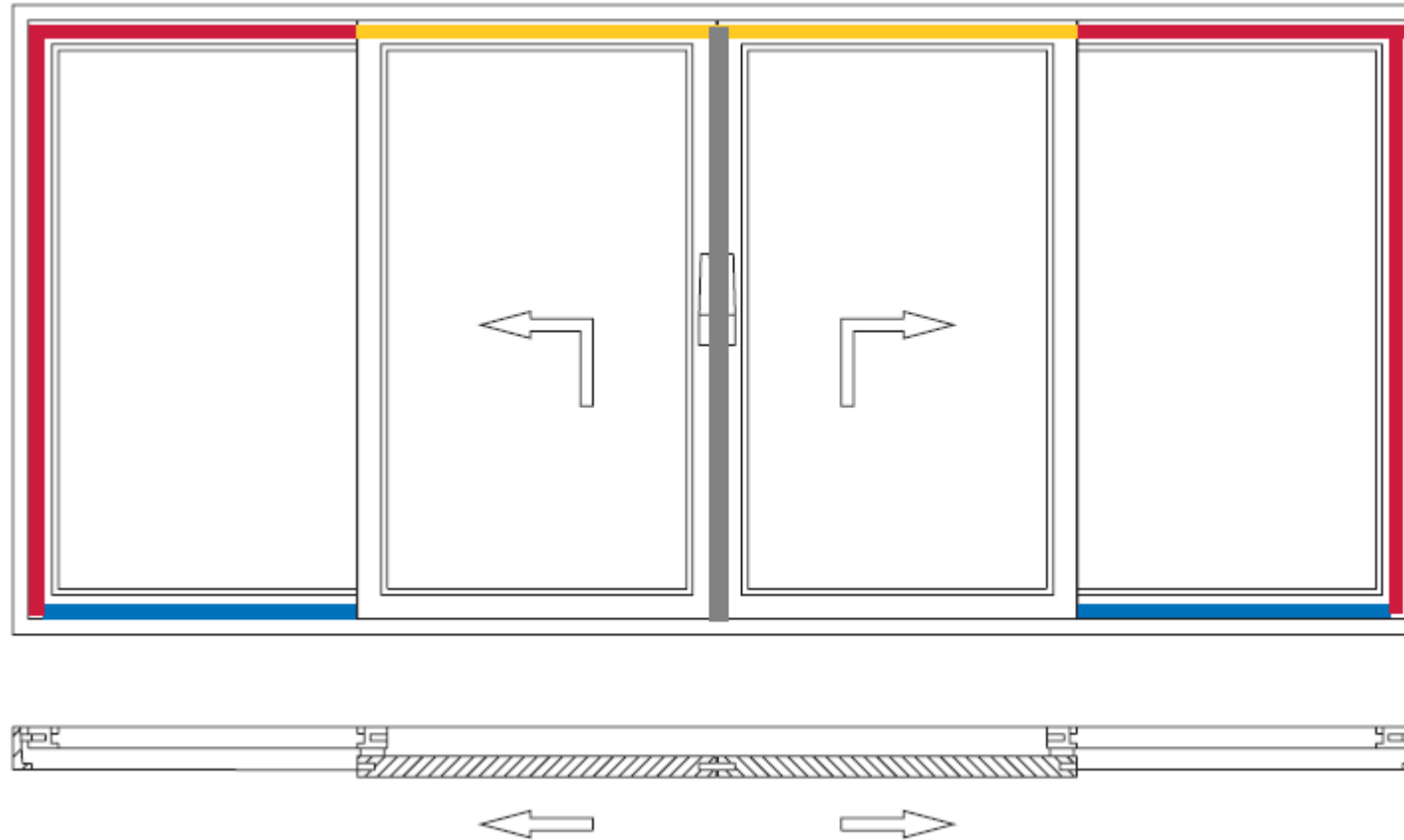
