



ROOF & FAÇADE AS STRONG AS A BULL!

PREFA'S COMPLETE SYSTEMS
MADE OF ALUMINIUM



WWW.PREFA.COM



A STRONG MATERIAL MADE BY STRONG PERSONALITIES
FOR STRONG PERSONALITIES

PREFA has been relying on its innovative spirit and unfailing integrity for over 75 years to offer roof and façade systems as well as rainwater goods and much more. As a faithful partner, we have always supported domestic clients, architects and planners as well as metalworkers and roofers with their building projects. We are proud of the many unique new builds and renovation projects that are implemented every year using PREFA aluminium products, and which not only have distinctive designs but are also durable and robust, even in extreme weather conditions.

Your PREFA management team

NOTE

For a better overview, all new products for 2025 are marked with 🐘 and all new products for 2024 are marked with 🐘 in this catalogue.

FIND OUT MORE WITH QR CODES

You can get even more information, videos and stories thanks to the QR codes in this catalogue. Simply download the QR code scanner app onto your mobile phone, scan the code and find out more!



COVER PHOTO

Product: Solar modul Prefalz
Colour: P.10 black
Location: Meschede (Germany)

LEGAL NOTICE

Subject to technical modifications and printing errors.
Photos: PREFA | Croce & Wir | Werner Jäger
Colours may vary due to printing.
Manufacturer: Gutenberg | 4020 Linz (Austria)
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TABLE OF CONTENTS

INFORMATION	2	ROOF DRAINAGE	50
Introduction	2	Gutters and downpipes	52
Table of contents	3	Box gutter and square downpipe	54
Our locations	4		
Our awards and quality seals	5	FAÇADE SYSTEMS	58
Aluminium, our material	6	PRODUCT OVERVIEW	59
P.10 surface	7	Façade shingle	62
PREFA's guarantee commitment	8	Rhomboid façade tile 44 x 44 29 x 29	64
Services	9	Rhomboid façade tile 20 x 20	65
10 good reasons	10	FX.12 façade panel	66
PREFA's complete system	12	PREFALZ and FALZONAL®	68
Sustainability	14	Siding Perforated siding	72
		Siding.X	74
ROOF SYSTEMS	16	PREFABOND aluminium composite panel	76
PRODUCT OVERVIEW	17	Extruded profiles	78
Roof tile	20		
R.16 roof tile	22	FLOOD PROTECTION SOLUTIONS	80
DS.19 shingle	24		
Shingle	26	RENOVATION	84
Rhomboid roof tile 44 x 44	28	Roof renovation	86
Rhomboid roof tile 29 x 29	30	Living space extensions	90
FX.12 roof panel	32	Façade renovation	92
PREFALZ and FALZONAL®	34		
		EXTREME CONDITIONS	96
ORIGINAL ACCESSORIES	38	Extreme weather conditions	98
PRODUCT OVERVIEW	39	Completely protected	99
Accessories	40	Snow guard system	100
Snow guard system	41	Storm-proof	101
Roof safety	42		
Lightning protection	43	TECHNICAL ASPECTS	102
		Rainscreen	102
SOLAR PANEL SYSTEMS	44	Roof structure	103
PREFALZ solar panel	44	Roof shapes	104
Solar panel mounting system	48	Roof pitch	105
		Colour range	106
		Product range	108

OUR SATISFIED CUSTOMERS ARE OUR GREATEST MEASURE OF SUCCESS

COUNTRIES WITH PRODUCTION PLANTS

- AUSTRIA 3182 Marktl
3100 St. Pölten
 - GERMANY 98634 Wasungen
- SALES OFFICES
- FRANCE 68127 Sainte-Croix-en-Plaine
 - ITALY 39100 Bolzano
 - POLAND 02-295 Warsaw
 - SWEDEN 218 45 Vintrie
 - SWITZERLAND 4704 Niederbipp
 - SLOVAKIA 949 01 Nitra
 - CZECH REPUBLIC 193 00 Prague
 - HUNGARY 2045 Törökbálint
 - UNITED KINGDOM Warwick CV34 4HL

EXPORT COUNTRIES

- Belgium
- Denmark
- Ireland
- Croatia
- Luxembourg
- The Netherlands
- Norway
- Slovenia

PREFA TRAINING CENTRES

EXTERNAL TRAINING CENTRES



Building: company building in Wasungen
Location: Wasungen (Germany)



Building: headquarters in Marktl/Austria
Location: Marktl/Lichtenfeld (Austria)



INFORMATION

OUR AWARDS AND QUALITY SEALS BOOST CONFIDENCE IN THE FACT THAT WE ARE DOING THE RIGHT THING

For decades, we have been striving every day to offer not only our customers, but also our employees and partners the highest quality. We are proud to be a model company that puts heart and soul into everything we do. This is confirmed by the numerous awards and seals of approval that we have received from independent experts, and of which we are very proud. Here's a selection of the quality seals, certificates and examination certificates that PREFA has received over the years:

- The Austria Quality Seal for Austrian Model Companies awarded by the Austrian Society for the Promotion of Quality (ÖQA)
- Quality Austria ISO system-certified
- Government award for apprenticeship training
- Best Apprenticeship Training Company award from the Lower Austria Chamber of Commerce
- Certificate for Energy and Quality Management awarded by Quality Austria and the International Certification Network (IQNet)
- Participant in the 2016 European Aluminium Awards, Industrial Design & Engineering
- Quality label for flood protection safety awarded by the European Flood Protection Association (Europaverband für Hochwasserschutz e.V.)
- And many more ...



FACTS AND FIGURES

- 3 production sites
- 5,000 products
- 19 countries
- 720 employees
- 32 training centres
- 4,850 raining course participants throughout the world

A MATERIAL THAT PROVES ITS STRENGTHS IN EVERY DISCIPLINE

Today, aluminium is used in almost every area of architecture, from roofs and façades to load-bearing structures, and from windows and doors to interior design. The construction industry processes over 500,000 tonnes of aluminium every year. Thanks to its robust, resistant and extremely long-lasting material properties, aluminium meets all the functional and quality requirements of the building industry. It is lightweight, stable, rust-free and can be recycled without any loss of quality.

However, the main advantage of aluminium is its fascinating malleability. Even in low temperatures, the material can be processed very well.

OBTAINING PRIMARY AND SECONDARY ALUMINIUM

Primary aluminium is the term describing the aluminium that is initially produced from aluminium oxide. In turn, aluminium oxide is extracted from bauxite (an aluminium-rich sedimentary rock). Primary aluminium is pure aluminium and the raw material for producing aluminium alloys.

Secondary aluminium, on the other hand, is recycled aluminium recovered from scrap metal. Aluminium can be fully recycled again and again without any loss of quality. So we can say that aluminium is not “consumed” but rather “used”. Only a fraction of the energy required to produce primary aluminium is needed to produce secondary aluminium. Today, the aluminium used in the building industry is largely recycled and reused. Secondary aluminium is also the material that PREFA mainly uses to produce its aluminium products.

[UK.PREFA.COM/QUESTIONS-ANSWERS](https://uk.prefa.com/questions-answers)

THIS GLISTENING MATERIAL BOASTS BOTH EFFICIENCY AND BEAUTY

Expert Jörg H. Schäfer, Head of Recycling and Sustainability at Aluminium Deutschland e.V., knows all about aluminium’s excellent properties. He thinks the material is unrivalled in terms of its functionality, value retention, structural aesthetics and resource efficiency.



It is precisely because of its aesthetics that it’s so popular in the design sector.

Jörg H. Schäfer, Head of Recycling and Sustainability at Aluminium Deutschland e.V.



“It’s all about the value that aluminium brings to architecture,” Jörg H. Schäfer explains.

“The favourable strength-to-weight ratio enables lightweight, intricate structures to be created which not only offer enormous freedom in design but are also extremely robust. With a specific weight of 2.7 grams per cubic centimetre, aluminium is the lightest metal for buildings compared to copper, iron and zinc.”

P.10 COLOUR-FAST SURFACE

UV-RESISTANT, COLOURFAST AND WEATHERPROOF

With P.10, PREFA has developed a colour-resistant finish that meets even the highest quality standards. The material withstands external influences and stresses, and is UV-resistant, colour-fast and weatherproof. At the same time, aluminium is an unbelievably lightweight and stable material, offering a wide range of planning and design possibilities.



P.10

P.10 COIL-COATING FINISH

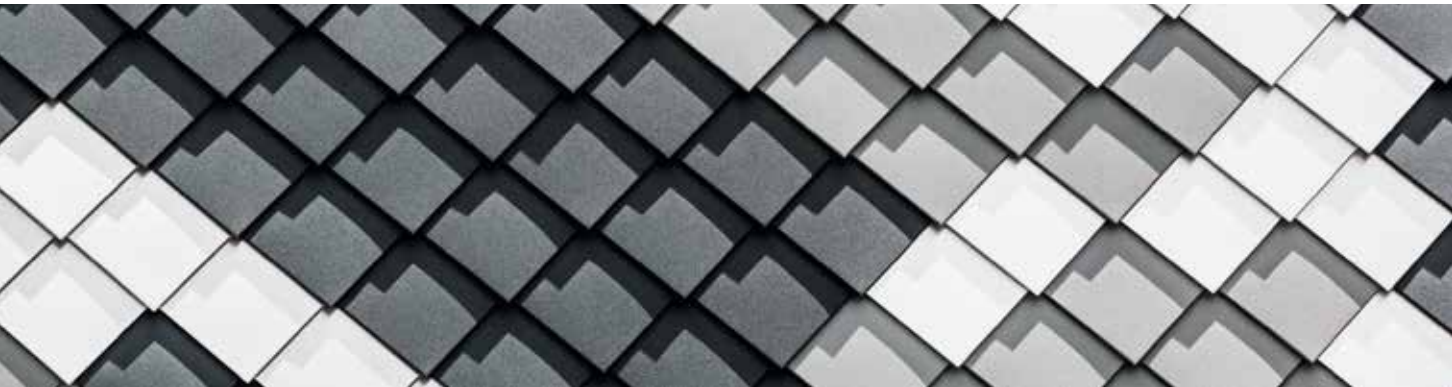
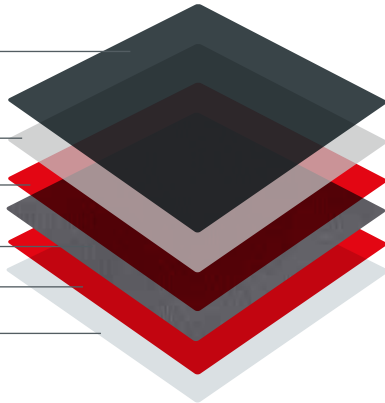
PRIMER

PRE-TREATMENT

BASIC MATERIAL (ALUMINIUM)

PRE-TREATMENT

PROTECTIVE COATING ON BACK



FD.TEC FREQUENCY DAMPER TECHNOLOGY

TAKES THE MOMENTUM OUT OF SOUND

PREFA’s unique FD.TEC frequency damper technology reduces unwanted frequency ranges to a minimum, and prevents certain sound emissions to a large extent. The purpose of the FD.TEC frequency damper strips attached to the back of all small-format PREFA roof elements is to absorb frequencies that can be caused by heavy rainfall.



FD.TEC

FD.TEC FREQUENCY DAMPER STRIPS

R.16 ROOF TILE



PREFA'S GUARANTEE COMMITMENT

Highest quality, produced in Austria and Germany

The weather forecast for the next 40 years is approximately 75,000 hours of sunshine and 35,000 litres or rain per square metre. Decidedly — choosing PREFA is the right decision. Because only PREFA provides a colour and material guarantee of up to 40 years on roofs and façades. This provides you with optimum protection against **breakage, corrosion (rust), frost damage, chips and blistering**.

HOW IS PREFA ABLE TO OFFER SUCH A POWERFUL GUARANTEE?

Because PREFA aluminium roofs and façades are absolutely high-tech products, **exclusively produced in Austria and Germany**. Every PREFA product must be installed by a specialist company.

40 YEARS — PREFA EVEN GIVES IT IN WRITING

The guarantee only enters into force with a successfully issued guarantee certificate. This can be requested for free from the PREFA website. The terms and conditions are stated in the guarantee certificate along with the delivery date. PREFA provides a 25-year performance guarantee for the solar roof panel. You will find more information about the material and colour guarantee at [UK.PREFA.COM/GUARANTEE](https://www.prefa.com/uk/prefa.com/guarantee).



The essential element in a PREFA project is to commission a tried and tested master craftsman's business with trained staff.

Gerald Hoppel, owner of Hoppel Dach- und Fassadensysteme Ges.m.b.H.



* The colour guarantee ensures that the P.10 painted surface is protected from chips and blistering under the terms specified in the guarantee certificate.

CONFIGURATOR FOR ROOFS AND FAÇADES

Design your (dream) house with the PREFA online configurator.

You can present the PREFA products in many colours in the house examples here. With this tool you're able to feature all PREFA products in their colour range on various house options. With just a few clicks, the practical online tool provides inspiration for the future detached house with the PREFA look – over 9,000 design options with PREFA roof, façade and accessory elements. [WWW.PREFA.COM/KONFIGURATOR](https://www.prefa.com/uk/konfigurator)



SERVICES

Whatever you have in mind, we're here for you!

PREFA, THE STRONG AND RELIABLE PARTNER

PREFA has always been a reliable partner, supporting your renovation and new build projects for many years. We offer valuable support throughout all phases of implementation.

CUSTOMER SERVICE AVAILABLE FOR YOU

Each project is individual and every building owner is looking for the best solution. No matter what questions you may have about your project or our products, we will be delighted to help you by phone or email.

