



BROAD PERSPECTIVES

Kömmerling PremiDoor 88



THE FEELING OF FREEDOM

Light, comfort and quality of life

If an unobstructed view of the natural world or the urban skyline is part of your everyday life and the boundaries between indoors and outdoors are blurring, you most likely have Kömmerling PremiDoor 88 to thank for it. This lift/sliding door system offers large glass panels and a sense of openness in your home. The Kömmerling PremiDoor 88 also delivers good performance in terms of thermal insulation.

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, large glass surfaces place particular demands on thermal insulation. Kömmerling PremiDoor 88 is designed to deliver good thermal insulation performance even with large glazed areas. The thermal insulation can help to reduce heating energy requirements. This can have a positive effect on energy consumption and heating costs.

A feeling of wellness

Whether it's autumn storms, summer thunderstorms, snow or hail: Kömmerling PremiDoor 88 helps to create a pleasant indoor atmosphere. This is because this lift/sliding door system offers wind tightness as well as protection against driving rain and sound insulation in accordance with the certified system properties.

BEAUTIFULLY IMPRESSIVE

WE MAKE IT EASY FOR YOU

High ease of use

At first glance, the Kömmerling PremiDoor 88 impresses with its floor-to-ceiling and wide glass panels. On closer inspection, it impresses with its ease of operation, which one would never have expected from extra-large lift/sliding doors. Especially as they are quite heavy, particularly in the case of triple glazing. Nevertheless, they open and close smoothly. This is ensured by the system's lift/sliding technology.



True comfort is barrier-free

It is not only the smooth-running opening mechanism, but also – and in particular – the barrier-free threshold that makes the Kömmerling PremiDoor 88 a comfortable solution. As the lift/sliding door system fits almost seamlessly with the floor, it allows maximum freedom of movement – regardless of age or physical limitations.

The WPC threshold also offers a potential energy-saving benefit. The high-strength wood fibre composite material enhances thermal insulation.

OPENNESS AND THERMAL INSULATION COMBINED

Kömmerling PremiDoor 88 meets two challenges of modern architecture that seem, in fact, to contradict one another: on the one hand, the desire for openness through ever larger glazed areas and, on the other hand, the need to comply with increasingly stringent energy-saving regulations. This is facilitated by a frame depth of 88 mm. Thanks to this, its slim profile appearance, high stability and good insulation values, the PVC-U profile offers a wide range of applications.

Element height:
up to 2.90 metres

- High profile stability for full-storey elements thanks to large-scale steel reinforcements
- Narrow profile sections for maximum light; depending on the orientation, solar heat can enter the room
- 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 optimised sealing technology

The more unpleasant it is outside, the more valuable your cosy home becomes. A place where you not only feel completely at ease, but can also enjoy added protection – from rain, wind and noise, for example. How fortunate that the sophisticated sealing system of the Kömmerling PremiDoor 88 works together on all three levels. This is ensured not least by the specific properties of the materials used. Whether a summer thunderstorm, an autumn gale or a snowstorm is raging outside – inside, it remains wonderfully cosy.

PROTECTION THROUGH SYSTEM DESIGN

- Burglary protection through carefully selected fittings and functional glazing
- Protection against wind, noise and driving rain in accordance with tested system specifications
- Sealing technology using flexible materials



THERMAL INSULATION FOR A COMFORTABLE INDOOR CLIMATE

Kömmerling PremiDoor 88 –
With good thermal insulation
performance

Compared with conventional systems, the thermal insulation of the Kömmerling PremiDoor 88 lift/sliding door system has been further enhanced. The energy-efficient multi-chamber profile and thermal insulation components support an good isothermal curve. The option to fit a WPC threshold also contributes significantly to the good insulation properties of the entire system. Taken together, all these technologies ensure that the heating energy requirement can be reduced, depending on the building and its usage.

