



Kömmerling®
TODAY FOR TOMORROW



UNLIMITED PERSPECTIVES

Kömmerling PremiDoor 88



THE FEELING OF FREEDOM

Light, comfort and quality of life

If an uninterrupted view of nature or the urban skyline is part of your everyday life and the boundaries blur between indoors and outdoors, you most likely have Kömmerling PremiDoor 88 to thank. This innovatively designed lift/sliding door system boasts exceptionally large glazed areas and an incomparable feeling of homeliness. Kömmerling PremiDoor 88 also opens up new perspectives in terms of sustainability – thanks to excellent insulating values.

Panoramic outlook

Floor-to-ceiling glazed areas create an open, friendly atmosphere flooded with light where you feel completely at ease. And the slender, elegant profile sight lines enhance this effect even further. The panoramic view is made possible by Kömmerling PremiDoor 88's stable design.

Energy awareness

With conventional systems, the larger the glazed area, the more energy is lost. Kömmerling PremiDoor 88 proves the exact opposite – with a profile system whose energy efficiency is setting new standards. Thanks to optimal thermal insulation, you save heating energy and valuable resources. Good for the environment – and good for your wallet.

A feeling of wellness

Whether autumn storms, summer thunderstorms, snow or hail: Inside, Kömmerling PremiDoor 88 ensures cosiness all year round. The reason? This lift/sliding door system is absolutely windproof, and also offers sound insulation and driving rain protection – thanks to the premium-quality sophisticated seal system.



**BEAUTIFULLY
IMPRESSIVE**

WE MAKE IT EASY FOR YOU

Maximum handling ease

At first glance, Kömmerling PremiDoor 88 impresses with its wide, floor-to-ceiling glass surfaces. If you take a closer look, you'll be amazed by its super comfortable handling, which you may not have thought possible with the extra-large lift/sliding doors – especially since they add a good deal of weight, for example with triple glazing. Nevertheless, they can be opened and closed without any effort – smoothly and as quiet as a whisper. The sophisticated technology ensures that the lift/sliding door literally floats.



Real comfort is barrier-free

It's not only the smooth opening mechanism that makes Kömmerling PremiDoor 88 the perfect solution for everyone – it's the barrier-free threshold in particular. Because the lift/sliding door system is almost seamless with the floor, it provides the basis for maximum freedom of movement, regardless of age or physical limitations.

The WPC threshold also offers an energy saving bonus: The high-strength, high-tech product made of wood plastic composite material is also impressive in terms of thermal insulation.

OPEN AND ENERGY- CONSCIOUS AT THE SAME TIME

Kömmerling PremiDoor 88 meets two challenges of modern architecture that actually seem to contradict each other: Namely the desire for openness with ever larger glazed areas on the one hand – and the aim to comply with increasingly strict energy-saving regulations on the other. This feat is achieved thanks to a construction depth of 88 mm. Thanks to her, slender profile sight lines, high stability and excellent insulating values, the PVC-U profile proves to be a real allrounder.

Element height:
up to 2.90 metres

- › High profile stability for full-storey elements thanks to large-scale steel reinforcements
- › Narrow profile sight lines for maximum incoming light and higher solar energy gains
- › High twisting and torsion resistance
- › Load capacity of up to 400 kg (depends on hardware)

FOR AN ALL-ROUND COSY FEELING OF HOMELINESS

Thanks to sophisticated sealing technology

The more unpleasant it is outside, the more you value your cosy home, a place where you feel completely comfortable as well as perfectly protected –for example, from rain, wind and noise. How great that the sophisticated Kömmerling PremiDoor 88 seal system works together on all three levels. This is due not least to the specific properties of the materials used. No matter whether a summer thunderstorm, an autumn hurricane or a snowstorm is raging outside, it stays wonderfully cosy inside.

PERFECTLY PROTECTED

- **High level of burglary protection:**
Fittings and functional glazing in an optimal combination
- **Optimal protection against driving rain, wind and sound:**
This is ensured by three sealing levels
- **Reliable sealing technology:**
Thanks to the flexible, robust materials



greenline

In the name
of sustainability

The greenline symbol stands for our lead-free stabilised profile generation. For us, sustainability starts right at the beginning - with the raw materials. For almost two decades, we have completely dispensed with lead-based stabilisers in fresh PVC-U material. Instead, we use an environmentally friendly calcium-zinc base. Therefore, by choosing Kömmerling PremiDoor 88, you are also making a valuable contribution to nature.