And if you require further expertise, we will gladly refer you to the appropriate specialists. You will find our detailed contact information on our website at [UK.PREFA.COM/CONTACT](https://www.prefa.com/uk/prefa.com/contact).

OUR PHOTO SERVICE — YOUR HOUSE WITH THE PREFA LOOK

Would you like to see what your house would look like with a PREFA roof or PREFA façade? At [UK.PREFA.COM/PHOTO-SERVICE](https://www.prefa.com/uk/prefa.com/photo-service), we will create a photo montage for you free of charge and send it to you.

- STEP NO. 1 Upload a maximum of two photos of your building.
- STEP NO. 2 Select the desired PREFA product.
- STEP NO. 3 Select your desired colour (up to three standard colours).
- STEP NO. 4 Enter your contact details, click on Send – and your request will be sent for processing!



STORM-PROOF

- 1** Every individual roof and façade product is firmly attached to minimize the risk of storm damage.

With the unique, concealed fastenings and the special installation technique with offset joints, your PREFA aluminium roof and PREFA façade are able to withstand even high wind speeds. The number of fasteners can be increased depending on the wind load, and the type of fastening (nailed or screwed) can be adapted accordingly.

LIGHTWEIGHT

- 3** Light in weight yet high in quality

At just 2.6 kg/m², a PREFA roof weighs only a fraction of a conventional roof (approx. 35–55 kg/m²). Therefore, the weight on the roof structure of a typical detached house is reduced by up to ten tonnes! The light weight of aluminium also has a positive influence on transport and labour.

RUST-FREE

- 2** PREFA roofs and façades are completely weatherproof and guaranteed rust-free.

Aluminium forms a protective layer which constantly self-regenerates to protect itself from damage. In addition, most PREFA roofs and façades products are provided with a high-quality coil-coating finish.

BREAK-PROOF

- 4** PREFA aluminium roofs and façades withstand even the worst weather conditions.

Not even heavy snow loads, extreme temperature fluctuations or bad weather conditions pose a problem for PREFA aluminium roofs and façades. The reason for this lies in the particularly good material properties and durability of aluminium.

ATTRACTIVE

- 5** A unique design for your building!

PREFA offers infinite design possibilities. Choose from a variety of shapes, formats, colours, installation patterns and surfaces. In the complete system, each product, including accessories, can be perfectly colour-coordinated – as well as the innovative solar roof, to achieve a homogeneous, elegant look.

COLOUR-RESISTANT

- 6** With PREFA, the colour of your choice remains just the way it is.

Thanks to a special coating layer, PREFA product surfaces are highly resistant to temperature and weathering. The reason for this is the coil-coating system which is applied in up to 20 processing steps.

GREAT FOR RENOVATIONS

- 7** The lightweight material means that there is no need to build an expensive supporting substrate.

Due to structural engineering reasons, old roof structures often have to be prepared during roof renovations so that they can cope with the extremely heavy load that they are subjected to by modern roof tiles. PREFA enables you to omit this task: However, with the much lighter PREFA aluminium roof, there's no need to make any additional reinforcements.

COMPLETE SYSTEM

- 8** Roof, façade, solar system, and many more well-coordinated products

Not only is PREFA the strong roof specialist, it also produces high-quality products for façades, solar, roof drainage and flood protection systems — tested and coordinated system components for the outer building shell — installed solely by trained specialist companies.

SUSTAINABLE

- 9** Aluminium is 100% recyclable.

Aluminium can be recycled as often as necessary without loss of quality — and the best thing about it: PREFA products already consist of up to 87% recycled aluminium. In addition, 100% of the electrical power used at the Marktl production site comes from renewable energy. Furthermore, 99% of the aluminium production waste is returned to the starting point.

UP TO 40-YEAR GUARANTEE

- 10** Performance, material and colour guarantee

PREFA provides a 40-year colour and material guarantee on roofs and façades.* This provides you with optimum protection against breakage, corrosion (rust), frost damage, chips and blistering.

10 GOOD REASONS

True strength knows no weakness.
Guaranteed by PREFA.

* Information about the performance, material and colour guarantee can be found at uk.prefa.com/guarantee.

Building: Bivacco Claudio Bredy
Product: PREFALZ
Colour: P10 black
Location: Avise (Italy)
Architectural design: BCW Collective
Installed by: Chenevier spa

PREFA'S COMPLETE SYSTEM

Its strength is greater than the sum of all its parts.



1. ridge vent

2. R.16 roof tile

3. vent pipe cover and vent pipe

4. chimney flashing and cladding

5. On-roof PV system with
PREFA solar panel mounting system

6. removable pipes for the pipe-style
- snow guard system

7. PREFALZ

8. PREFALZ solar panel

9. roof anchor hook with mounts

10. roof window flashing

11. base plate
12. verge flashing

13. box gutter (half-round gutter)

14. square downpipe outlet and square downpipe
elbow

15. square downpipe (downpipe)

16. sidings

17. flood protection system

The products listed are an illustrative extract from PREFA's extensive product range based on the building shown.

PERFECTLY COORDINATED FROM A TECHNICAL POINT OF VIEW

All products, mounting accessories and peripheral items are perfectly coordinated and delivered together. For example, the necessary mounting accessories are included with all the accessories.

This ensures that all parts match perfectly and the result meets the highest demands in terms of both appearance and quality. To ensure a perfect installation, PREFA roofs and façades should only be mounted by trained professionals. This gives clients and designers maximum security.



ROOF SYSTEMS

Gables, roof hatches and curves — whether new builds or renovations, an aluminium roof adapts to virtually every roof shape. PREFA's different products ensure a technically perfect, virtually maintenance-free roof covering.
-> PAGE 16



ORIGINAL ACCESSORIES

The individual components of PREFA's accessories work together perfectly, guaranteeing high fitting accuracy. Manufactured from a single source, they are delivered together with all the parts required for assembly. This ensures safety and the desired durability of a PREFA complete system.
-> PAGE 38



SOLAR PANEL SYSTEMS

PREFA offers three innovative systems for using solar energy: the PREFALZ solar panel – the elegant photovoltaic on-roof solution for PREFALZ roofs and the PREFA solar panel mounting system for roof-parallel on-roof solar panel systems.
-> PAGE 44



ROOF DRAINAGE

The drainage systems that have been tried and tested for years are truly outstanding with their sophisticated and detailed technical solutions. They come in many standard colours and are also available in bespoke shades, on request.
-> PAGE 50



FAÇADE SYSTEMS

Aluminium façades are durable and rust-free, and are easy to clean when slightly soiled. The different systems offer flexible design possibilities and the right solution for every building.
-> PAGE 58



FLOOD PROTECTION SOLUTIONS

Together with our affiliated company, Neuman Aluminium Strangpresswerk, PREFA has developed a semi-mobile flood protection system made of aluminium. This flexible solution allows buildings and properties to be efficiently protected against damage caused by floods.
-> PAGE 80

OUR STRONG COMMITMENT TO PRESERVING OUR ENVIRONMENT



ENVIRONMENTAL PROTECTION AND SUSTAINABILITY ARE MORE THAN JUST BUZZWORDS FOR PREFA. WE TAKE OUR RESPONSIBILITIES SERIOUSLY.

From procuring the raw materials to production and disposal, every step in the closed-loop economy is carefully selected, diligently implemented and strictly controlled. At PREFA, we set high standards in order to meet the various requirements relating to an environmentally friendly and sustainable operation. Here are four of the key measures we take:



87 % RECYCLED ALUMINIUM

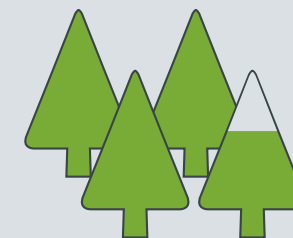
Why use something just once when it can be reused repeatedly?

Did you know that the small roof formats from PREFA are made from a remarkable 86.6% recycled materials? Across all our products, including PREFABOND and PREFALZ, the proportion of recycled aluminium is 77 %.

THE ELECTRICITY WE USE COMES FROM 100 % RENEWABLE ENERGY

PREFA only uses electricity from environmentally friendly sources.

Since 2020, 100% of the electricity used in production has come from renewable energy (hydro, wind, solar and biofuel). We plan to keep it this way.



GREENHOUSE GAS EMISSIONS 3.36 kg OF CO₂EQ/KG

This is because an unspoiled atmosphere is crucial.

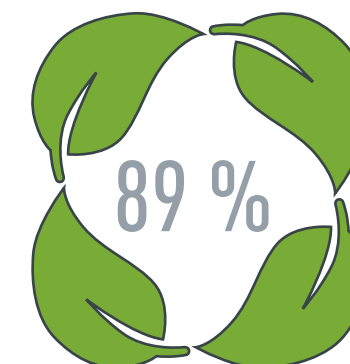
With its roof components, PREFA achieves the best results compared to alternative products in relation to greenhouse gas emissions, with a figure of 3.36 kg of CO₂eq/kg. In order to compensate for the average emissions from a PREFA roof of 400 kg – over the 40 years of the warranty – a mere 3.76 trees would need to be planted.

Best of all, though: an aluminium roof retains its value. Once it is recycled after use, the emission figure drops to just 0.76 kg of CO₂eq/kg. That's less than half a tree.

WASTE BALANCE: 89 % GOES BACK INTO THE CYCLE

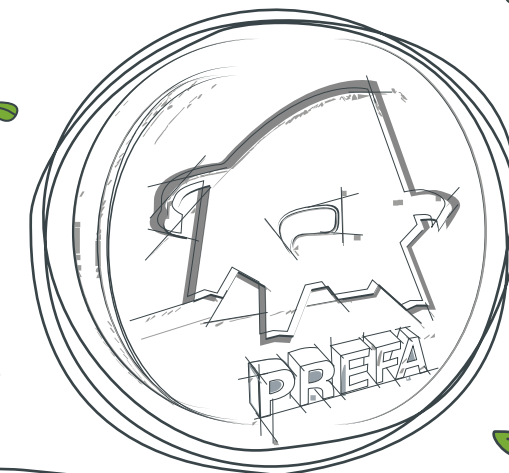
Even our waste is valuable. So we recycle it immediately.

PREFA can boast a very impressive waste balance: 51 % goes into recycling, 38 % goes into material recovery, 5 % is used for heating and 6 % is disposed of via a waste treatment plant. That means a remarkable 89% of the disposed materials flows back into the closed-loop economy.



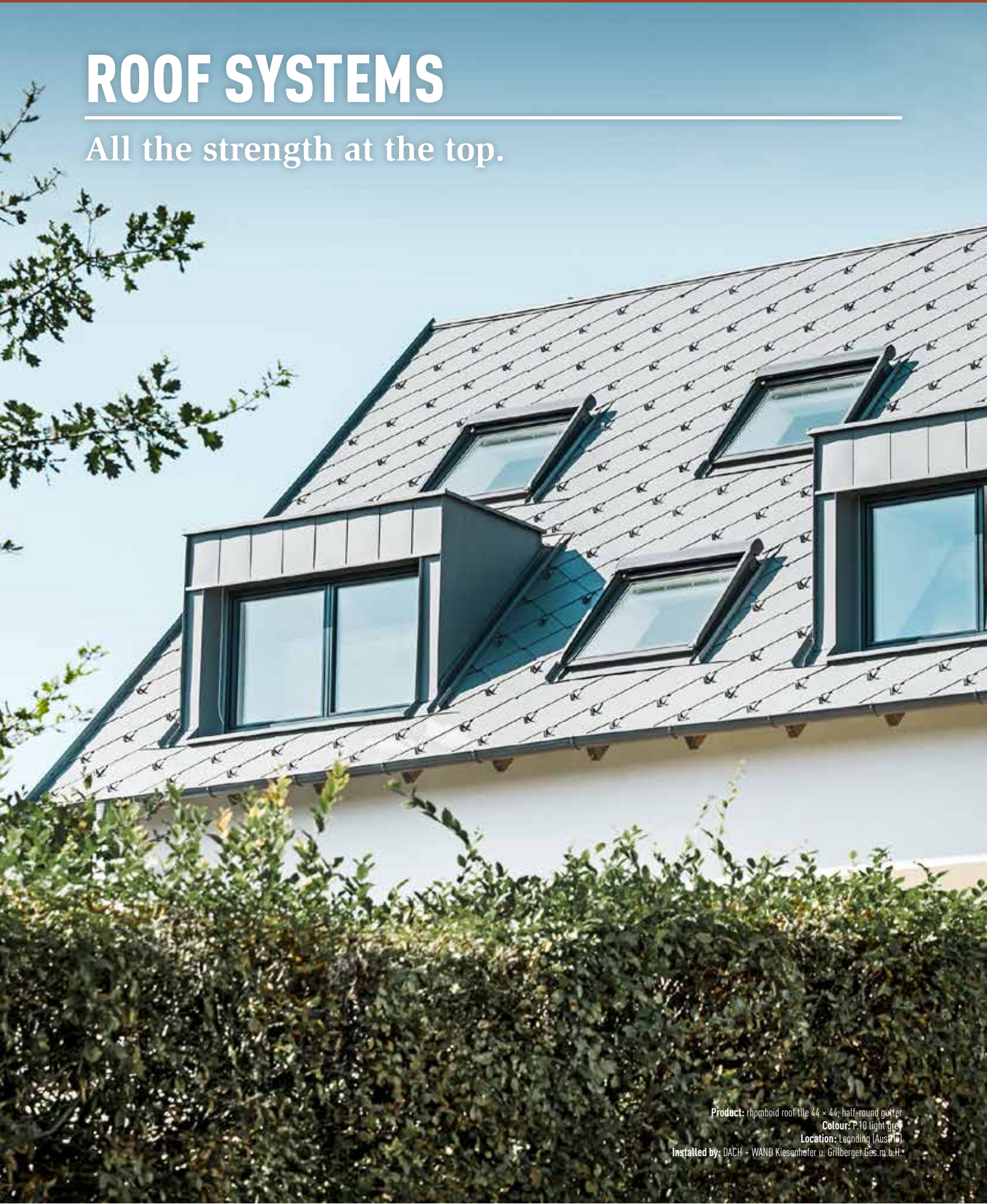
As you can see, not only are PREFA roofs and façades built to last generations – we think just as long-term when it comes to our sustainable future. Visit www.prefa.com/sustainability to discover everything you need to know about PREFA.

