



# PREFA SOLAR – THE ROOF OF THE FUTURE

THE INNOVATIVE WAY TO PRODUCE ELECTRICITY



[WWW.PREFA.SOLAR](http://WWW.PREFA.SOLAR)

# SOLAR PANEL PREFALZ 500/650

The innovative PV system  
for PREFALZ roofs.



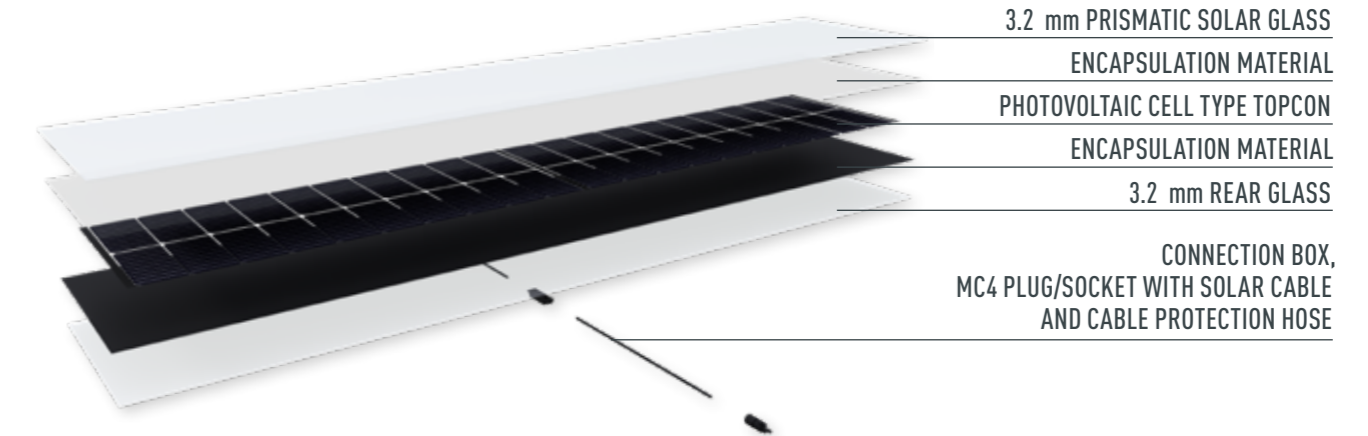
**NEW!**  
Solar panel system  
for PREFALZ roofs  
[www.prefa.solar](http://www.prefa.solar)

Products: solar panel PREFALZ  
combined with PREFALZ  
Colour: P.10 black  
Location: Meschede (Germany)  
Architectural design: Daniel and Caroline Berster  
Installed by: Stappert Dachdecker

## SOLAR PANEL PREFALZ

Coordinated with the PREFALZ roof system

The PREFALZ solar panels are an innovative combination of glass/glass PV panels with the specially developed seam clamps and solar panel clamps in one construction part, which are attached directly to the standing seams and thus enable installation parallel to the roof with a minimum installation height. The clear PREFALZ lines are harmoniously continued, which preserves the characteristic look of the roofing trays. The PREFALZ solar panels are available in black and are delivered with matching black anodised solar panel clamps.





## BENEFITS OF THE PREFALZ SOLAR PANEL

### A secure feeling of being independent.

The new PREFALZ solar panel on-roof solution turns new and existing roofs into cost-saving power plants! The robust, durable glass/glass PV panels – with particularly efficient TOPCon cell technology – fit elegantly and flat into the popular PREFALZ roof system.



#### MADE IN AUSTRIA

The PREFALZ solar panel is developed and produced in Austria to a high standard and is 100% compatible with PREFEA's complete system.



#### PERFORMANCE GUARANTEE

Solar panel 25-year product guarantee guarantee 85% of the nominal panel performance after 25 years, additional 25-year product guarantee on the PREFEA sub-structure framework



#### RESISTANT

The glass/glass PV panel is robust and durable. Equipped with the latest TOPCon cell technology, it provides 10% more performance, even in diffuse lighting conditions.



#### RETROFITTING POSSIBLE

Solar panels can be mounted on new PREFALZ roofs as well as retrofitted to existing PREFALZ roofs



#### AESTHETIC

Parallel to the roof, preserves the character of the standing seam look, flat structure of overall system, adapted to the traywidth of the PREFALZ roofing



#### INDEPENDENT, ECONOMICAL & SUSTAINABLE

The sun is always available as an energy source, the self-produced energy can be used directly, fed into the grid or stored. CO<sub>2</sub>-friendly production site



#### 2-IN-1 TECHNOLOGY

Seam and solar panel clamp in one product, simple and fast installation due to only few components required



#### NO ROOF PENETRATION

The solar panel clamps are used to attach the solar panels directly to the double locked seams and there is no need for the roof covering to be penetrated by screws, etc.