LOWER HEATING COSTS, MORE OF A FEEL-GOOD CLIMATE

Kömmerling PremiDoor 88 – energy saving included

Compared to conventional systems, a significant leap in thermal insulation has been achieved with the Kömmerling PremiDoor 88 lift/sliding door system. The multi-chamber profile, calculated to be energy saving, and original thermal insulation parts ensure optimal isothermal properties. The possible installation of the WPC threshold also contributes significantly to the excellent insulating properties of the overall system. All these technologies together ensure that you noticeably reduce your heating costs and CO₂ emissions.

Your carbon footprint:
the best

- > First-class heat transfer coefficient
 $U_f = 1.2 - 1.3 \text{ W}/(\text{m}^2\text{K})$
- > Optionally, a U_D value of up to $0.8 \text{ W}/(\text{m}^2\text{K})$ is possible
- > Reduced carbon footprint with significant CO₂ savings
- > Increasing and maintaining the value of your property

SIMPLY BRING YOUR CREATIVE IDEAS TO LIFE

Kömmerling PremiDoor 88:
maximum freedom of design

It is not only size and shape that characterises the Kömmerling PremiDoor 88's effect in your rooms – the colour scheme is also crucial. Thanks to the broad design spectrum and the possible combinations of colours and material appearances, you can draw from the full range: Classic PVC-U white, lamination in woodgrain or a metal look – even sophisticated aluminium cladding is possible. Turn your ideas into reality.



CLASSIC PVC-U WHITE

White harmonises perfectly with the design of straight lines for Kömmerling PremiDoor 88. This classical design is still the most popular profile colour.



LAMINATION

From plain colours (smooth or grained) to natural wood look and brushed metallic look: The wide diversity of weather-resistant laminates provides the basis for an individual design concept.



ALUMINIUM CLADDING

PVC-U and aluminium – this combination is not only easy to clean, durable and cost-effective, but also elegant. And the choice of colours is almost unlimited.

