



Kömmerring®
TODAY FOR TOMORROW



SUSTAINABLE. ROBUST. AESTHETIC.

Kömmerring WarmCore 76



SUSTAINABLE. ROBUST. AESTHETIC.

Kömmerling WarmCore 76 – the innovative hybrid system made of PVC-U and aluminium

Kömmerling has developed a hybrid system that is innovative in many respects. Kömmerling WarmCore 76 offers windows, balcony doors and residential doors that not only stand out because of their elegant look, but are also distinguished by longevity and sustainability.

The exceptional stability, the extraordinary insulating values, the high percentage of recycled materials and the unlimited design range – Kömmerling WarmCore 76 owes all this to the optimal combination of two materials: **PVC-U and aluminium.**



With a core of high-quality PVC and a solid coating of aluminium – including on the inside of the window for the very first time – Kömmerling WarmCore 76 combines the best properties of both materials.

A BIG STEP TOWARDS A MORE SUSTAINABLE WORLD

Kömmerling WarmCore 76 is taking responsibility

With WarmCore 76, Kömmerling has developed a new window and door system with which we demonstrate our responsibility towards people and nature. Because Kömmerling WarmCore 76 is reaching a whole new level in terms of sustainability.

By using up to 100% recycled material for the PVC core and up to 90% recycled material for the aluminium, Kömmerling conserves valuable resources.

Your decision to purchase the Kömmerling WarmCore 76 hybrid system is therefore also a decision in favour of the environment and the climate. A welcome side effect: Thanks to the outstanding energy efficiency, you reduce not only CO₂ emissions but also your heating costs.



Kömmerling considers the entire life cycle of its products in order to act ecologically in every phase of manufacture. From the selection of raw materials to production methods, from packaging through to recycling. Kömmerling WarmCore 76 uses up to 100% recycled PVC-U and up to 90% recycled aluminium.

LONGEVITY IS ALSO SUSTAINABLE

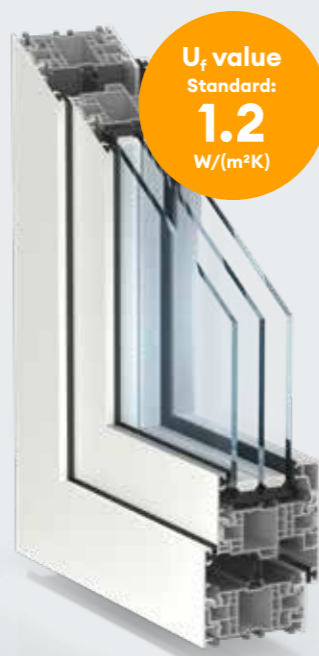
More scope for effective thermal insulation

The firm link between the elegant and low-maintenance aluminium surface and the insulating PVC core not only ensures stability, but also optimises energy efficiency. In terms of thermal insulation, Kömmerling WarmCore 76 is consequently far superior to pure aluminium windows.

As Kömmerling WarmCore 76 creates a non-positive connection between the two materials of PVC and aluminium, there is no need for steel reinforcement. This creates space for thermally insulating filler cores, with which a U_f value of $1.0 \text{ W/(m}^2\text{K)}$ is achieved.



Kömmerling WarmCore 76
Double seal, offset



Kömmerling WarmCore 76
Centre seal, offset

A DECISION FOR TODAY AND FOR TOMORROW

Because saving energy has a future



U_f value
Up to:
1.0
 $\text{W/(m}^2\text{K)}$



With optimally proofed windows, you not only reduce CO₂ emissions and therefore protect the environment and the climate, but also effectively reduce your energy consumption and consequently your expenses.

FOR A BALANCED OVERALL LOOK

Kömmerling balcony doors and residential doors



The Kömmerling WarmCore 76 hybrid system offers you a comprehensive product range. In addition to windows, this naturally includes balcony doors and residential doors – the calling card of your home. This creates a balanced overall look.