(Data taken from the 2020 financial year)



ROOF SYSTEMS

All the strength at the top.



Product: rhomboid roof tile 44 x 44, half-round gutter
Colour: P.10 light grey
Location: Leonding (Austria)
Installed by: DACH + WAND Kiesenhofer u. Grillberger Ges.m.b.H.

ROOF TILE



2.3 kg/m² — 4 per m²



PAGE 20



R.16 ROOF TILE



2.5 kg/m² — 3.4 per m²



PAGE 22



DS.19 ROOF SHINGLE



2.75 kg/m² — 8 per m²



PAGE 24



ROOF SHINGLE



2.5 kg/m² — 10 per m²



PAGE 26



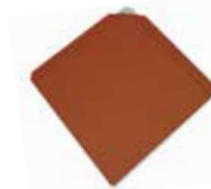
RHOMBOID ROOF TILE 44 x 44



2.6 kg/m² — 5.25 per m²



PAGE 28



RHOMBOID ROOF TILE 29 x 29



2.6 kg/m² — 12 per m²



PAGE 30



FX.12 ROOF PANEL



2.4–2.5 kg/m²
panel (small): approx. 3.4 per m²
panel (large): approx. 1.7 per m²



PAGE 32



PREFALZ | FALZONAL®



approx. 2.3 kg/m²



PAGE 34



PREFALZ can be combined with the new PREFALZ solar panel





Product: roof tile
Colour: P.10 anthracite
Location: Canali (Italy)
Installed by: CMC Lattonieri srl



Product: roof tile
Colour: P.10 light grey
Location: St. Valentin (Austria)
Installed by: Rössler, Wilhelmsburg

ROOF TILE



The classic tile for traditional and modern buildings

The roof tile is a popular and proven classic for both traditional and modern building projects. Weighing just 2.3 kg/m², the small-format aluminium panel is lightweight yet extremely resistant. It’s ideal for covering intact, older roof structures as four tiles are enough to cover one square metre of roof. Installation is also possible on flat roofs with a roof pitch from 12°.



P.10 brown

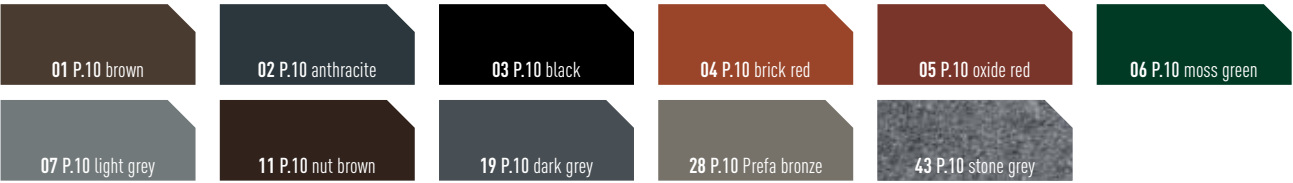
MANY YEARS OF VALUABLE EXPERIENCE IN MOUNTAINOUS REGIONS

Thanks to the patented folding and fastening system of the roof tile, the roofs are able to put up with high wind speeds. Intensive use, especially in mountainous areas, has provided valuable experience for many years. Even in extreme conditions, PREFA provides a 40-year guarantee on the aluminium material.

* Information about the material and colour guarantee can be found at uk.prefa.com/guarantee.

ELEGANT APPEARANCE, EXTREMELY WEATHER-RESISTANT

The roof tile is available in eleven standard colours and comes with extensive accessories. The P.10 surface has a matt appearance and is UV- and colour-resistant and also weather-resistant.



TECHNICAL DATA — ROOF TILE



- **Material**
coil-coated aluminium, 0.7 mm thick
 - **Standard finish**
stucco
 - **Dimensions**
600 × 420 mm (cover), i.e. 4 pc./m²
 - **Weight**
approx. 2.3 kg/m²
 - **Minimum roof pitch**
12° (approx. 21%) — rafter length: up to 7 m
14° (approx. 25%) — rafter length: 7–12 m
16° (approx. 29%) — rafter length: over 12 m
 - **Supporting substrate and separation layer***
On fully boarded substrate (at least 24 mm); with snow loads greater than 3.25 kN/m² or in terrain categories 0, I or II, fully boarded substrate with a separation layer is required.
 - **Standard fastening**
indirect fastening, 2 PREFA patent clips and PREFA ring nails per roof tile (i.e. 8 PREFA patent clips and ring nails per m²)
- * Observe national regulations and guidelines.



R.16 ROOF TILE

Simple, straightforward, large format

The R.16 roof tile ensures a minimalist and elegant roof design and gives architects and designers the greatest possible scope. Not only is it easy on the eye, it's also quick to install. Thanks to the large format of the R.16 roof tile with its length of 70 cm and width of 42 cm, it's now possible to cover roofs with 3.4 tiles per square metre while achieving stunning effects at the same time.

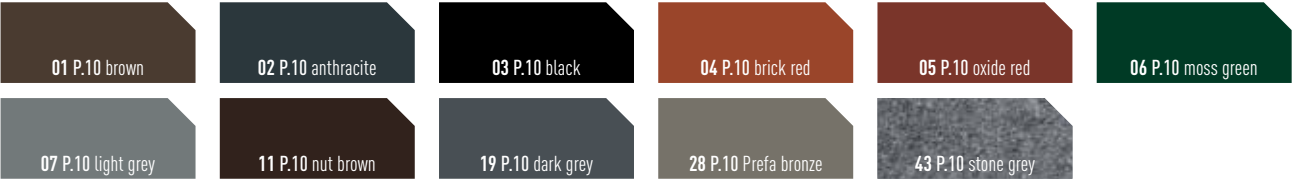
DIRECTLY NAILED ON,
NO ADDITIONAL CLIPS REQUIRED

The R.16 roof tile can be installed from a roof pitch of 17°. Weighing only 2.5 kg/m², it really is very lightweight. Its outstanding feature: the tile is fastened directly to the integrated fastening strip which also facilitates speedy installation for the roofer.



AVAILABLE IN ELEVEN STANDARD COLOURS

The R.16 roof tile is available in eleven standard colours in P.10 quality with a stucco surface. A smooth finish can also be ordered on request. The surface is UV-resistant, colour-fast and weatherproof.



TECHNICAL DATA — R.16 ROOF TILE



- Material
coil-coated aluminium, 0.7 mm thick
- Standard finish
stucco
- Dimensions
700 × 420 mm (cover), i.e. 3.4 pc./m²
- Weight
approx. 2.5 kg/m²
- Minimum roof pitch
17° (approx. 31%)
- Supporting substrate and separation layer*
On fully boarded substrate (at least 24 mm), a separation layer is required for roof pitches between 17° and 25°; with snow loads greater than 3.25 kN/m² or in terrain categories 0, I or II, fully boarded substrate with a separation layer is required.
- Standard fastening
direct fastening, 3 PREFA ring nails per R.16 roof tile (i.e. approx. 10 PREFA ring nails per m²)

* Observe national regulations and guidelines.



Product: DS.19 shingle
Colour: P.10 brown
Location: Vienna (Austria)
Installed by: Larisch Dachdesign | Kandler Dach



Product: DS.19 shingle
Colour: P.10 anthracite
Location: Dortmund (Germany)
Installed by: Sindermann

DS.19 ROOF SHINGLE



Large format, lightweight and practical to install

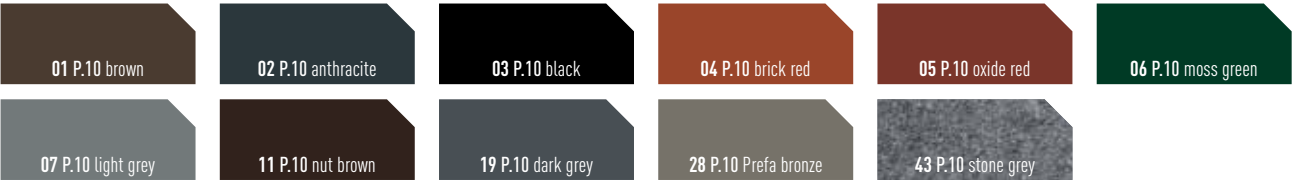
The DS.19 shingle sets new standards where format and application area are concerned. It can be installed from a roof pitch of 17°, and at 480 × 262 mm, is larger than the classical shingle. This format enables faster and more efficient installation; only eight DS.19 shingles are required per square metre. Weighing only 2.75 kg/m², the DS.19 shingle is also extremely lightweight. The tried and tested flat lock system is not only storm-proof but also extremely weather-resistant.

CLASSIC-TRADITIONAL OR MODERN ARCHITECTURE

From an aesthetic point of view, the shingles are suitable for classic-traditional roof structures, but they can also be used to create exciting contrasts in modern architecture too. The DS.19 shingle with a stucco finish is available in the eleven standard colours. A smooth finish is also possible on request.



Product: DS.19 shingle
Colour: P.10 dark grey
Location: Pocking am Starnberger See (Germany)
Installed by: Spengler & Dachdecker, Peter Schönleitner
building-related special solution



TECHNICAL DATA — DS.19 SHINGLE



- Material
coil-coated aluminium, 0.7 mm thick
- Standard finish
stucco
- Dimensions
480 × 262 mm (cover), i.e. 8 pc./m²
- Weight
approx. 2.75 kg/m²
- Minimum roof pitch
17° (approx. 31 %)
- Supporting substrate and separation layer*
On fully boarded substrate (at least 24 mm), a separation layer is required for roof pitches between 17° and 25°; with snow loads greater than 3.25 kN/m² or in terrain categories 0, I or II, fully boarded substrate with a separation layer is required.
- Standard fastening
indirect fastening, 1 PREFA patent clip and ring nail per DS.19 shingle (i.e. 8 PREFA patent clips and ring nails per m²)

* Observe national regulations and guidelines.



Product: shingle, box gutter, half-round gutter
Colour: P.10 black
Location: Innsbruck (Austria)
Architectural design: Imgang Architekten ZT GmbH



Product: Roof shingle
Colour: P.10 anthracite
Location: Einbeck (Germany)
Installed by: Dachdeckerei M. Stahlmann

ROOF SHINGLE

As though tailor-made for each project

With the PREFA shingle, the rhombus shape which has been tried and tested thousands of times over, is combined with the high-tech material, aluminium. This makes it the ideal product for classic-traditional roof designs as well as for modern buildings.



ELEGANT, MATT DESIGN AVAILABLE IN MANY COLOURS

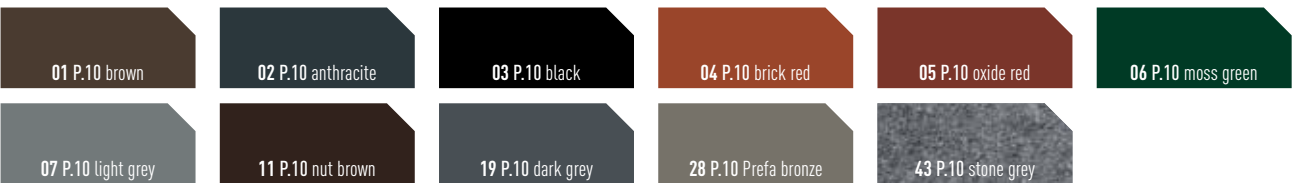
The shingle with a stucco finish is available in the eleven standard colours. The broad choice of colours ensures attractive and harmonious roof surfaces. Seams on all four sides guarantee the necessary reliability, thus ensuring a weather-proof tight fit on your roof.



P.10 stone grey

FLAT LOCK SYSTEM AND CONCEALED FASTENING

The small format, particularly light-weight shingle shows its strengths whether used on the smallest surfaces or in large-scale projects, and on new roofs or roof renovations. Through the flat lock system and concealed fastening, the shingle is not only storm-proof but also weather-resistant. Flat lock welts on all four sides guarantee the necessary reliability, thus ensuring a weatherproof tight fit on your roof.



TECHNICAL DATA — SHINGLE



- Material
coil-coated aluminium, 0.7 mm thick
 - Standard finish
stucco
 - Dimensions
420 × 240 mm (cover), i.e. 10 pc./m²
 - Weight
approx. 2.5 kg/m²
 - Minimum roof pitch
25° (approx. 47%)
 - Supporting substrate and separation layer*
On fully boarded substrate (at least 24 mm); with snow loads greater than 3.25 kN/m² or in terrain categories 0, I or II, fully boarded substrate with a separation layer is required.
 - Standard fastening
indirect fastening, 1 PREFA patent clip and ring nail per roof and façade shingle (i.e. 10 PREFA patent clips and ring nails per m²)
- * Observe national regulations and guidelines.

