



Kömmerring®
TODAY FOR TOMORROW



TWO MATERIALS. ONE VISION.

Kömmerring WarmCore

HYBRID TECHNOLOGY REDEFINED

PVC-U MEETS ALUMINIUM FOR GREATER EFFICIENCY AND DESIGN FREEDOM.

A hybrid system combines two materials in a single profile structure. The PVC-U core enhances thermal insulation and helps maintain a comfortable indoor climate.

The wraparound aluminium surface ensures dimensional stability and a clean, modern look. This combination results in a design that blends material quality with functional properties. It is suitable for both new builds and renovations and creates a consistent aesthetic throughout the building.

Windows, doors and sliding systems can be flexibly planned and combined with one another.

KÖMMERLING WARMCORE

The hybrid system for modern window and door solutions.

Kömmerling WarmCore is a plastic-aluminium hybrid system that cleverly combines the strengths of both materials.

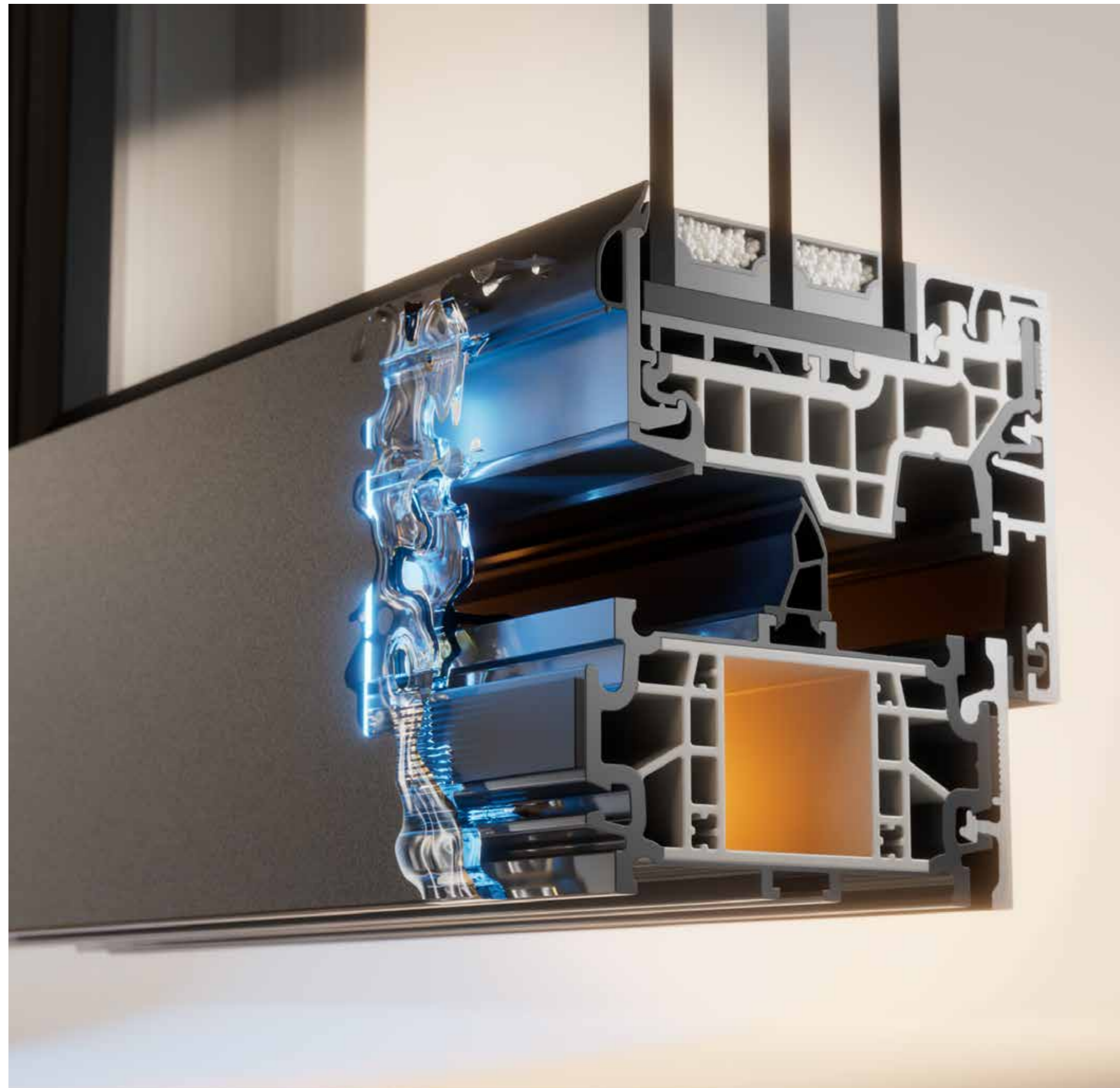
Inside, a thermally optimised PVC-U core ensures excellent thermal insulation and efficient energy management. On the outside, a continuous aluminium cladding protects against the elements and gives the system a sleek, modern look.