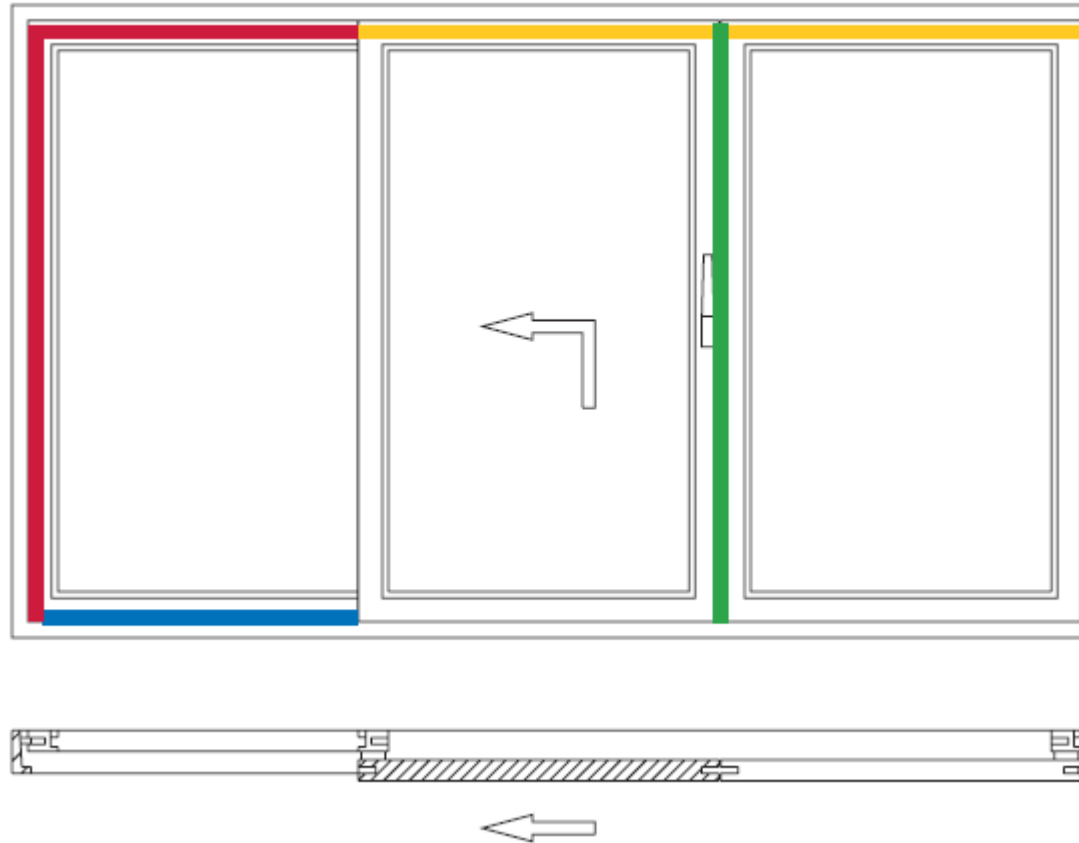