Product: rhomboid roof tile 44 × 44, half-round gutter, downpipe
Colour: P.10 light grey
Architectural design: Illichmann Architecture
Installed by: Dachdeckerei und Spenglerei Rudolf Wukisevits e.U.



Product: rhomboid roof tile 44 × 44
Colour: P.10 anthracite
Location: Prutz (Austria)
Installed by: Spenglerei Özi



RHOMBROID ROOF TILE 44 × 44

Elegant scale-like appearance with distinctive accents

Roofs full of character with a familiar pattern are achieved with the PREFA rhomboid roof tile. It breathes new life into a traditional and well-established shape, giving it a completely new and modern definition. The material is modern too: the 0.7 mm-thick coil-coated aluminium ensures maximum durability and extreme weather resistance. The perfectly coordinated system, the low weight and the tried and tested flat lock installation technique ensure problem-free use on new roofs and renovations.

Product: rhomboid roof tile 44 × 44
Colour: P.10 dark grey
Location: Aschach (Austria)
Installed by: Heger Dächer Spenglerei Dachdeckerei GesmbH & Co KG



FAMILIAR PATTERNS – FRESH TAKE

The large format of the rhomboid roof tile 44 × 44 gives the building a particularly elegant and modern appearance. Weighing only 2.6 kg/m², it is not only extremely lightweight, but the integrated fastening strips also facilitate speedy and inexpensive installation. Only approx. five elements are required for one square metre. This also saves time. Through the flat lock system and concealed fastening, the rhomboid roof tile 44 × 44 is not only extremely storm-proof but also weather-resistant, thus ensuring a weatherproof tight fit on your roof.



01 P.10 brown	02 P.10 anthracite	03 P.10 black	04 P.10 brick red	05 P.10 oxide red	06 P.10 moss green
07 P.10 light grey	11 P.10 nut brown	19 P.10 dark grey	28 P.10 Prefa bronze	43 P.10 stone grey	

TECHNICAL DATA – RHOMBROID ROOF TILE 44 × 44



- Material
coil-coated aluminium, 0.7 mm thick
- Standard finish
stucco
- Dimensions
437 × 437 mm (cover), i.e. 5.25 pc./m²
- Weight
approx. 2.6 kg/m²
- Minimum roof pitch
12° (approx. 21%) — rafter length: up to 7 m
14° (approx. 25%) — rafter length: 7–12 m
16° (approx. 29%) — rafter length: over 12 m
- Supporting substrate and separation layer*
On fully boarded substrate (at least 24 mm); with snow loads greater than 3.25 kN/m² or in terrain categories 0, I or II, fully boarded substrate with a separation layer is required.
- Standard fastening
direct fastening, 4 PREFA ring nails per rhomboid roof and façade tile 44 × 44 (i.e. 20 PREFA ring nails per m²)

* Observe national regulations and guidelines.



Product: rhomboid roof tile 29 × 29
Colour: P.10 anthracite
Location: Tonisvorst (Germany)
Installed by: Jens Thomsen Tonisvorst



Product: rhomboid roof tile 29 × 29
Colour: P.10 oxide red
Location: Mühlendorf (Austria)
Installed by: City Dach

RHOMBOID ROOF TILE 29 × 29



A fresh interpretation of familiar patterns

PREFA’s rhomboid roof tiles give roofs an elegant “scaly” appearance with distinctive accents. So every building is unique and full of character. Thanks to the perfectly coordinated system and the low weight, the rhomboid tiles can be used problem-free on new roofs and renovations. The 0.7 mm thick coil-coated aluminium and the proven flat lock technology ensure maximum durability and extreme weather resistance.



P.10 anthracite

RHOMBOID ROOF TILE 29 × 29

The rhomboid roof tile 29 × 29 is the perfect combination of style and function. With its dimensions of 290 × 290 mm, it falls within the medium range and can therefore be used flexibly. The ridged edge of the rhomboid roof tile creates a one-of-a-kind, striking appearance.



01 P.10 brown	02 P.10 anthracite	03 P.10 black	04 P.10 brick red	05 P.10 oxide red	06 P.10 moss green
07 P.10 light grey	11 P.10 nut brown	19 P.10 dark grey	28 P.10 Prefa bronze	43 P.10 stone grey	

TECHNICAL DATA — RHOMBOID ROOF TILE 29 × 29



- Material

coil-coated aluminium, 0.7 mm thick
- Standard finish

stucco
- Dimensions

290 × 290 mm (cover), i.e. 12 pc./m²
- Minimum roof pitch

22° (approx. 40%)
- Weight

approx. 2.6 kg/m²
- Supporting substrate and separation layer*

On fully boarded substrate (at least 24 mm); with snow loads greater than 3.25 kN/m² or in terrain categories 0, I or II, fully boarded substrate with a separation layer is required.
- Standard fastening

indirect, 1 PREFA rhomboid roof tile clip as well as 1 ring nail per rhomboid roof tile 29 × 29 (i.e. 12 PREFA rhomboid roof tile clips as well as 12 ring nails per m²)
- * Observe national regulations and guidelines.



Product: FX.12 roof panel
Colour: P.10 stone grey
Location: Starrkirch-Wilt (Switzerland)
Installed by: Kunz GmbH



Product: FX.12 roof panel, box gutter, downpipe
Colour: P.10 brown
Location: St. Marein bei Graz (Austria)
Architectural design: Architekturbüro Meier
Installed by: Josef Klässner GmbH

FX.12 ROOF PANEL



Vibrant light and shade effects

PREFA’s FX.12 roof panels are innovative design elements which enable particularly futuristic surfaces to be created with their geometric designs. The appearance differs depending on how the light falls, making every building unique. The use of two different panel dimensions (small and large) further enhances the asymmetrical, one-of-a-kind look.

A CLEVER DESIGN
ENSURES GREATER STABILITY

The crisscross bends have an even more important role: they reinforce the panels, ensuring even greater resistance. The tapered standing seam absorbs any lateral expansion. The panels are installed using the integrated fastening strip without requiring additional clips. The FX.12 roof panels are available in eleven standard colours.



01 P.10 brown	02 P.10 anthracite	03 P.10 black	04 P.10 brick red	05 P.10 oxide red	06 P.10 moss green
07 P.10 light grey	11 P.10 nut brown	19 P.10 dark grey	28 P.10 Prefa bronze	43 P.10 stone grey	

TECHNICAL DATA — FX.12 ROOF PANEL



- Material
coil-coated aluminium, 0.7 mm thick
 - Finish
smooth
 - Dimensions
700 × 420 mm (cover), i.e. 3.4 pc./m²
1400 × 420 mm (cover), i.e. 1.7 pc./m²
 - Weight
approx. 2.4–2.5 kg/m²
 - Minimum roof pitch
17° (approx. 31 %)
 - Supporting substrate and separation layer*
On fully boarded substrate (at least 24 mm), a separation layer is required for roof pitches between 17° and 25°; with snow loads greater than 3.25 kN/m² or in terrain categories 0, I or II, fully boarded substrate with a separation layer is required.
 - Standard fastening
direct, with 3 PREFA ring nails per small FX.12 roof panel, with 5 PREFA ring nails per large FX.12 roof panel (i.e. approx. 8–10 PREFA ring nails per m²)
- * Observe national regulations and guidelines.



PREFALZ

A combination of malleability, elegance and infinite design possibilities

PREFALZ offers numerous possibilities in terms of colour and shape. Thanks to the aluminium material, it is more supple than most comparable folding materials and therefore particularly easy to form. From barrel roofs to complex roof extensions, domes or large-scale roofs — PREFALZ offers architects countless individual design options that would hardly be possible with any other material. Folds and bends won't affect the paint quality at all. PREFALZ is supplied in a total of 19 colours and in plain aluminium with a smooth or stucco surface, as required.

FOR LOW PITCHED ROOFS WITH A ROOF PITCH FROM 3°

Roofs designed with PREFALZ have the highest stability and durability. PREFALZ is suitable for very low pitched roofs* with a roof pitch from 3° and can also be installed well even at low temperatures.

* Observe national regulations and guidelines.

NOTE

PREFALZ can be combined with the new PREFALZ solar panel

» PAGE 52



TRULY LIGHTWEIGHT

With its low weight of between 2.2 and 2.3 kg/m², depending on the tray width, PREFALZ is suitable for conversions of both old and new buildings, and can be expanded with the wide range of PREFA system accessories.



01 P.10 brown	02 P.10 anthracite	03 P.10 black	04 P.10 brick red	05 P.10 oxide red	06 P.10 moss green
07 P.10 light grey	08 P.10 zinc grey	10 P.10 PREFA white	11 P.10 nut brown	12 metallic silver	13 plain aluminium
17 P.10 pure white	19 P.10 dark grey	23 black grey	28 P.10 Prefa bronze	43 P.10 stone grey	45 bronze
46 P.10 patina green	47 patina grey				

TECHNICAL DATA — PREFALZ		≥3°
→ Material	coil-coated aluminium, 0.7 mm thick	→ Minimum roof pitch* 3° (approx. 5%)
→ Standard dimensions	PREFALZ for roofs: 0.7 × 500 mm; 0.7 × 650 mm Complementary coil: 0.7 × 1000 mm	→ Supporting substrate and separation layer* on fully boarded substrate (at least 24 mm); separation layer as required
→ Weight	approx. 1.89 kg/m² actual consumption with PREFALZ 500: approx. 2.3 kg/m² actual consumption with PREFALZ 650: approx. 2.2 kg/m²	→ Fastening PREFA preformed fixed and long sliding clips (stainless steel) according to static requirements
		* Observe national regulations and guidelines.



Product: PREFALZ
Colour: P10 light grey
Location: Kivadoszka (Hungary)
Architectural design: Dr. Bachman Zoltan, Borsos Agnes
Installed by: Akos Stang
building-related special solution

FALZONAL®

THE RIGHT MATERIAL
FOR HIGH DESIGN EXPECTATIONS

In terms of alloy, strength and coating, FALZONAL®, the colour aluminium strip, has been specially tailored for applications using sheet metal techniques. It is perfectly suited to the widest variety of folding techniques and can be individually combined with materials such as wood and glass. The material is easy to work with and at the same time is highly resilient.

AVAILABLE IN MANY COLOURS
FROM COPPER TO TITANIUM

FALZONAL® is available in a wide range of colours and surfaces with plain or metallic colours including copper, zinc or titanium shades. The visible side of FALZONAL® is coil-coated with an HDCC paint system (high durable coil coat).



Product: FALZONAL
Colour: special colour/bespoke colour
Location: Lindau (Germany)
Architectural design: Auer Weber Architekten
Installed by: Täumer GmbH

weathered clear varnish	standard pure white	tin grey	zinc grey	matt light zinc	matt light grey
anthracite grey	matt dark grey	anodic brown	victorian brick red	copper brown	coffee brown
reseda green	light ivory	dusty blue	opal green	grey-green	quartz grey
pearl white	savannah beige	pastel turquoise	broom yellow	crimson	turquoise blue
mint green	olive green	azure blue	light grey	gentian blue	carbon black
bright metallic	grey aluminium	light bronze	new copper	maya gold	

TECHNICAL DATA — FALZONAL®



- Material
coil-coated aluminium, 0.7 mm thick
- Standard dimensions
0.7 × 600 mm
Complementary coil: 0.7 × 1200 mm
- Weight
approx. 1.89 kg/m²
actual consumption with FALZONAL® 600: approx. 2.19 kg/m²
- Minimum roof pitch*

3° (approx. 5%)

- Supporting substrate and separation layer*
on fully boarded substrate (at least 24 mm); separation layer as required
- Fastening
PREFA preformed fixed and long sliding clips (stainless steel) according to static requirements

* Observe national regulations and guidelines.

PREFA ORIGINAL ACCESSORIES

Systematic quality right down to the last detail

PREFA's products stand for strength and safety — and that applies for generations. The individual components work together perfectly to ensure safety, and thanks to their accuracy of fit and high quality, they guarantee the durability that a PREFA complete system strives to obtain. This includes not only the main products (roof and façade systems), but original PREFA accessories too.

ACCESSORIES FOR ROOF SYSTEMS

PAGE 40



SNOW GUARD SYSTEM

PAGE 41



ROOF SAFETY

PAGE 42



LIGHTNING PROTECTION

PAGE 43





EVERY SINGLE PART FROM ONE SOURCE

All the individual components of PREFA’s accessories and additional items are manufactured from a single source and delivered together. For example, the necessary mounting accessories are included with all the accessories. This ensures that all parts match perfectly and the result meets the highest demands in terms of both appearance and quality. To ensure a perfect installation, PREFA products should only be installed by trained professionals. This gives clients and designers maximum security.

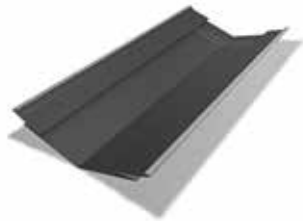
PATENT CLIP FOR ROOF TILES AND SHINGLES

Thanks to its well thought-out shape, the PREFA fastening system, which has been tried and tested for many years, enables uncomplicated installation. Bending the top edge of the clip prevents it from getting caught on the sheathing or separation layer. Correctly positioned ridges also prevent capillary action.



SAFETY VALLEY

The PREFA safety valleys, with anti-capillary grooves in the cross-welt area, are also suitable for use in snowy regions. The additional joint ensures greater protection against capillary action. Tapered folds in the overlap area facilitates mounting.



RIDGE VENT

The special slim design of the ridge vent ensures extremely good ventilation and functionality. It can be used on the hip and also on the ridge with all small-format PREFA products.