The strong bond between the two materials creates a durable, dimensionally stable structure that is impressive both technically and aesthetically.

Kömmerling WarmCore offers energy-efficient window and door solutions that impress with their clean lines, high-quality materials, wide range of colours and maximum design freedom.

As a system platform for new builds and refurbishments, Kömmerling WarmCore comprises windows, balcony doors, front doors, sliding systems and folding-sliding systems.

All components are designed to work together and can be harmoniously combined – creating a consistent look throughout the building.





INTERIOR

The PVC-U core supports efficient heat utilisation and helps to reduce heat loss.

THE BASIS OF THE HYBRID SYSTEM

Kömmerling WarmCore 70

For efficient solutions and clean lines.

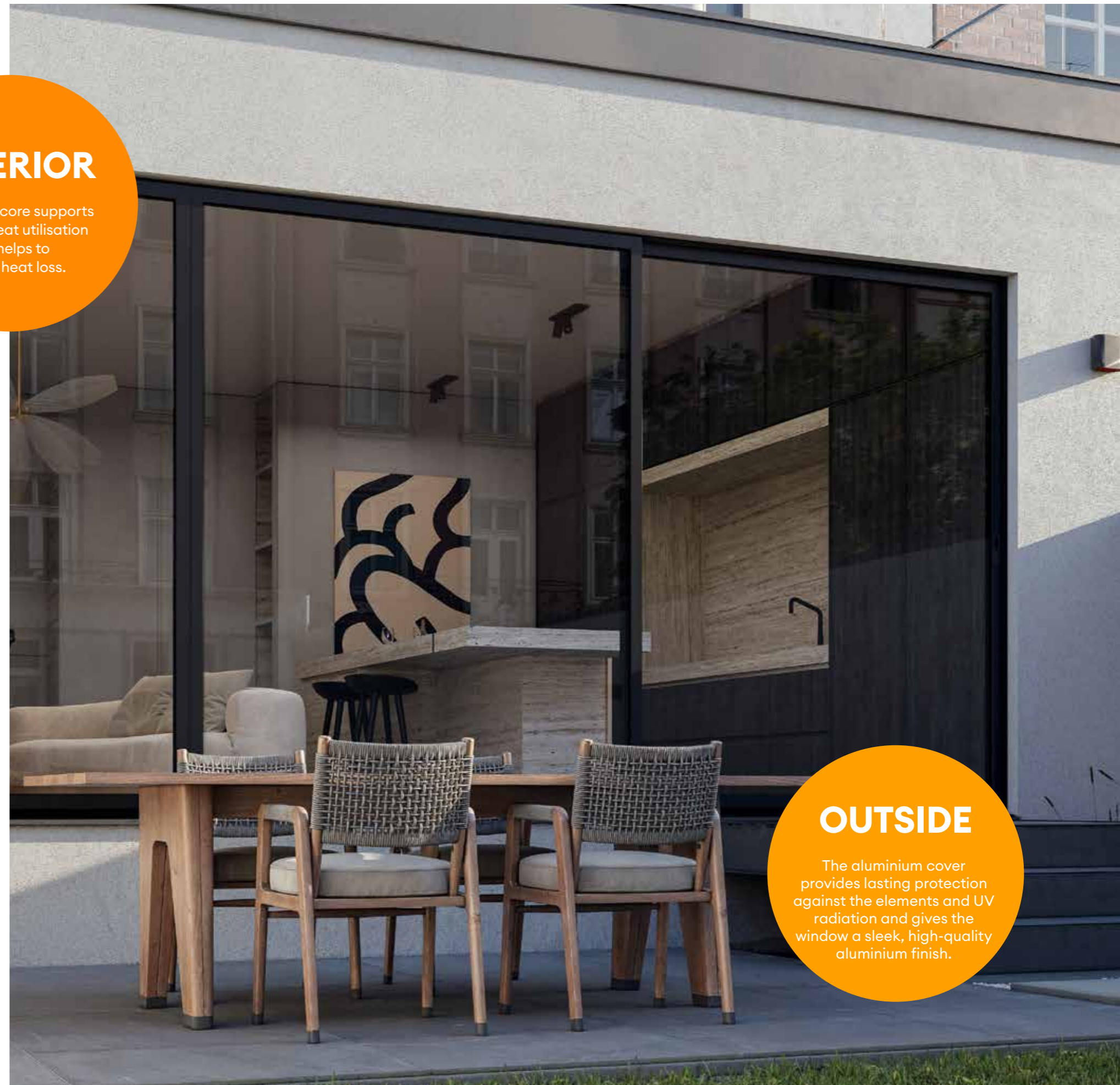
Kömmerling WarmCore 70 is the entry-level model in Kömmerling's range of modern hybrid technology.