YOUR CARBON FOOTPRINT:

- › Heat transfer coefficient $U_f = 1.2 - 1.3 \text{ W/(m}^2\text{K)}$
- › A U_D value of up to $0.8 \text{ W/(m}^2\text{K)}$ is possible as an option
- › Depending on the building and its use, this can help to reduce energy consumption
- › Can help to maintain the property's value

SIMPLY BRING YOUR CREATIVE IDEAS TO LIFE

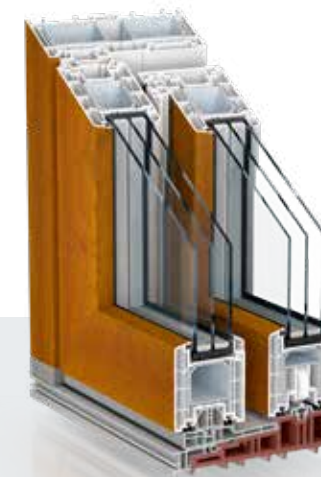
Kömmerling PremiDoor 88: A wide range of design options

It is not only the size and shape that define the character that the Kömmerling PremiDoor 88 brings to your rooms; the colour scheme is also a key factor. Thanks to the wide range of design options and the possibilities for combining colours and material finishes, you have a variety of options to choose from: classic white PVC-U, wood-effect or metal-effect laminates – even elegant aluminium cladding is available. Bring your ideas to life.



CLASSIC PVC-U WHITE

White complements the straight-lined design of the Kömmerling PremiDoor 88. This classic colour remains the most popular choice for the profile.



LAMINATION

From plain colours (smooth or grained) to natural wood look and brushed metallic finishes: the range of weather-resistant films enables customised design concepts.



ALUMINIUM CLADDING

PVC-U and aluminium – this combination is not only low-maintenance, durable and cost-effective. It also offers a wide range of colour options.