SNOW GUARD SYSTEM

SNOW GUARD

Suitable snow guards exist for all small-format PREFA roof products. They are distributed over the entire roof surface to prevent snow from slipping off. The number of snow guards required and the way in which they are arranged depends on the potential snow load and the roof pitch.



REMOVABLE PIPES FOR THE PIPE-STYLE SNOW GUARD SYSTEM

The PREFA pipe-style snow guard system can be used on roof tiles, R.16 roof tiles, roof shingles, DS.19 roof shingles, rhomboid roof tiles and FX.12 roof panels. The greatest advantage of the pipe-style snow guard system is that it is easy to install. The pipe-style snow guard system can also be retrofitted and is available in all standard colours.



XL PIPE-STYLE SNOW GUARD SYSTEM

Based on the tried-and-tested snow protection system, the XL bracket has two additional pull-through openings. This increased visible height compensates for the usual installation height of roof-parallel energy generation systems on small-format PREFA roof coverings. With these original accessories, the reliable retention of snow and ice is thus guaranteed on roofs with energy generation systems. The pipe-style snow guard system can also be retrofitted and is available in all standard colours.



SEAM CLAMPS

The snow guard system for clamping on to double-lock standing seams (PREFALZ and FALZONAL®) offers maximum security and has no influence on the expansion of the roof covering. Ribbing gives the system a better grip on the seam and delivers high static values. The PREFA seam clamp is available in three different versions.



MOUNTAIN SNOW GUARD

Logs are inserted into the supports of the mountain snow guard, giving them a rustic look. The system can either be combined with snow guards — in which case, only one row of mountain snow guards is used on the eaves — or it can be arranged in several rows, with PREFA calculating the requirements accordingly. The hooks on the mountain snow guard have excellent static values, and the system is attached on the PREFA small-format products via the tried and tested mounts.



mountain snow guard bracket



ROOF SAFETY

Roof safety is a top priority for PREFA.

Carrying out work on roofs is one of the most dangerous construction activities that exists. That's why roof safety is a top priority for PREFA. Various, technically well-thought-out elements support skilled workers during assembly and repair, as well as the owners when cleaning, and ensure professional protection.

ROOF ANCHOR HOOK SDH

The roof anchor hooks on mounts, which have been tested in all fall directions, are suitable for all small-format PREFA products. The mount enables easy installation. The roof anchor hooks have also been tested for mounting on above-rafter insulation. Suitable roof anchor hooks are also available for clamping on to the standing seams of double-lock standing seams.



roof anchor hook for small-format products

SAFETY TREADS, WALKWAYS AND WALKWAY SUPPORTS

Safety treads, walkways and walkway supports are designed to enable roofers to move about safely on the roof covering. They are mostly used when there are technical installations on the roof surface which need to be accessed regularly. For example, for the purpose of performing maintenance on solar panels and solar thermal systems or to provide access for a chimney sweep to carry out inspections. The tried and tested mounts are used for the walkways and safety treads for PREFA small format products. In the case of the walkway supports for PREFALZ, the supports are clamped on to the seals.



safety tread



Product: rhomboid roof tile 44 × 44
Colour: P.10 stone grey
Location: Livo TN (Italy)
Architectural design: Ao7 Studio
Installed by: Adriano Busetto
building-related special solution

LIGHTNING PROTECTION

According to standards, PREFA products are “natural” components of an arresting device.

No other weather phenomenon impresses us as much or instils such great respect in us as a thunderstorm. To be able to enjoy the natural spectacle of lightning and thunder without fearing for the safety of your building, appropriate protection must be provided.

THE TOP PART OF THE BUILDING SHELL ACTS AS A KIND OF LIGHTNING CONDUCTOR

High-quality aluminium roofs such as those made by PREFA play an important role in this respect. If lightning is going to strike a building, it usually does so at exposed locations, i.e. wherever higher corners and edges protrude. It is therefore all the more important for the top part of the building shell to act as a kind of lightning conductor.

NATURAL COMPONENT OF THE SYSTEM

According to the standard EN 62305-3, metal roofs are a “natural” component of a lightning protection system. PREFA coil materials (PREFALZ and FALZONAL®) are permitted for use as a natural component of the arresting device, and PREFA small-format products (roof tiles, shingles, roof panels and rhomboid roof tiles) as a natural component of the lightning protection system (mounting of an additional arresting device and connection to earth).

ASSESSED ACCORDING TO STANDARDS

Information about the need for, and type of, lightning protection system required by a building can be obtained from a lightning protection system manufacturer or a licensed electrician, authorized both for the installation, and for the legally stipulated acceptance of the lightning protection system. Also ask around in your local community about any additional provisions which depend on the specific location.

The suitability of PREFA products as natural components of a lightning protection system must therefore be assessed on a project-specific basis in accordance with the standards to be taken into account.



roof conductor holder for lightning protection wire

PREFALZ SOLAR PANEL 500/650

The innovative PV system for PREFALZ roofs

NEW!

Solar panel system
for PREFALZ roofs

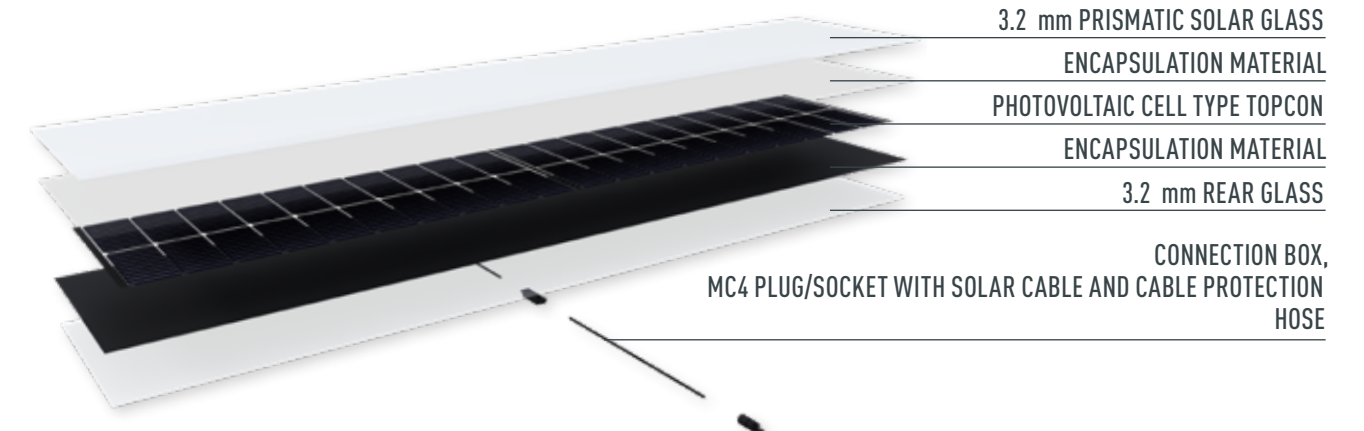
www.prefa.solar

Product: PREFA's PREFALZ solar panel
combined with PREFALZ
Colour: P10 black
Location: Meschede (Germany)
Architectural design: Daniel und Caroline Berster
Installed by: Stappert Dachdeckerei

PREFALZ SOLAR PANEL

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 appearance of the roof panels. 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 PREFA’s complete system.



PERFORMANCE GUARANTEE

Solar panel: 10-year product guarantee, performance guarantee: 85% of the nominal panel performance after 25 years, additional 25-year product guarantee on the PREFA sub-structure framework



RESISTANCE

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. CO₂-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 panels are attached directly to the double locked seams with panel clamps, and there is no need for the roof covering to be penetrated by screws, etc.

PREFA’S PREFALZ SOLAR PANEL 500

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



TECHNICAL DATA – PREFALZ SOLAR PANEL 500

- Performance
150 Wp, required area per kWp: 5.44 m²
- Dimensions
2,000 x 408 mm
- Weight
15 kg (18 kg/m²)
- 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.

PREFA’S PREFALZ SOLAR PANEL 650

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



TECHNICAL DATA – PREFALZ SOLAR PANEL 650

- Performance
150 Wp, required area per kWp: 7.44 m²
- Dimensions
2,000 x 558 mm
- Weight
21 kg (18 kg/m²)
- 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.

* Or 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.

SUPPORTING RAILS AND ACCESSORIES FOR SOLAR PANEL SYSTEMS

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 and supporting substrate calculations are provided solely by PREFA product technicians or trained sales partners. 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.





QUALITY
FROM AUSTRIA

since 1946

ALUMINIUM DRAINAGE SYSTEMS

Guaranteed rust-free even after many years

PREFA offers a complete aluminium roof drainage system including mounting accessories from one supplier — from half-round gutters to square downpipes, and from strainers to leader heads. The system that has been tried and tested for years will win you over with its well-thought-out, detailed technical solutions. The PREFA drainage system is mainly made of aluminium so it is guaranteed to remain rust-free, fully functional and attractive even after many years. Even tedious maintenance work such as touching up or repainting is not an issue with PREFA's high-quality coatings.

ENVIRONMENTALLY-FRIENDLY AND POLLUTION FREE

The PREFA aluminium drainage system is the best choice from an ecological point of view too. This is because aluminium does not release harmful heavy metal ions into the sewage water when gutters and pipes are constantly flushed out with rainwater, as is the case with conventional materials. Aluminium can be recycled as often as necessary without loss of quality. And what's the best thing about that? The manufacture of secondary aluminium requires 95% less energy than that required to obtain primary aluminium. Aluminium's light weight (less transport and construction site times) and durability (does not break, rust or freeze) also ensure its sustainability.

HIGHLY WEATHER-RESISTANT EVEN IN EXTREME CONDITIONS

The gutters are produced from colour-coated aluminium coils. Thanks to the high-quality surface treatment in a coil-coating process, the paint layer remains malleable and highly resistant, even under extreme weather conditions.



* The colour guarantee ensures that the P.10 painted surface is protected from chips and blistering under the terms specified in the guarantee certificate.

GUTTERS AND DOWNPIPES

half-round gutter
box gutter
on-roof gutter
downpipe

PAGE 52



BOX GUTTER AND SQUARE DOWNPIPE

PAGE 54





Product: Downpipe, on-roof gutter
Colour: P.10 black
Location: Rommerskirchen (Germany)
Installed by: Becker

GUTTERS AND DOWNPIPES



With well-thought-out, detailed technical solutions

HALF-ROUND GUTTERS

- Half-round gutter 250
- Half-round gutter 280
- Half-round gutter 333
- Half-round gutter 400

BOX GUTTERS

- Box gutter 250
- Box gutter 333
- Box gutter 400
- Box gutter 500*

ON-ROOF GUTTER

- On-roof gutter (700 mm)

DOWNPIPES

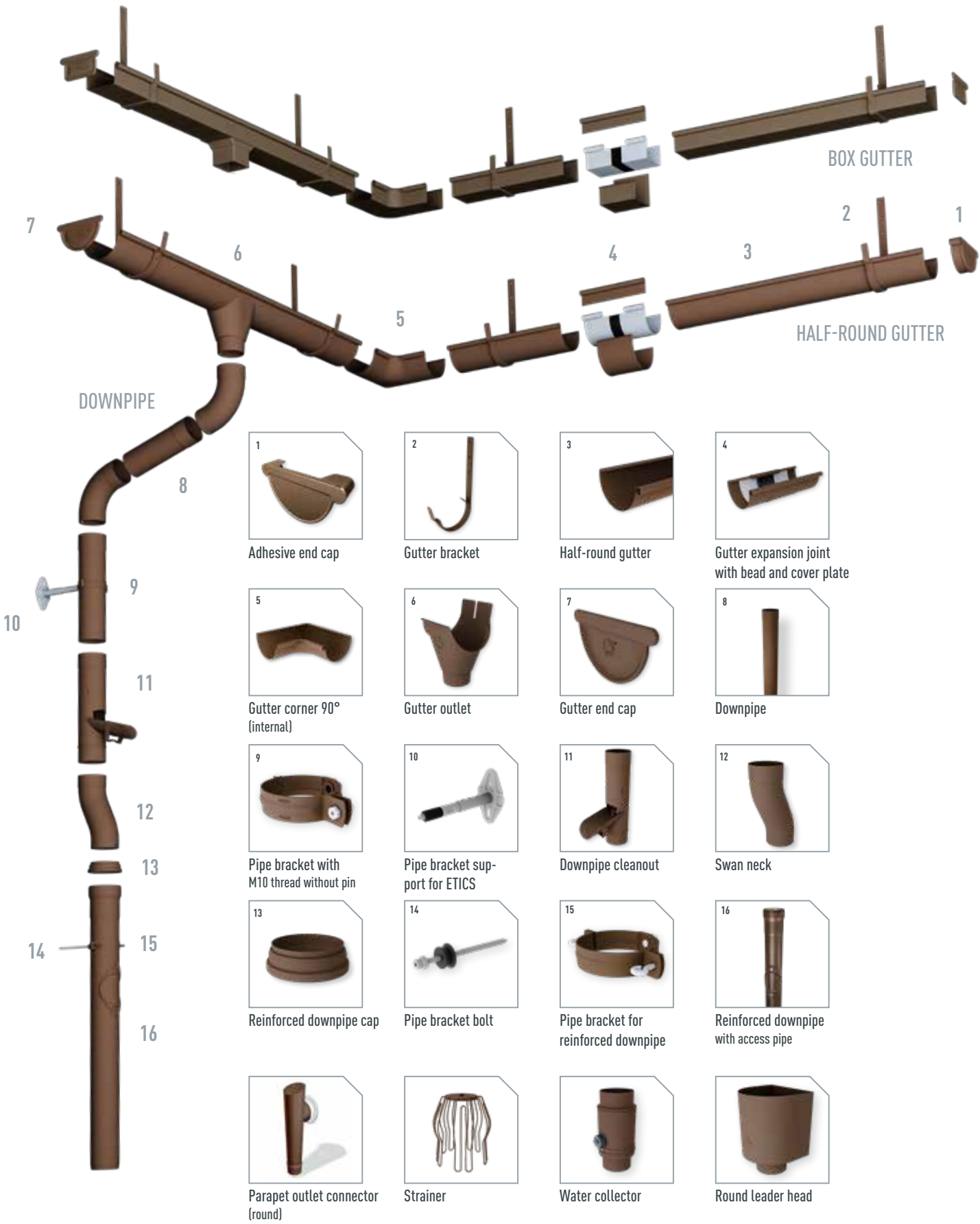
- Downpipe (ø 60 mm)
- Downpipe (ø 80 mm)
- Downpipe (ø 100 mm)
- Downpipe (ø 120 mm)
- Downpipe (ø 150 mm)

* not available in P.10

TIP FROM THE EXPERTS!