You can draw from a wide range of options when designing your dream residential door, from colour selection to functional and ornamental glazing. And of course, security is a top priority for residential doors. Kömmerling WarmCore 76 therefore offers you all you need for a perfect feel-good atmosphere.

THE WHOLE WARMCORE 76 RANGE



VARIED

With WarmCore 76, Kömmerling has developed an original hybrid system. The fixed combination of a PVC core and aluminium (inside and outside) provides a standardised look throughout the entire house, from windows and balcony doors to residential doors.



SUSTAINABLE

In addition to the outstanding thermal insulation, the consistent use of recycled materials also ensures sustainability. In the case of PVC-U, up to 100% consists of recycled materials; for aluminium, it is up to 90%. The entire hybrid system consists of up to 96% recycled materials.



VISUAL

Countless colour options for the aluminium surface (inside and outside) open up a great deal of scope for individual design. The surface pattern or feel is also varied, and ranges from smooth matt and glossy microstructure to coarse structure. In addition, Kömmerling WarmCore 76 can be either offset or flush.



SECURE

Kömmerling WarmCore 76 offers a high level of security. Burglary protection up to resistance class RC 2 is standard and can be increased even further with special fittings.



FIRST-CLASS

When it comes to glazing, Kömmerling WarmCore 76 meets the highest standards. The wide range of glazing variants stretches from 24 to 50 mm. All of these are double and triple glazing with special functional glazing or residential door panelling.



RELIABLE

The profiles of Kömmerling WarmCore 76 are dimensionally stable, meaning that the window and door elements can be opened and closed without any problems at any time. This results in dependable functional reliability and a correspondingly high level of handling ease.



TECHNICAL

The hybrid system is characterised by the established 76 mm construction depth and the five-chamber design inside the profiles. Kömmerling WarmCore 76 is available either with a double seal or a centre seal.



ENERGY-SAVING

In terms of thermal insulation, Kömmerling WarmCore 76 achieves excellent values that would not be possible with pure aluminium windows. With a U_i value of up to $1.0 \text{ W}/(\text{m}^2\text{K})$, CO_2 emissions and energy costs can be significantly reduced.



ROBUST

Thanks to the aluminium surface, Kömmerling WarmCore 76 is decidedly weather-resistant and low-maintenance. Caring for the very robust windows and doors is just as simple and user-friendly.



SOUNDPROOFED

Thanks to pioneering sealing technology with innovative designs and high-capacity sound insulation glazing, Kömmerling WarmCore 76 ensures a wonderfully quiet living atmosphere – and consequently an increase in your quality of life.



MAXIMUM ELEMENT SIZES

Single-sash balcony doors can be up to a maximum size of $1.10 \text{ m} \times 2.50 \text{ m}$, and single-sash residential doors up to a maximum of $1.10 \text{ m} \times 2.30 \text{ m}$.



CAREFULLY CONSIDERED

The Kömmerling WarmCore 76 hybrid system is extremely carefully considered, and can therefore also be extended and expanded without any problems. Suitable upgrades are, for example, roller shutters, extension blinds or pleated blinds that act as shutter systems, or anti-fall devices for balcony doors.



A LOOK WITH MAXIMUM INDIVIDUALITY

Colours, textures and surfaces of your choice

When it comes to the character and design of your living environment, windows and doors are an important factor. Not only do shape and size play a role, but so does the design of window profiles. Kömmerling WarmCore 76 offers you an almost unlimited range of options here.



Anything is possible

You can choose from all RAL colours as well as numerous special colours. A wood look, for example, goes perfectly with a country house style, while stainless steel-like anodised surfaces perfectly round off a modern interior. Get creative: Want each window different from the others, or the inside different from the outside?



It guarantees an elegant look by using aluminium as a material. By designing the surface as you wish, you can create exactly the design you have in mind. And not only on the outside, but also on the inside – with windows and doors enhancing your interior design.

#KömmerlingForTomorrow

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