DREAMY VIEWS – A SUSTAINABLE OUTLOOK

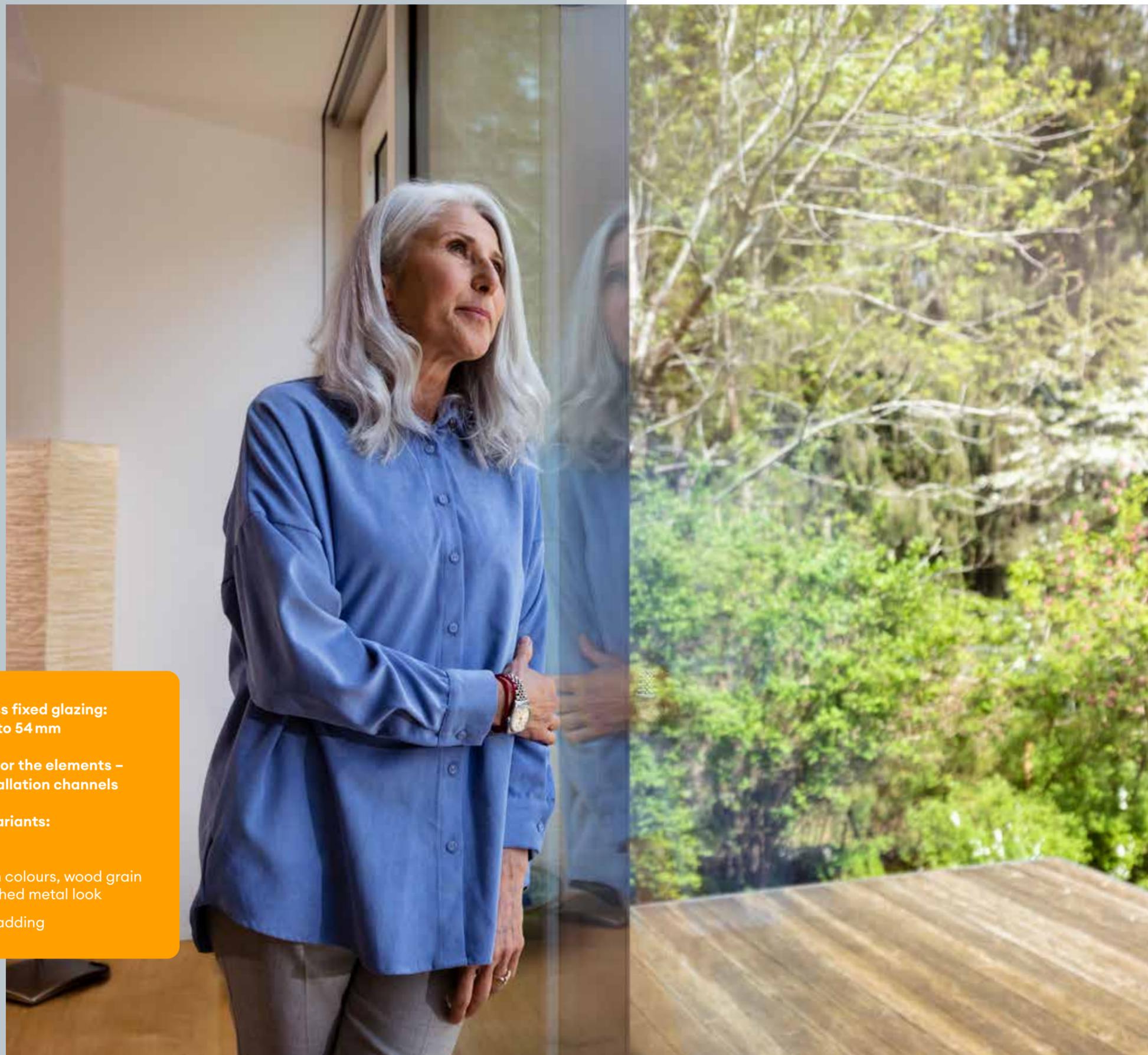
Kömmerling PremiDoor 88 Lux

For anyone wanting an even larger glazed area, Kömmerling PremiDoor 88 Lux offers the perfect solution. Omitting the sash profile in the area of the fixed glazing makes it possible. Filigree aluminium glazing beads are used there instead.

Kömmerling PremiDoor 88 Lux is compelling not only with its open, elegant aesthetics, but also in terms of energy saving: The extra-large glazed area brings even higher solar energy gains. Once again, Kömmerling combines increased sustainability with design and a feel-good atmosphere.



- > Large-area, sashless fixed glazing:
Glass thickness up to 54 mm
- > Invisible fastening for the elements –
thanks to deep installation channels
- > Numerous design variants:
 - > In PVC-U white
 - > Laminated in plain colours, wood grain
laminate or a brushed metal look
 - > With aluminium cladding



FROM DESIGN TO COST EFFECTIVENESS

Kömmerling PremiDoor 88 is impressive at all levels

Full-storey glazed areas, excellent static properties, excellent thermal insulation, impressive cost effectiveness, elegant design: Kömmerling PremiDoor 88 manages to impress at all levels, proving to be an original overall package in perfect balance.

This means the lift/sliding door system is recommended for anyone who loves rooms flooded with light and an open living atmosphere. Are economical energy consumption, effective environmental protection and living sustainability important to you? Wonderful. Then Kömmerling PremiDoor 88 is your system.