The system combines a thermally insulating PVC-U core with a robust aluminium surface – for windows and doors that look great and perform well in everyday use.

The clean lines and high-quality aluminium finish give your home a modern look. At the same time, the optimised core ensures good thermal insulation, a comfortable indoor climate and helps to reduce energy loss.

WarmCore 70 offers you plenty of design freedom: whether it's outwards-opening windows, balcony doors or spacious sliding and folding systems – all elements can be harmoniously coordinated with one another.

A range of colours and finishes allows you to design indoor and outdoor spaces exactly as you wish.



OUTSIDE

The aluminium cover provides lasting protection against the elements and UV radiation and gives the window a sleek, high-quality aluminium finish.

Kömmerling WarmCore 70

THE VARIANTS



WarmCore 70 Turn

Windows & Balcony door

Designed for large windows and floor-to-ceiling glazing.

U_f value 1,2 W/(m²K)*

Safety Multi-point locking as standard
Upgradable to PAS 24:2022 or Secured by Design

Glazing Up to 44 mm

Variants WarmCore 70 Out (outward-opening)
WarmCore 70 In (inward-opening)

WarmCore 70 Door

Residential Door

For modern front doors offering maximum design freedom and flexible planning.

U_f value Up to 0,9 W/(m²K)*

Multi-point locking as standard

Up to 44 mm

Available in 1- and 2-sash versions
Various threshold designs available



WarmCore 70 Slide

Sliding system

10 self-levelling castors and heavy-duty guide system, tested for up to 50,000 cycles**.

U_f value 1,9 W/(m²K)*

Two-way locking mechanism, Yale Platinum 3-Star cylinder, optional safety glass and soft-close

Floor-to-ceiling, large-scale surfaces up to 44 mm

2-, 3- and 4-sash versions available



WarmCore 70 Fold

Folding sliding solution

Smooth-running, durable roller mechanisms for systems with up to seven sashes.

U_f value 1,3 W/(m²K)*

Standard multi-point locking system
Upgradable to PAS 24:2022 or Secured by Design

Up to 44 mm

Can be configured with up to 7 sashes left, right or symmetrically centred, optionally with a low threshold

*Tested in accordance with DIN EN ISO 10077

** Proof available



**THE REVOLUTIONARY
WINDOW SYSTEM
IN A SLEEK DESIGN**



INTERIOR

The sophisticated hybrid technology enables durable, aesthetically sophisticated solutions that visibly enhance existing architecture and optimise energy efficiency.



OUTSIDE

Ideal for modern new-build projects featuring generous dimensions, clean lines and high-quality hybrid technology that combines design flexibility with structural integrity.

TWO MATERIALS. ONE VISION.

Kömmerling WarmCore 76

Hybrid technology for long-lasting solutions.