DOWNPIPE WITH A ROBUST DESIGN (1.6 mm thick)

Almost three metres in length and designed in 1.6 mm-thick aluminium (ø 100 mm), these downpipes offer two decisive product advantages: thanks to their particularly high resistance, they are ideal for installing in the driveway or garden as they cannot get dented, for example, by children playing, or by falling objects. Their length also gives them a visual advantage as no fasteners are required at eye level or in the direct field of vision. This functional detail creates an elegant impression, especially on modern detached houses, as it allows the roof drainage system to fade discreetly into the background when tone-in-tone solutions are used to match the colour of the façade.



This is a representative selection of products.
Other matching accessories are also available.

Product: box gutter
Colour: Anthracite
Location: Dortmund (Germany)
Installed by: Sindermann



BOX GUTTER AND SQUARE DOWNPIPE



Modern roof drainage for minimalist architecture

The square complete system in an elegant minimalist design is perfect for modern buildings. Drains can be perfectly integrated into the architecture, embellishing any building. Through brackets on the rear side, the square down pipe skilfully blends into the façade without any visible fasteners.

BOX GUTTERS

- Box gutter 250
- Box gutter 333
- Box gutter 400
- Box gutter 500*

* not available in P.10

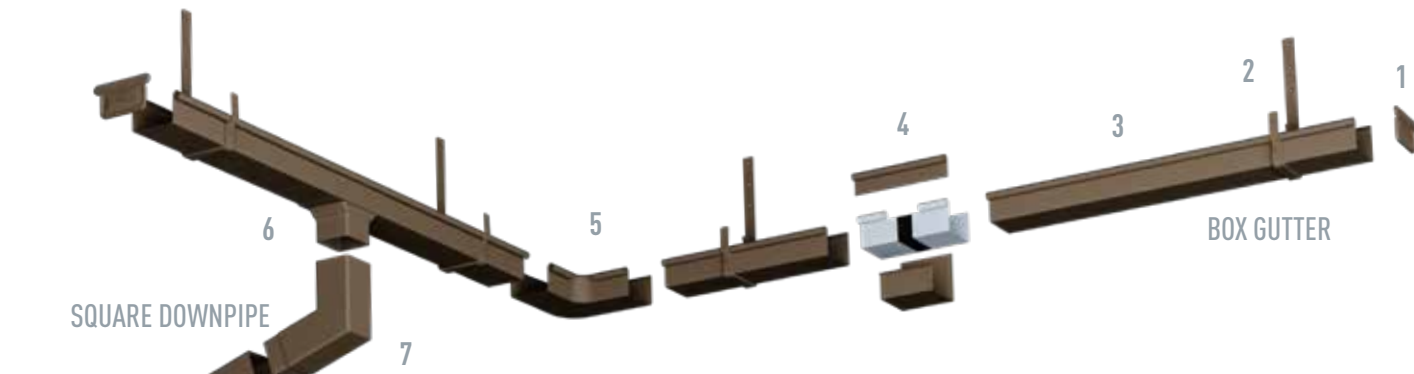
SQUARE DOWNPIPES

- Square downpipe 80 (side length: 80 mm)
- Square downpipe 100 (side length: 100 mm)
- Material thickness: 1.6 mm
- Lengths: 3,000 mm, 1,500 mm, 600 mm



ROBUST DESIGN

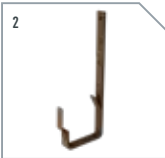
The PREFA square downpipe system is made up of various coordinated components such as square downpipes with radii corresponding to the box gutters, two different downpipe elbows with a 72° bend, parapet outlet connectors and leader heads with a square bead and outlet. The innovative aluminium products are outstanding due to their robust design. for examble the extruded square downpipe, available in dimensions of 80 mm and 100 mm, made of 1,6 mm thick powder coated aluminium with a continious fixing rail in the back for a secret fixing.



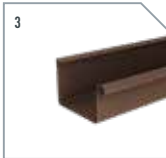
Products from the box gutter system offer an optimal complement to the PREFA square down-pipe, enhancing the elegant, angular design of the roof drainage system.



Box gutter end cap



Box gutter bracket



Box gutter



Box gutter expansion joint with bead and cover plate



Box gutter corner (internal)



Square downpipe outlet



Square downpipe elbow 72° (short)



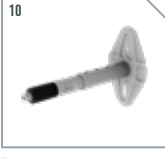
Square downpipe fastening clamp



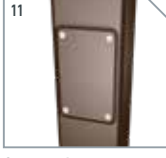
Square downpipe elbow 72° (long)



Square downpipe



Pipe bracket support for ETICS



Square downpipe with access pipe



Pipe bracket bolt



Square-to-round adapter



Square downpipe lightning protection clamp with fastening clamp



Square downpipe leader head



Square downpipe parapet outlet connector

ADVANTAGES OF A SQUARE DOWNPIPE

- Elegant design
- Available powder-coated in many P.10 colours
- Concealed fastening
- Large choice of colours
- Solid design (1.6 mm material thickness)

This is a representative selection of products. Other matching accessories are also available.

Product: DS.19 shingle, box gutter, downpipe
Colour: P.10 brown
Location: Vienna (Austria)
Installed by: Larisch Dachdesign | Kanzler Dach



COLOURS AVAILABLE

IN P.10: ANTHRACITE, BROWN, DARK GREY, LIGHT GREY, NUT BROWN, PREFA WHITE AND BLACK

The system is available in the classic standard colours to match the roof and façade elements. In this way, elegant tone-in-tone solutions or deliberate colour accents can be created. In addition to the colours anthracite, brown and light grey, the colours dark grey, nut brown, PREFA white and black are also available in P.10 quality.

		~ RAL	Half-round gutter 250 280	Half-round gutter 333	Half-round gutter 400	Box gutter 250	Box gutter 333	Box gutter 400	Box gutter 500	On-roof gutter	Downpipe 80 120	Downpipe 60	Downpipe 100	Downpipe 150	Square downpipe 80 100*
01	P.10 brown	7013	•	•	•	•	•	•		•	•	•	•	•	•
02	P.10 anthracite	7016	•	•	•	•	•	•		•	•	•	•	•	•
03	P.10 black	9005	•	•	•	•	•	•		•	•	•	•	•	•
04	brick red	8004	•	•			•			•	•		•		
05	oxide red	3009	•	•			•			•	•		•		
06	moss green	6005	•	•	•		•	•		•	•		•		
07	P.10 light grey	7005	•	•	•	•	•	•		•	•	•	•	•	•
08	zinc grey	7030	•	•			•			•	•		•		
10	P.10 PREFA white	9002	•	•	•	•	•	•		•	•	•	•	•	•
11	P.10 nut brown	8019	•	•	•	•	•	•		•	•	•	•	•	•
12	metallic silver ³	9006	•	•	•	•	•	•			•		•		•
13	plain aluminium ^{1 2}	—	•	•	•	•	•	•	•	•	•	•	•	•	•
19	P.10 dark grey	7043	•	•	•	•	•	•		•	•	•	•	•	•
47	patina grey ¹	7042		•			•						•		

* The PREFA square downpipe is kept in stock as standard in the P.10 colours brown, anthracite and light grey. It is also available to order in the colours P.10 black, P.10 PREFA white, P.10 nut brown, P.10 dark grey and in all other RAL colours. Please allow for delivery times and a surcharge.

¹⁾ Plain aluminium and patina grey are based on natural colours and therefore vary slightly in shade, giving the products their distinctive character.

²⁾ The guarantee does not cover surface appearance alterations caused by processing and environmental influences. Follow the instructions.

³⁾ The metallic colours may exhibit colour variations.

P.10 COLOUR-FAST SURFACE

UV-RESISTANT, COLOURFAST AND WEATHERPROOF

With P.10, PREFA has developed a colour-resistant finish that meets even the highest quality standards. The material withstands external influences and stresses, and is UV-resistant, colour-fast and weatherproof. At the same time, aluminium is an unbelievably lightweight and stable material, offering a wide range of planning and design possibilities.



P.10 COIL-COATING FINISH

PRIMER

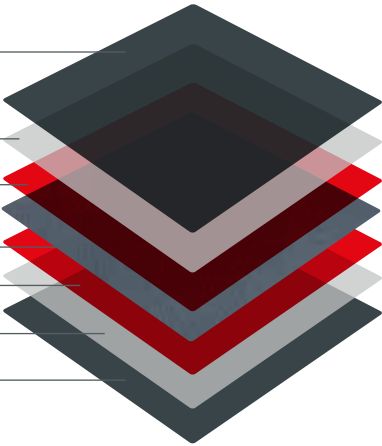
PRE-TREATMENT

BASIC MATERIAL (ALUMINIUM)

PRE-TREATMENT

PRIMER

P.10 COIL-COATING FINISH



FAÇADE SYSTEMS

An extravagant appearance for many years with little maintenance



Product: rhomboid facade tile 44 x 44
Colour: gold (special colour)
Location: Vienna (Austria)
Architectural design: Superblock ZT GmbH

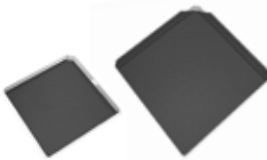
FAÇADE SHINGLE

PAGE 62



RHOMBOID FAÇADE TILE 44 x 44 | 29 x 29

PAGE 64



RHOMBOID FAÇADE TILE 20 x 20

PAGE 65



FX.12 FAÇADE PANEL

PAGE 66



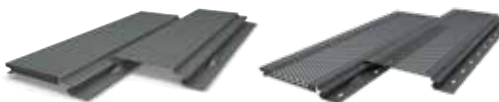
PREFALZ | FALZONAL®

PAGE 68



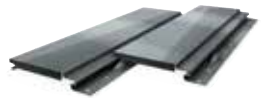
SIDING | PERFORATED SIDING

PAGE 72



SIDING.X

PAGE 74



PREFABOND ALUMINIUM COMPOSITE PANEL

PAGE 76



EXTRUDED PROFILES
SERRATED PROFILE | RIPPLE PROFILE

PAGE 78







Product: façade shingle
Colour: P.10 light grey
Location: Ehenbicht (Austria)
Architectural design: a4L-Architects
Installed by: Spenglerei Müller GesmbH



Product: façade shingle
Colour: P.10 anthracite
Location: Caldaro (Italy)
Installed by: Demez Adam

FAÇADE SHINGLE



As though tailor-made for each project

With the PREFA façade shingle, the rhombus shape which has been tried and tested thousands of times over, is combined with the high-tech material, aluminium. This makes it the ideal product for classic-traditional façade designs as well as for modern buildings.

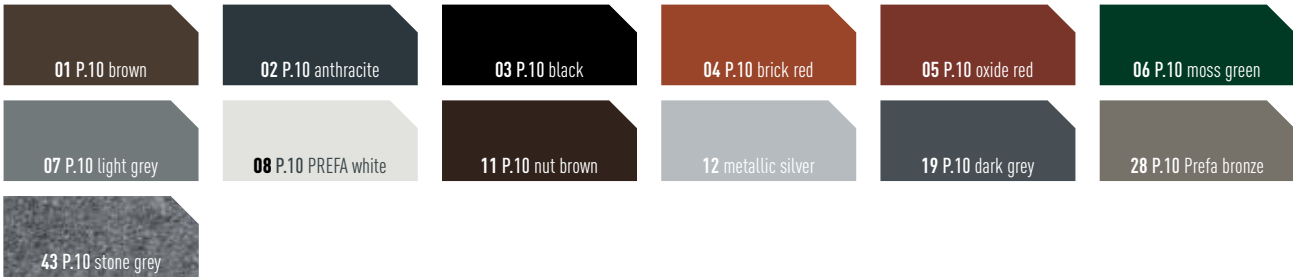
FLAT LOCK SYSTEM AND CONCEALED FASTENING

The small format, particularly light-weight façade shingle shows its strengths whether used on the smallest surfaces or in large-scale projects, and on new roofs or roof renovations. Through the flat lock system and concealed fastening, the shingle is not only storm-proof but also weather-resistant. Flat lock welts on all four sides guarantee the necessary reliability, ensuring a weatherproof and tight fit on your façade.



ELEGANT, MATT DESIGN AVAILABLE IN MANY COLOURS

The PREFA façade shingle with a stucco finish is available in 13 standard colours. A smooth finish is also possible on request. All designs are available with or without “PREFA” embossing. The small-format elements put traditional, scale-like façade designs in a whole new light. The low-maintenance products give the façade an elegant matt structure that you will enjoy for a long time.