DIAGRAM C



VARIANT OF DIAGRAM C

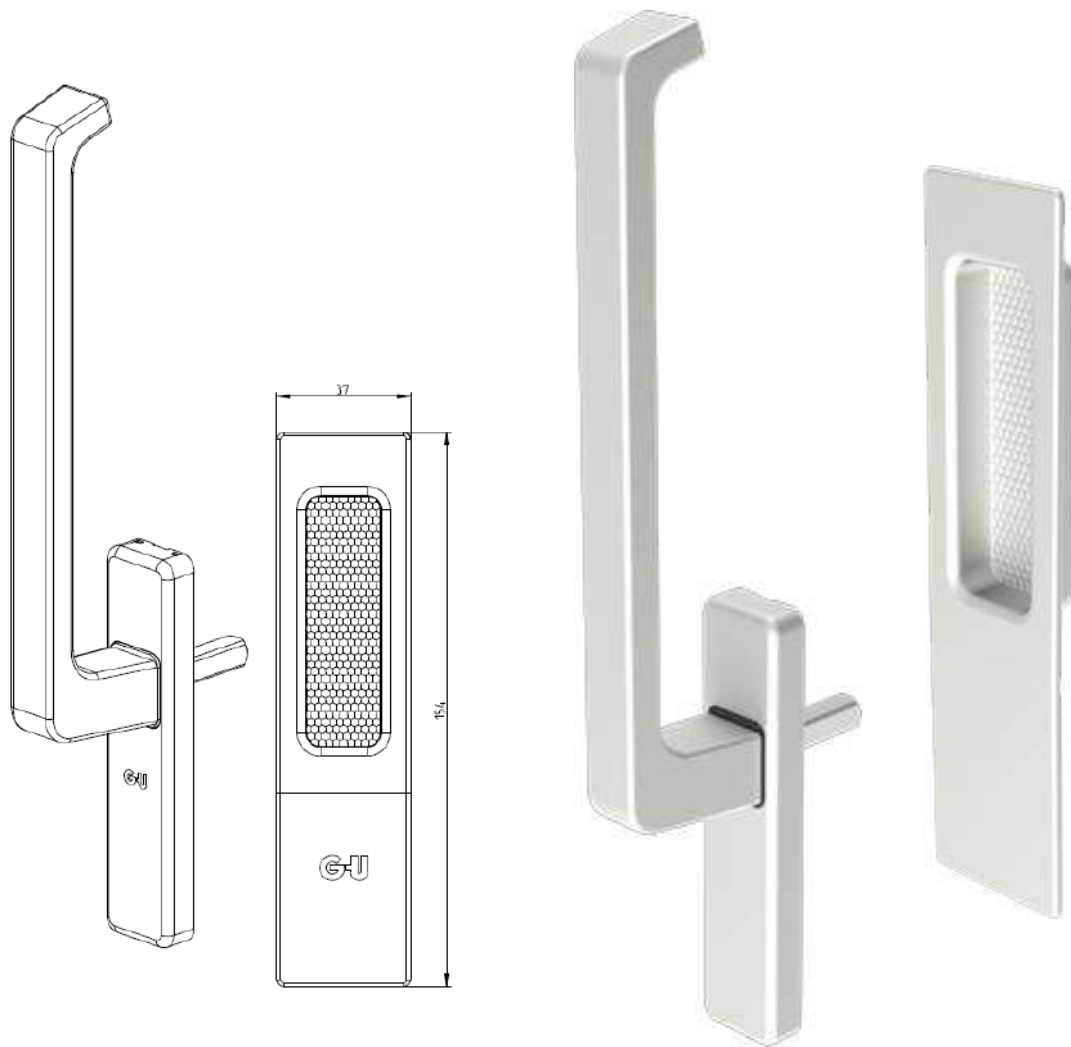


Characteristic	White – Diagram A	Colour – Diagram A	White – Diagram C	Color – Diagram C
Maximum frame width	6.00 meters	5.00 meters	6.50 meters	6.50 meters
Maximum frame height	2.70 meters	2.50 meters	2.70 meters	2.50 meters
Maximum sash width	3.00 meters	2.50 meters	3.00 meters	2.50 meters
Maximum weight per sash	250 kg	250 kg	250 kg	250 kg