SPACIOUS VIEWS – VERSATILE PANORAMAS

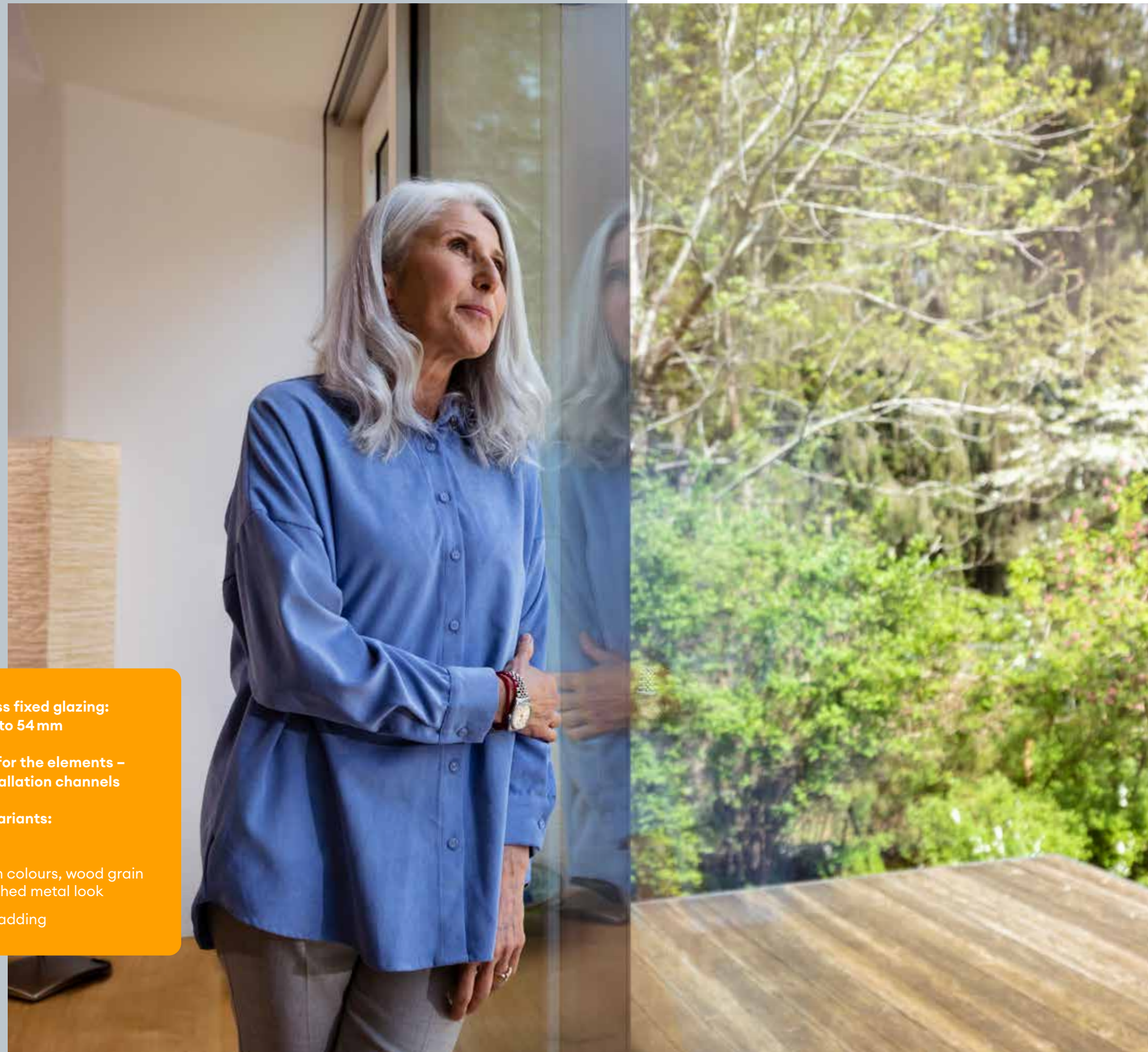
Kömmerling PremiDoor 88 Lux

For anyone looking for an even larger glass area, Kömmerling PremiDoor 88 Lux offers a fitting solution. This is made possible by omitting the sash profile in the fixed glazing section. Instead, delicate aluminium glazing beads are used in this area.

Kömmerling PremiDoor 88 Lux offers an open appearance and, thanks to the larger glass area, allows more light to enter: depending on the orientation, the larger glass area can let additional solar heat into the room. In this way, Kömmerling combines design with a bright and open sense of space.



- > **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



DESIGN, TECHNOLOGY AND COST-EFFECTIVENESS

Kömmerling PremiDoor 88 offers a wide range of features

Floor-to-ceiling glazing, robust construction, good thermal insulation values, value for money and design: Kömmerling PremiDoor 88 impresses on every level, proving itself to be an allround package with a harmonious balance.

This makes the lift/sliding door system ideal for anyone who loves light-filled rooms and an open living environment. Do you also place great importance on good thermal insulation values and long-lasting durability? Then Kömmerling PremiDoor 88 could be the right solution for you.