### PREFEA'S PREFALZ 500 SOLAR PANEL

PREFEA's PREFALZ 500 solar panel has the dimensions 2,000 × 408 mm and achieves an output of 150 Wp/pc. It is available in black and each panel weighs 15 kg.



#### TECHNICAL DATA – PREFALZ 500 SOLAR PANEL

- Performance  
150 Wp, required area per kWp: 5.44 m<sup>2</sup>
- Dimensions  
2,000 × 408 mm
- Weight  
15 kg (18 kg/m<sup>2</sup>)
- Cell type  
TOPCon
- Material  
Front glass 3.2 mm  
Rear glass 3.2 mm
- Plug  
Standard MC4 male/female connector
- Solar panel guarantee  
10-year product guarantee, 25-year performance guarantee 85%  
system component guarantee  
25-year product guarantee
- Roof pitch  
from 3° (5%)\*
- Fastening  
With a solar middle/end clamp PREFALZ 500/650 on a double-lock standing seam with solar panel anti-slip protection, the number of clamps per solar panel varies depending on the roof pitch and location.

### PREFEA'S PREFALZ 650 SOLAR PANEL

PREFEA's PREFALZ 650 solar panel has the dimensions 2,000 × 588 mm and achieves an output of 150 Wp/pc. It is available in black and each panel weighs 21 kg.



#### TECHNICAL DATA – PREFALZ 650 SOLAR PANEL

- Performance  
150 Wp, required area per kWp: 5.44 m<sup>2</sup>
- Dimensions  
2,000 × 588 mm
- Weight  
21 kg (18 kg/m<sup>2</sup>)
- Cell type  
TOPCon
- Material  
Front glass 3.2 mm  
Rear glass 3.2 mm
- Plug  
Standard MC4 male/female connector
- Solar panel guarantee  
10-year product guarantee, 25-year performance guarantee 85%  
system component guarantee  
25-year product guarantee
- Roof pitch  
from 3° (5%)\*
- Fastening  
With a solar middle/end clamp PREFALZ 500/650 on a double-lock standing seam with solar panel anti-slip protection, the number of clamps per solar panel varies depending on the roof pitch and location.

\* According to national regulations and guidelines tested and approved for PREFALZ double-lock standing seam roofing.



## SOLAR PANEL MOUNTING SYSTEM

Get your roof working for you.

Solar energy is not just one of the most environmentally-friendly forms of energy, but it also saves the owner money. When solar panels are used, valuable raw materials are not consumed and harmful carbon dioxide is not released into the atmosphere.

### SOLAR PANEL MOUNTING SYSTEM

With the solar product range, PREFA offers a sophisticated solution that perfectly matches the roof covering. In comparison with many other fasteners for solar panels, this system does not restrict the function or durability of PREFA roofing. Thanks to ongoing further development, the mounting system always remains at the cutting edge of technology. The right kind of fastener is available for every PREFA roof system — from small-format products to PREFALZ standing seams. Safety comes first, which is why advice is provided only by trained sales partners and sub-structure framework calculations are performed solely by the PREFA Product Technology department. Assembly is also only carried out by professional, skilled workers.

### PREFA SOLAR PANEL MOUNTING SYSTEM

1. Vario solar bracket
2. PREFALZ Vario solar bracket
3. Sunny solar bracket



## THE PERFECT SOLUTION FOR STRONG ROOFS

If you rely on renewable energy, you ought to rely on the highest quality too.

### GOOD REASONS FOR CHOOSING A PREFA MOUNTING SYSTEM

- Top PREFA quality and service thanks to an extensive network of professional roofers.
- One mounting system for all PREFA products.
- Quick and easy assembly with standard tools.
- Advice from trained partners and professional calculations using PREFA technology ensure safety.
- Always at the cutting edge of technology thanks to ongoing developments.
- Made in Austria! Our experience on the roof will secure your energy in the future.
- Long service life, long-term value.





**AS STRONG AS A BULL**  
ROOF • FACADE • SOLAR

# STRENGTH IS OUR PROMISE.

- Aluminium, the strong material for generations
- Perfectly coordinated complete systems
- Over 5,000 products in many colours and shapes
- 25-year performance guarantee\*
- Guarantee of up to 40 years on materials and colours\*
- Personal, all-round service at every stage

LET'S TALK ABOUT IT.



#### LEGAL NOTICE

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Printed colours may vary from the original material.  
01.2025 | V3 | MF  
Manufacturer: Gutenberg | 4020 Linz (Österreich)

\* Information about the performance, material and colour guarantee can be found at: [uk.prefa.com/guarantee](http://uk.prefa.com/guarantee)

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