TECHNICAL DATA — FAÇADE SHINGLE

- Material
coil-coated aluminium, 0.7 mm thick
 - Dimensions
420 × 240 mm (cover), i.e. 10 pc./m²
 - Weight
approx. 2.5 kg/m²
 - Supporting substrate*
on fully boarded substrate (at least 24 mm)
 - Standard fastening
indirect fastening, 1 PREFA patent clip and ring nail per façade shingle (i.e. 10 PREFA patent clips and ring nails per m²)
- * Observe national regulations and guidelines.



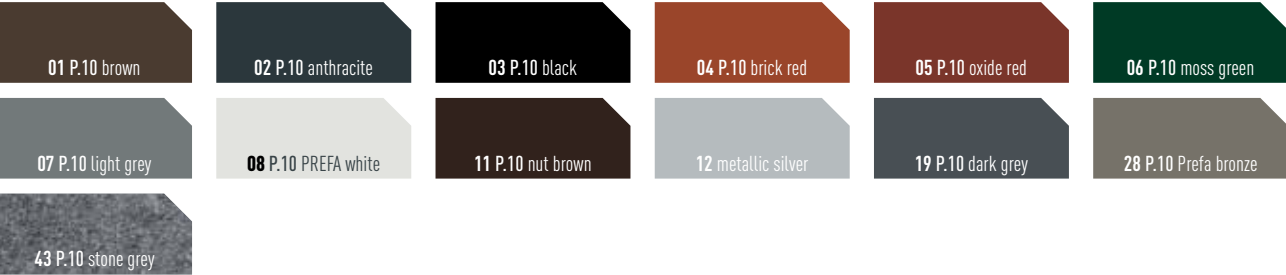
RHOMBOID FAÇADE TILE 44 × 44 | 29 × 29



A fresh interpretation of familiar patterns

The large format of the rhomboid façade tile 44 × 44 gives the building a particularly elegant and modern appearance. Weighing only 2.6 kg/m², it is not only extremely lightweight, but the integrated fastening strips also facilitate speedy and inexpensive installation. Only approx. five façade elements are required for one square metre. This also saves time and money.

The façade tile 29 × 29 is the perfect combination of style and function. With its dimensions of 290 × 290 mm, it falls within the medium range and can therefore be used flexibly. Rhomboid façade tiles 29 × 29 can be ordered with or without a v-shaped indentation.



TECHNICAL DATA — RHOMBOID FAÇADE TILE 44 × 44 | 29 × 29

- **Material**
coil-coated aluminium, 0.7 mm thick
- **Dimensions**
437 × 437 mm (cover), i.e. 5.25 pc./m²
290 × 290 mm (cover), i.e. 12 pc./m²
- **Weight**
approx. 2.6 kg/m²
- **Supporting substrate***
on fully boarded substrate (at least 24 mm)*
- **Standard fastening**
direct fastening, 4 PREFA ring nails per rhomboid façade tile 44 × 44 (i.e. 20 PREFA ring nails per m²)

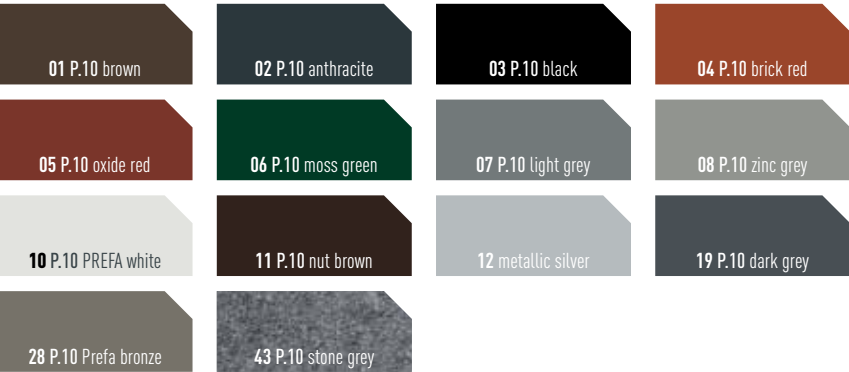
indirect, 1 PREFA rhomboid façade tile clip as well as 1 ring nail per rhomboid façade tile 29 × 29 (i.e. 12 PREFA rhomboid façade tile clips as well as 12 ring nails per m²)

* Observe national regulations and guidelines.

RHOMBOID FAÇADE TILE 20 × 20



With the small-format rhomboid façade tile 20 × 20, architectural features can be effectively highlighted. Smaller façade areas, gables, chimneys and bays can be attractively covered with great attention to detail. Even individual patterns with different shades of colour are possible and make every building unique. Combining the small-format rhomboid façade tiles with other façade components creates a particularly attractive effect.



TECHNICAL DATA — RHOMBOID FAÇADE TILE 20 × 20

- **Material**
coil-coated aluminium, 0.7 mm thick
- **Dimensions**
200 × 200 mm (cover), i.e. 25 pc./m²
- **Weight**
approx. 2.8 kg/m²
- **Supporting substrate***
on fully boarded substrate (at least 24 mm)
- **Standard fastening**
direct fastening, 1 PREFA ring nail per rhomboid façade tile 20 × 20 (i.e. 25 PREFA ring nails per m²)

* Observe national regulations and guidelines.



FX.12 FAÇADE PANEL



Vibrant light and shade effects

PREFA’s FX.12 façade panels are innovative design elements which enable particularly futuristic surfaces to be created with their geometric designs. The appearance differs depending on how the light falls, making every building unique. The use of two different panel dimensions (small and large) further enhances the asymmetrical, one-of-a-kind look. In two different sizes to suit your project.



A CLEVER DESIGN
ENSURES GREATER STABILITY

The crisscross bends have an even more important role: they reinforce the panels, ensuring even greater resistance. The tapered standing seam absorbs any lateral expansion. The panels are installed using the integrated fastening strip without requiring additional clips. The FX.12 façade panels are available in 14 standard colours.



01 P.10 brown	02 P.10 anthracite	03 P.10 black	04 P.10 brick red	05 P.10 oxide red	06 P.10 moss green
07 P.10 light grey	10 P.10 PREFA white	11 P.10 nut brown	12 metallic silver	19 P.10 dark grey	42 P.10 sand brown
28 P.10 Prefa bronze	43 P.10 stone grey				

TECHNICAL DATA — FX.12 FAÇADE PANEL

- Material

coil-coated aluminium, 0.7 mm thick
- Dimensions

700 × 420 mm (cover), i.e. 3.4 pc./m²
1400 × 420 mm (cover), i.e. 1.7 pc./m²
- Weight

approx. 2.4–2.5 kg/m²
- Supporting substrate*

on fully boarded substrate or skip sheathing (at least 24 mm thick)
- Standard fastening

direct, with 3 PREFA ring nails per small FX.12 façade panel, with 5 PREFA ring nails per large FX.12 façade panel (i.e. approx. 8–10 PREFA ring nails per m²)
- * Observe national regulations and guidelines.



Product: PREFALZ
Colour: P.10 PREFA white
Location: Gliwice (Poland)
Architectural design: Projekt DWA
Installed by: Mdach



Product: PREFALZ
Colours: P.10 anthracite, P.10 PREFA white
Location: Kraków (Poland)
Architectural design: Filip Adamczak
Installed by: Dudek Dachy

PREFALZ



A combination of malleability, elegance and infinite design possibilities

PREFALZ offers numerous possibilities in terms of colour and shape. Thanks to its aluminium material, it is more supple than most comparable folding materials and therefore particularly easy to form. PREFALZ offers planners countless individual design possibilities that would barely be conceivable with any other material. Folds and bends won't affect the paint quality at all. PREFALZ is supplied in a total of 19 colours and in plain aluminium with a smooth or stucco surface, as required.



P.10 anthracite

Façades designed with PREFALZ have the highest stability and durability. PREFALZ can also be installed well even in low temperatures. Rainproof joints can be easily achieved thanks to the concealed, invisible fastening.

TRULY LIGHTWEIGHT

With its low weight of between 2.2 and 2.3 kg/m², depending on the tray width, PREFALZ is suitable for conversions of both old and new buildings, and can be expanded with the wide range of PREFA system accessories.



01 P.10 brown	02 P.10 anthracite	03 P.10 black	04 P.10 brick red	05 P.10 oxide red	06 P.10 moss green
07 P.10 light grey	08 P.10 zinc grey	10 P.10 PREFA white	11 P.10 nut brown	12 metallic silver	13 plain aluminium
17 P.10 pure white	19 P.10 dark grey	23 black grey	28 P.10 Prefa bronze	43 P.10 stone grey	45 bronze
46 P.10 patina green	47 patina grey				

TECHNICAL DATA — PREFALZ

- Material

coil-coated aluminium, 0.7 mm thick
- Dimensions

PREFALZ for façades: 0.7 × 500 mm

Complementary coil: 0.7 × 1000 mm
- Weight

approx. 1.89 kg/m²

actual consumption with PREFALZ 500: approx. 2.3 kg/m²
- Supporting substrate*

on fully boarded substrate (at least 24 mm)
- Fastening*

PREFA preformed fixed and long sliding clips (stainless steel) according to static requirements
- * Observe national regulations and guidelines.



Product: PREFALZ
Colour: P10 anthracite
Location: Nové Hamry (the Czech Republic)
Architectural design: NEW HWK architekti
Installed by: Tomáš Padevět

FALZONAL®

THE RIGHT MATERIAL FOR HIGH DESIGN EXPECTATIONS

In terms of alloy, strength and coating, **FALZONAL®**, the colour aluminium strip, has been specially tailored for applications using sheet metal techniques. It is perfectly suited to the widest variety of folding techniques and can be individually combined with materials such as wood and glass. The material is easy to work with and at the same time is highly resilient. Simple façade areas or complex façade architecture can be turned into reality.

AVAILABLE IN MANY COLOURS
FROM COPPER TO TITANIUM

FALZONAL® is available in a wide range of colours and surfaces with plain or metallic colours including copper, zinc or titanium shades. The visible side of **FALZONAL®** is coil-coated with an HDCC paint system (high durable coil coat).



Product: **FALZONAL**
Colour: special colour/bespoke colour
Location: Elst Rijksweg Zuid (The Netherlands)
Architectural design: Studio Kees Marcelis
Installed by: Duinkerke Dak en Zink

weathered clear varnish	standard pure white	tin grey	zinc grey	matt light zinc	matt light grey
anthracite grey	matt dark grey	anodic brown	victorian brick red	copper brown	coffee brown
reseda green	light ivory	dusty blue	opal green	grey-green	quartz grey
pearl white	savannah beige	pastel turquoise	broom yellow	crimson	turquoise blue
mint green	olive green	azure blue	light grey	gentian blue	carbon black
bright metallic	grey aluminium	light bronze	new copper	maya gold	

TECHNICAL DATA – **FALZONAL®**

- **Material**
coil-coated aluminium, 0.7 mm thick

➤ **Standard dimensions**
0.7 × 600 mm
Complementary coil: 0.7 × 1200 mm

➤ **Weight**
approx. 1.89 kg/m²
actual consumption with **FALZONAL®** 600: approx. 2.19 kg/m²
- **Supporting substrate***
on fully boarded substrate (at least 24 mm)

➤ **Fastening***
PREFA preformed fixed and long sliding clips (stainless steel) according to static requirements
- * Observe national regulations and guidelines.



Product: siding
Colour: bronze
Location: Hamburg (Germany)
Architectural design: Atelier Cousin
Installed by: HKH Hanseklempner GmbH



Product: siding
Colour: walnut
Location: Satteldorf (Germany)
Installed by: Scheu Flaschnerei + Haustechnik

SIDING |PERFORATED SIDING

The intelligent façade solution offers countless possibilities.

Façade cladding, soffits and much more — with PREFA sidings, buildings can be cleverly embellished, modernized and preserved for decades. These attractive all-rounders can be installed outdoors as well as indoors and can be laid vertically, horizontally or at an angle, with or without a shadow gap. Practical corner sidings ensure a smooth-flowing exterior. The concealed fastening (via a tongue and groove system) guarantees a strong hold and an attractive appearance. The PREFA façade sidings are screwed onto a professional supporting substrate made of timber or metal, or a combination of the two materials, with a ventilation cavity in accordance with national standards. The combination of rainscreen cladding system, a structural wall (masonry) and thermal insulation ensures optimum thermal and sound insulation properties.

A COMPLETELY UNIQUE FAÇADE

Choose from a wide range of 22 standard colours and three different surfaces: smooth, stucco and lined. The length of the siding can be made to measure from anything between 0.5 and 6.2 m. The combination of different visible widths offers additional individual design possibilities.

PERFORATED SIDING – VERSATILE DESIGN OPTIONS

The perforated sidings are a versatile design element in the façade area. They offer different possible applications: whether for enclosures on flat roofs, privacy protection for staircases and multi-storey car parks or for covering window openings.



PREFA siding (vertical)



PREFA siding (horizontal)

NO MORE PAINTING OR TOUCHING UP REQUIRED

With aluminium-Sidings, there's no longer any need to carry out tedious repainting or touch-ups. The aluminium façade is weather-resistant and long-lasting. At the same time, the warm, wood-look colours of walnut brown, grey oak and natural oak ensure a natural appearance.