GOOD THERMAL INSULATION

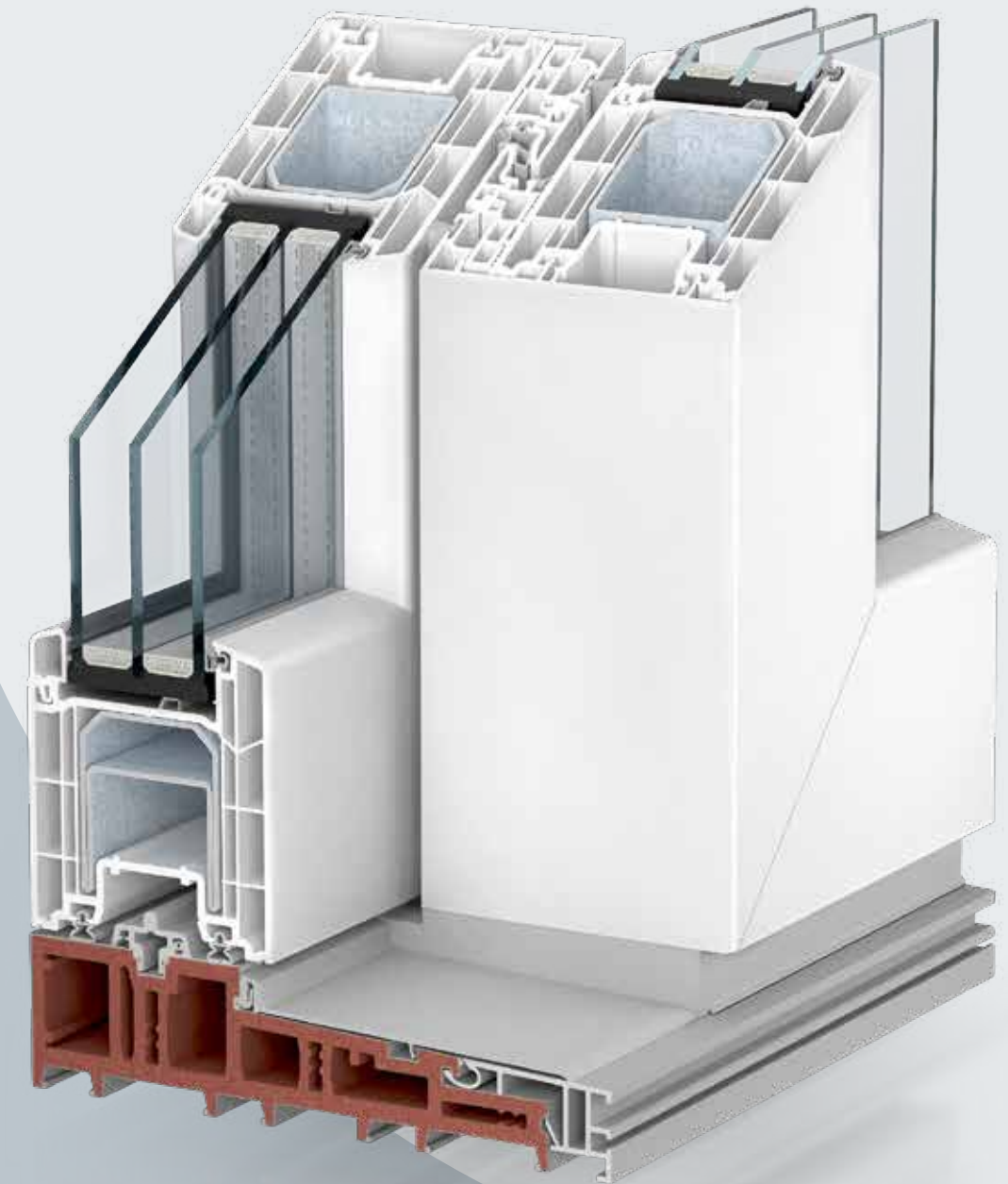
- > A depth of 88 mm provides the basis for good thermal insulation performance
- > Favourable isotherm curve thanks to 5-chamber sash and frame profiles
- > WPC threshold with thermal insulation properties
- > Special glazing rebate seal
- > Centre lock with triple sealing technology
- > Thermally broken guide rail
- > Heat transfer coefficient
- > $U_f = 1.2 - 1.3 \text{ W/(m}^2\text{K)}$
- > A U_D value of up to $0.8 \text{ W/(m}^2\text{K)}$ is available as an option

INNOVATIVE SYSTEM TECHNOLOGY

- > Maximum element height of 2.90 m thanks to oversized steel reinforcements with optimised form-fit
- > Flexible installation: glazing can be fitted both inwards and outwards
- > Flexible and durable sealing materials
- > Sealing moulded parts to ensure air tightness

ELEGANT DESIGN

- > Large glass panels for plenty of light and an open feel
- > Wide range of colours and finishes achieved through lamination or aluminium cladding
- > Narrow visible widths of the sashes (100 mm) and frames (65 mm)
- > Flush look between sash and frame
- > Recessed glazing beads
- > Concealed fixing of components – thanks to deep installation channels
- > Concealed drainage



FLEXIBILITY



1 lift/sliding sash
1 fixed pane



2 lift/sliding sashes
1 fixed pane



1 lift/sliding sash
2 fixed panes



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

#KömmerlingForTomorrow

profine GmbH
Kömmerling

Zweibrücker Straße 200
66954 Pirmasens
Tel. +49 (0) 6331 560
E-mail: info@koemmerling.com

www.koemmerling.com