EXCELLENT THERMAL INSULATION

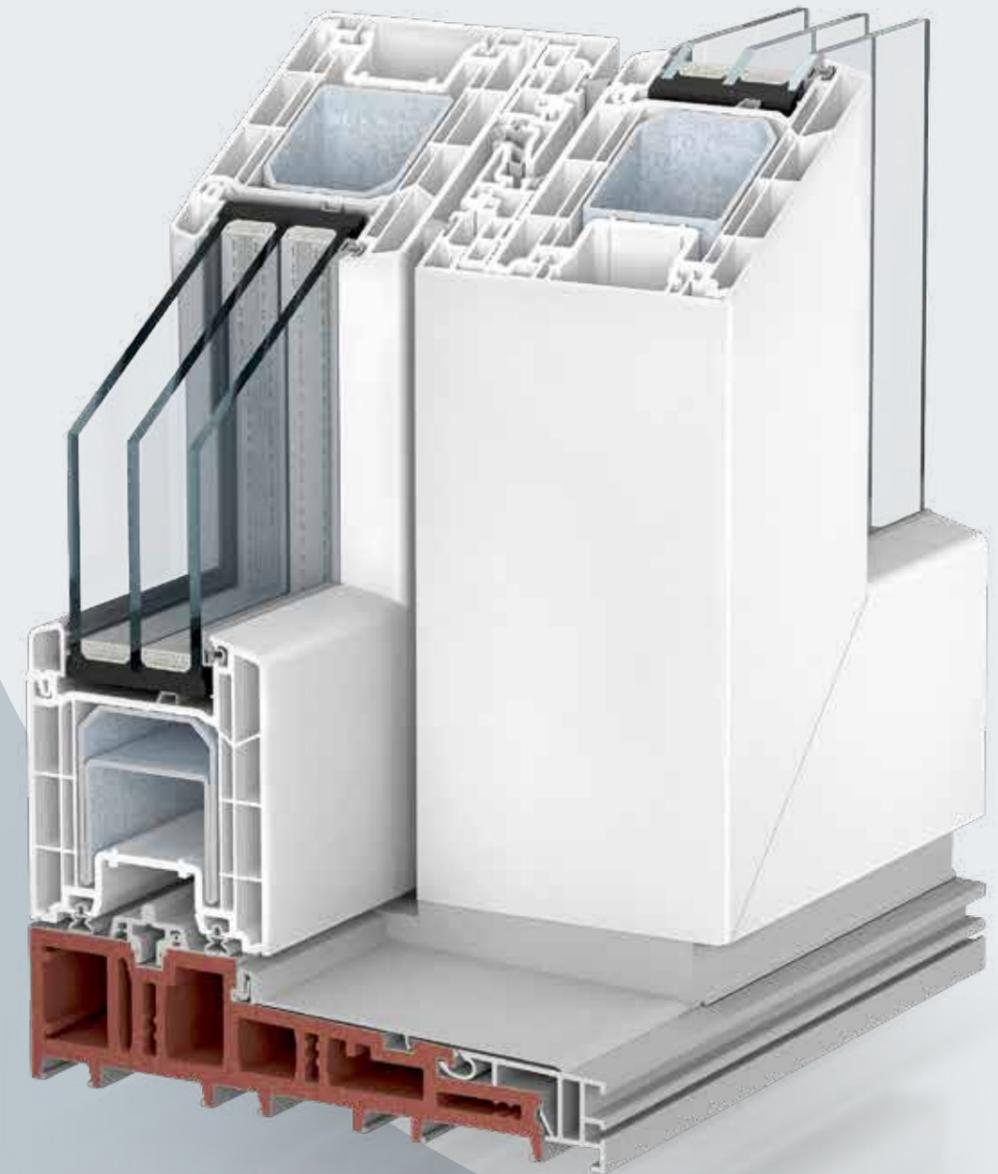
- > Installation depth of 88 mm: Best conditions for thermal insulation
- > Optimal isothermal properties due to five-chamber sash and casement profile
- > Highly thermally insulated WPC (wood plastic composite) threshold
- > Special glazing rebate seal
- > Centre fastener in triple sealing technology
- > Guide rail with thermal break
- > First-class heat transfer coefficient $U_f = 1.2 - 1.3 \text{ W}/(\text{m}^2\text{K})$
- > Optionally, a U_D value of up to $0.8 \text{ W}/(\text{m}^2\text{K})$ is possible

ELEGANT DESIGN

- > Exceptionally large glazed areas for lots of light and openness
- > Huge choice of colours and finishes thanks to lamination or aluminium cladding
- > Slender sight lines for the sashes (100 mm) and casements (65 mm)
- > Flush look between sash and casement
- > Backset glazing beads
- > Concealed fastening of the elements – thanks to deep installation channels
- > Concealed drainage

INNOVATIVE SYSTEM TECHNOLOGY

- > Maximum element height of 2.90 m due to large-scale steel reinforcements with optimised form fit
- > Maximum flexibility during installation: Glazing is insertable inwards and outwards
- > Flexible and robust sealing materials
- > Nonwearing moulded structured parts for durable air tightness



FLEXIBILITY



1 lift/sliding sash
1 fixed pane



1 lift/sliding sash
2 fixed panes



2 lift/sliding sashes
1 fixed pane



2 lift/sliding sashes
with floating mullion
version,
2 fixed panes

#KömmerlingForTomorrow

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