Kömmerling WarmCore 76 is a high-quality system platform comprising windows, balcony units, sliding elements and residential door solutions featuring a modern hybrid construction. A multi-chamber PVC-U core combined with a wraparound aluminium surface combines excellent thermal insulation, high stability and a clean, contemporary aluminium look. The greater construction depth provides the basis for durable structures, generous dimensions and a sleek, high-quality appearance.

In addition to inwards- and outwards-opening windows and flush-fitting variants with concealed sashes, WarmCore 76 Slide complements the system with large-format sliding solutions for open, light-filled transitions between indoor and outdoor areas. Sturdy profiles and smooth-running mechanisms ensure ease of use and architectural freedom. The system is rounded off by dimensionally stable residential door solutions with a wide range of design options.

WarmCore 76 is ideal for demanding new-build and renovation projects where material quality, design versatility and a harmonious overall effect are key priorities.

Kömmerling WarmCore 76

THE VARIANTS



WarmCore 76 Turn

Window / Patio door

Combines excellent thermal insulation, high stability and modern design in a durable window system.

U_f value 1,0 W/(m²K)*

Safety RC2

Glazing Up to 50 mm

Variants WarmCore 76 In (inward-opening)
WarmCore 76 Pure (hidden sash)

*Tested in accordance with DIN EN ISO 10077
** Proof available

Flush sash window design with no visible sash for maximum peace and quiet and more natural light.



WarmCore 76 Door

Residential doors

Offers safe comfort, durable quality and a design that suits your home.

1,0 W/(m²K)*

Multi-point locking as standard
Upgradable to RC2

Up to 50 mm

Available in 1- and 2-panel versions, with optional side panels and a transom window



WarmCore 76 Slide

Sliding system

Enables spacious sliding solutions with plenty of natural light, reliable technology and a modern aluminium finish.

1,9 W/(m²K)*

Two-way locking and optional safety glass

Up to 30 mm

Available in 2- and 3-sash versions



Kömmerling WarmCore HIGHLIGHTS

Design and surfaces

Kömmerling WarmCore features a flush exterior finish with no visible window sashes, giving buildings a clean, uncluttered appearance.

The large proportion of glass allows plenty of natural light into the room, whilst the uniform aluminium finish on both the inside and outside creates a modern, high-quality appearance.

Easy to maintain, weather-resistant and available in a wide range of colours and finishes, WarmCore offers maximum design freedom. Ideal for modern architecture with high standards of design and aesthetics.

Safety

Even in its standard version, Kömmerling WarmCore offers a high level of security. The standard multi-point locking system ensures that the window is securely locked, whilst internal glazing beads and sturdy fittings further enhance burglary protection.

For more stringent security requirements, the system can optionally be specified to meet security class PAS 24:2022 or the Secured by Design standard. WarmCore thus combines modern design with a noticeable boost in security – tailored to a variety of living and usage scenarios.



Sustainability

The thermal insulation properties of the hybrid core can help to reduce heat loss and improve a building's energy efficiency.

AT A GLANCE



More design

The slim, clean-lined hybrid profiles create a modern look. And the wide range of colours, covering the entire RAL palette, offers plenty of scope for personalisation.



More thermal insulation

Even in its standard version, Kömmerling WarmCore 76 offers high-performance thermal insulation with a U-value of up to 1.1 W/(m²K).



Better soundproofing

Combined with high-quality functional glazing, the Kömmerling WarmCore 76 system offers you excellent sound insulation of up to 47 dB.



Greater security

The window and door frames can easily be reinforced with security fittings and other burglary-resistant measures.



Greater airtightness

Innovative sealing systems keep draughts, dust and rain out. They also create a comfortable indoor climate and optimise thermal insulation.



Greater ease of care

The surfaces of the aluminium profiles are extremely weather-resistant and easy to clean.



Greater stability

WarmCore's robust construction requires no additional steel reinforcement. The strong composite of a PVC-U core and aluminium surface ensures excellent dimensional stability and reliable performance.



Greater ease of use

Thanks to innovative hardware technology, these window solutions are incredibly easy to open and close. All standard opening styles are available.



Better ventilation

Well-designed ventilation solutions can help create a comfortable indoor environment.



Greater value retention

The high quality of all components and the use of durable materials form the basis for solutions that remain reliable over the long term. This can help to maintain the property's value in the long term.



#KömmerlingForTomorrow

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Subject to technical changes! 0526