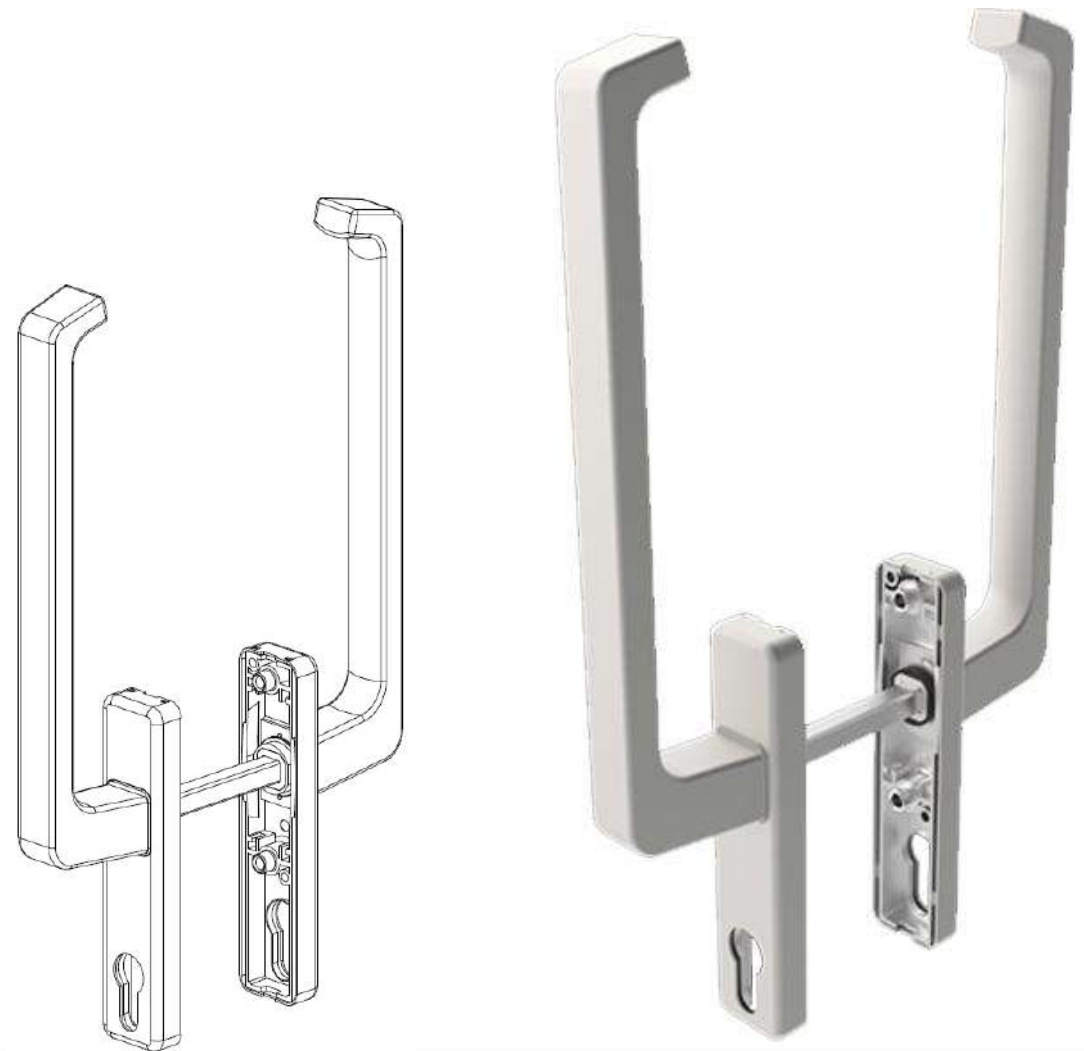


No.	Supplier / System Type	Handle Configuration	Key features
1	GU with engine	Automate	Electric propulsion
2	Standard GU	Inner handle / outer shell	Simple sliding opening, no key lock
3	GU with lock	Indoor/outdoor handle with lock	Security lock with key on the handle
4	MACO HST Br. Bolt-Hook	Inner handle / outer shell	Additional safety closure with hook bolts.
5	MACO HST Br. Bolt-Hook	Indoor/outdoor handle with lock	Additional safety lock with hook bolts, with key on the handle

Inner handle - outer shell



Interior - Exterior handle - cylinder





103670
White
RAL 9016



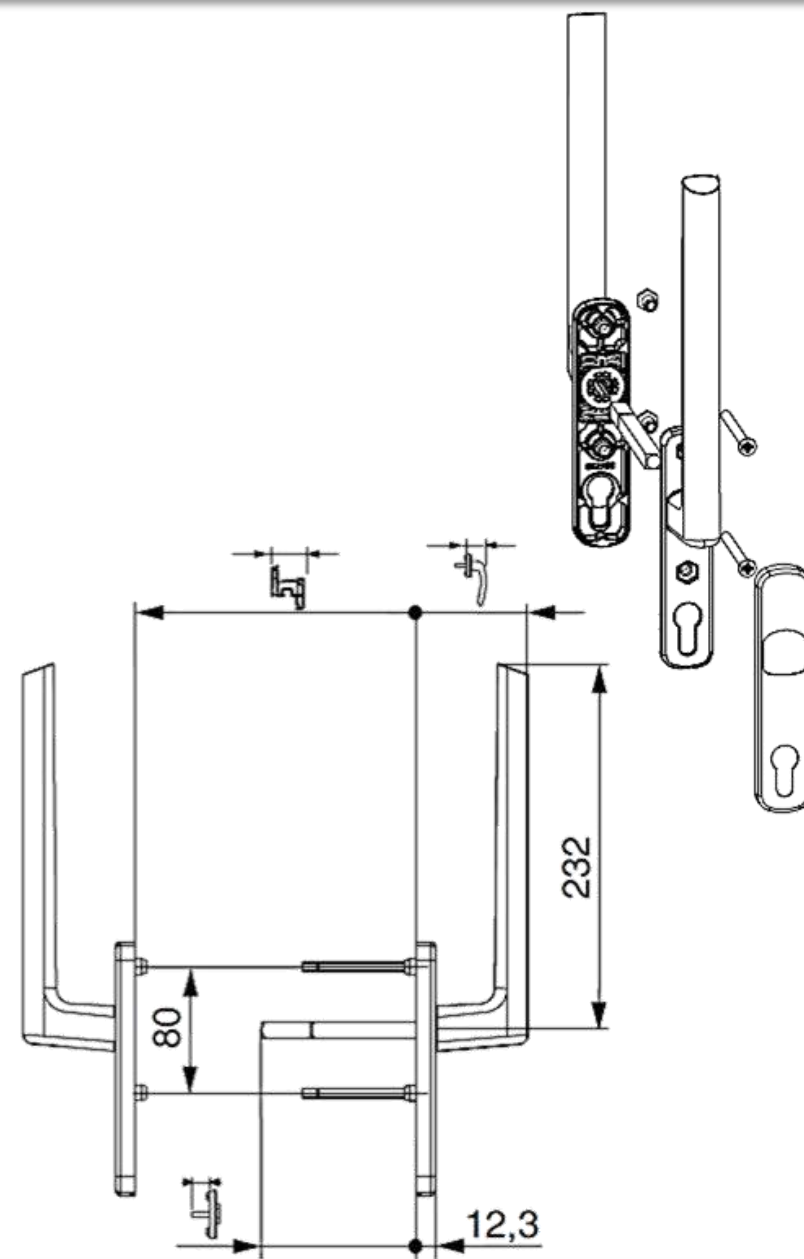
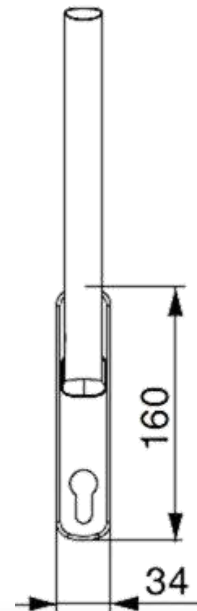
103669
Titanium

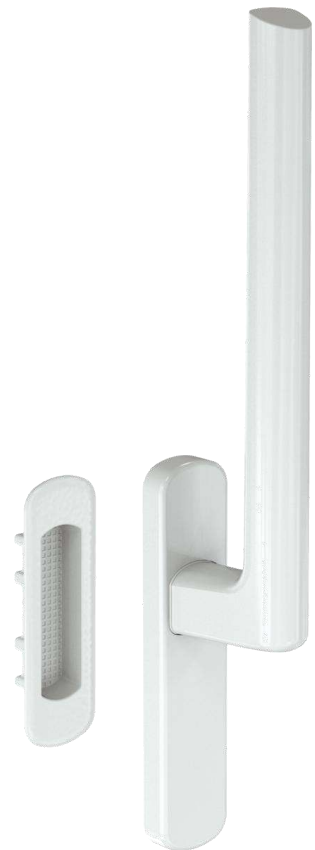


103668
Silver

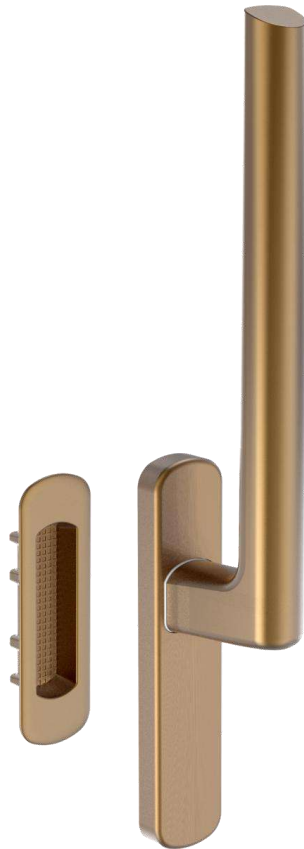


103667
Black brown





103634
RAL 9016



103629
Bronze



103632
Silver



103631
Black brown