01 P.10 brown	02 P.10 anthracite	03 P.10 black	04 P.10 brick red	05 P.10 oxide red	06 P.10 moss green
07 P.10 light grey	10 P.10 PREFA white	11 P.10 nut brown	12 metallic silver	17 P.10 pure white	19 P.10 dark grey
20 smoke silver	23 black grey	28 P.10 Prefa bronze	38 walnut	39 grey oak	40 natural oak
42 P.10 sand brown	43 P.10 stone grey	45 bronze	47 patina grey		

TECHNICAL DATA — SIDING

- Material
coil-coated aluminium

smooth finish, stucco or lined
with or without a shadow gap
- Standard formats
138 × 0.7 mm
200 × 1.0 mm
300 × 1.2 mm
400 × 1.2 mm
500 × 1.5 mm
600 × 1.5 mm
- Weight
approx. 3.3 to 5.14 kg/m²
(depending on the visible width
and material thickness)
- Lengths
for visible widths 138 – 400 mm (22 mm profile depth):
500 – 2500 mm for all visible widths
(with PREFA joint)
500 – 6200 mm for all visible widths
(without PREFA joint)
for visible widths 500 – 600 mm (32 mm profile depth):
700 – 2500 mm for all visible widths
(with PREFA joint)
700 – 3500 mm for all visible widths
(without PREFA joint)
- Fastening
screwed to the aluminium, steel or timber supporting substrate
fasteners: 6 – 9 pcs/m²,
PREFA storm-proof clip required for 400 × 1.2 mm, 500 × 1.5 mm
und 600 × 1.5 mm

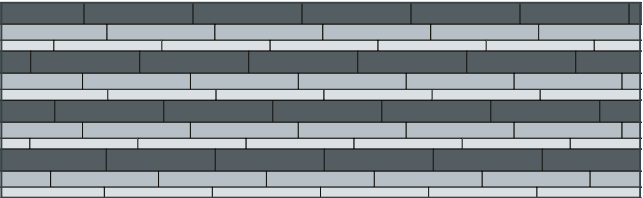
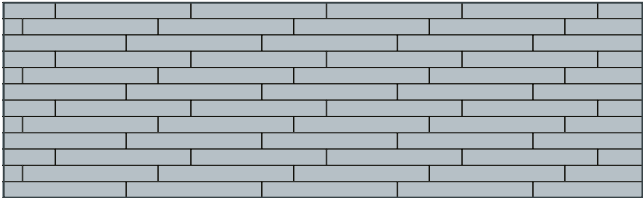
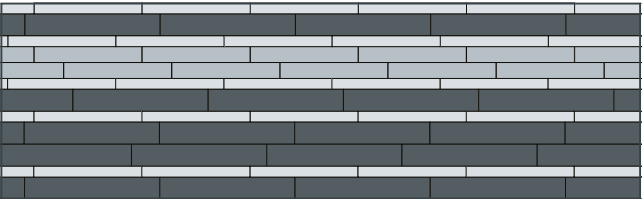


SIDING.X



Brilliant solutions that convince right across the board.

A new variant — the PREFA siding.X has now been added to the original PREFA siding model. Characterized by geometrical, crisscross patterns, the PREFA siding.X offers an even more distinctive and modern look. At the same time, excellent constructional and functional properties can be achieved. With the large selection of 19 standard colours, each building can either be completely immersed in the colour of your choice, or individual colour highlights can be created. Like the PREFA siding, the PREFA siding.X is also designed as a rainscreen and, in the overall system, which includes façade cladding, rainscreen support system, insulation and masonry, it ensures excellent thermal and sound insulation properties inside the building.



SIDING.X INSTALLATION DIAGRAMS

The siding.X is available in visible widths 138 mm, 200 mm, 300 mm and 400 mm, and can be installed horizontally, vertically and diagonally. By combining customizable lengths and different widths of the siding.X, you can design your façades as you wish. We have created four standard installation diagrams for you (see above). However, countless other variations are also possible (combinations of visible widths and lengths).



01 P.10 brown	02 P.10 anthracite	03 P.10 black	04 P.10 brick red	05 P.10 oxide red	06 P.10 moss green
07 P.10 light grey	10 P.10 PREFA white	11 P.10 nut brown	12 metallic silver	17 P.10 pure white	19 P.10 dark grey
20 smoke silver	23 black grey	28 P.10 Prefa bronze	42 P.10 sand brown	43 P.10 stone grey	45 bronze
47 patina grey					

TECHNICAL DATA — SIDING.X

- Material

coil-coated aluminium

smooth finish, with or without a shadow gap

➤ Standard formats

138 × 1.0 mm

200 × 1.0 mm

300 × 1.0 mm

400 × 1.0 mm

➤ Weight

approx. 3.3 to 4.6 kg/m² (depending on the visible width and material thickness)
- Lengths

500–2500 mm for all visible widths (with PREFA joint)

500–6200 mm for all visible widths (without PREFA joint)

➤ Fastening

screwed to the aluminium, steel or timber supporting sub-structure

fasteners: 6–9 pcs/m²

For the dimensions 300 × 1.0 mm and 400 × 1.0 mm, the PREFA storm-proof clip must be used



PREFABOND ALUMINIUM COMPOSITE PANEL



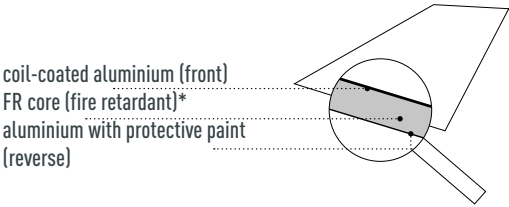
A modern, flat appearance even on small-scale projects

The PREFABOND aluminium composite panel is the ideal façade cladding not only for large areas, but also for small ones — it not only looks great but is also extremely durable thanks to a special combination of materials. The PREFABOND aluminium composite panel consists of two aluminium sheets which are fusion-bonded to both sides of a FR core.



ELEGANT, UNIFORM APPEARANCE

The PREFABOND panels can be fixed with screws or rivets and can also be bonded. This creates an elegant, uniform appearance even on small surfaces. Individual design possibilities result form a large selection of colours and the individual cutting sizes. The composite panels are ideal wherever small areas are required to make a big impression.



* A2 core on request

MILLING, DRILLING AND FOLDING — THE PREFABOND COMPOSITE PANEL PUTS UP WITH EVERYTHING

The PREFABOND aluminium composite panel is highly resistant to corrosion and weather, and boasts high deflection stiffness and shock resistance. It also offers a high degree of design freedom with all the advantages of rainscreens. The standard panel (with FR core) has an untrimmed dimension of 4010 × 1535 mm (usable format: 4000 × 1525 mm). Different formats can be cut from this depending on requirements. Versatile machining options such as milling, drilling and folding are also possible. And all of that with a minimum weight of just 7.6 kg/m².



02 P.10 anthracite	28 P.10 Prefa bronze
10 P.10 PREFA white	03 P.10 black
12 metallic silver	11 P.10 nut brown
19 P.10 dark grey	17 pure white 17 P.10 pure white
23 black grey	20 smoke silver
27 brushed aluminium	44 matt anthracite
45 bronze	47 patina grey

MOUNTING OPTIONS



RIVETING



SCREWING



ADHESIVE BONDING

PROCESSING OPTIONS



SAWING



DRILLING



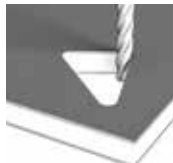
NOTCHING



V-GROOVE CUTTING



ENGRAVING MILLING



CONTOUR MILLING



PANEL BENDING

TECHNICAL DATA — PREFABOND ALUMINIUM COMPOSITE PANEL

→ Material coil-coated aluminium (front), FR core (fire retardant)*, aluminium with protective paint (reverse)	→ Weight 7.6 kg/m ²
→ Coating high-quality coil-coating finish Front: Duragloss® 5000 or P.10; reverse: protective paint	→ Fastening on timber supporting substrate: screwed down or glued on aluminium supporting sub-structure: riveted, screwed or glued according to static requirements
→ Dimensions 4010 × 1535 × 4.0 mm Usable format: 4000 × 1525 × 4.0 mm other formats and processing options (cutting, milling, drilling) possible	* A2 core on request



Product: serrated profile
Colour: bronze
Location: Värnamo (Sweden)
Architectural design: Fredblads Arkitekter
Installed by: Byggdialog



Product: ripple profile
Colour: anodized aluminium
Location: Leonding (Austria)
Architectural design: pba Architekten Palzelt Barth + Partner zt-gmbh
Installed by: Innocente GmbH

EXTRUDED PROFILES



Robust design on large façade areas

SERRATED PROFILE

The PREFA serrated profile is a modern façade profile made of extruded aluminium — the ideal combination of technology and architectural design. Due to the profile thickness of 2 mm, the profiles are extremely robust and break-proof, and can also be used to cover sensitive areas on the building, permanently and durably. Quick and easy mounting is possible in a horizontal, vertical or inclined position, without visible fasteners.



nut brown

UNIQUE DESIGN, INCLUDING ON LARGE AREAS

The serrations create a unique design with an interesting interplay of light and shadow. They are available powder-coated or uncoated (anodizable material). Individually cut to length and available in a wide range of colours with a powder-coated finish — the design possibilities are endless.



black

RIPPLE PROFILE

The PREFA ripple profile, made of 2 mm-thick strong extruded aluminium alloy, ensures the highest shape retention and superior weather-resistance even under extreme strain. The fine material structure and concealed fastening create an elegant appearance — the ideal material for architectural projects designed to last for generations.



EASY, TROUBLE-FREE INSTALLATION

The profiles are available in customizable lengths of up to 6.2 m and can be installed horizontally, vertically or diagonally. The range of accessories with starter, closing and corner profiles ensures easy, trouble-free installation. The ripple profile is available powder-coated or uncoated (anodizable material).



Claret

TECHNICAL DATA — EXTRUDED PROFILES

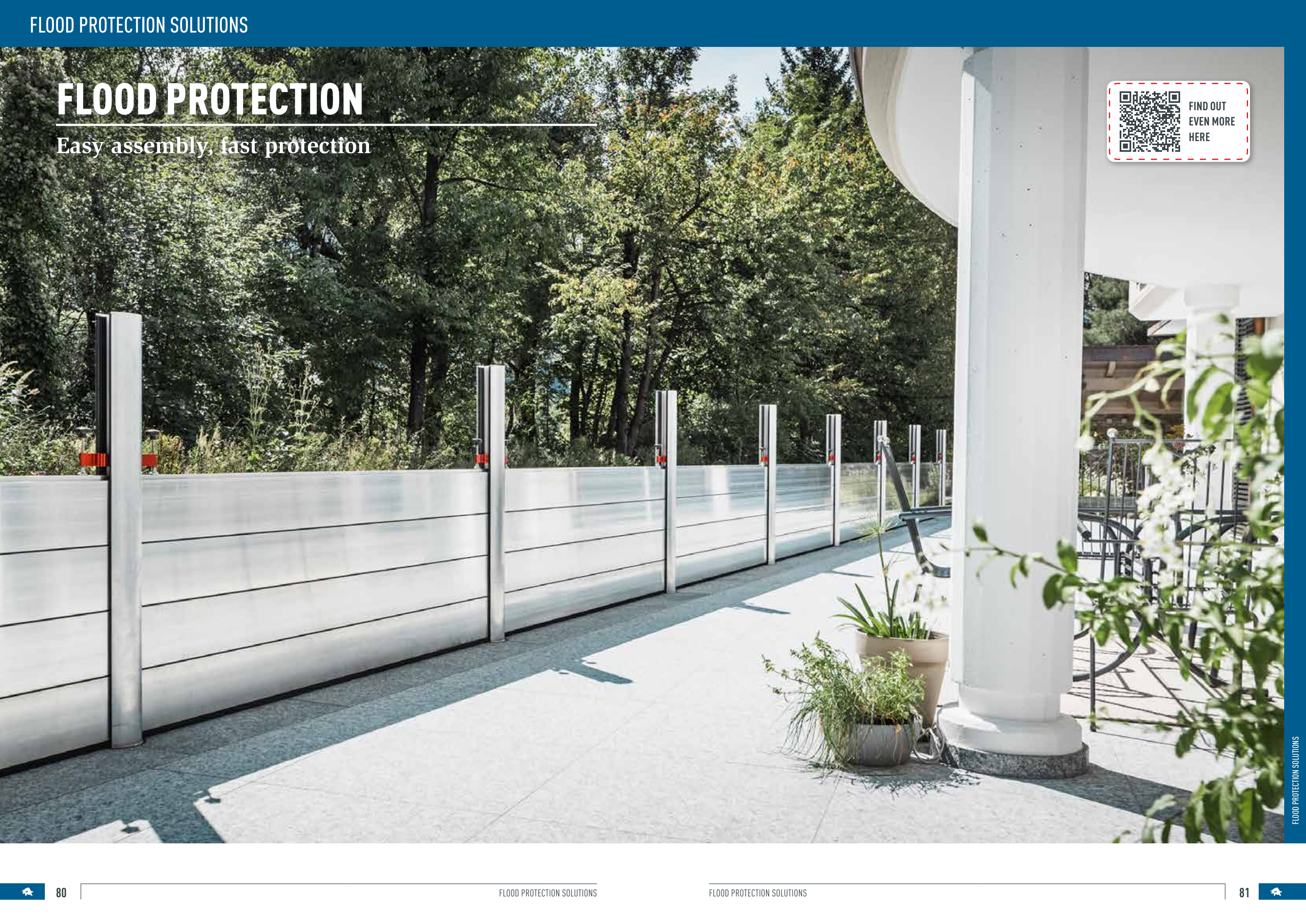
- Material
extruded aluminium alloy
- Dimensions (profile height/spacing/material thickness)
ripple profile: 10/47/2.00 mm; visible width: 140 mm
serrated profile: 22/40/2.00 mm; visible width: 200 mm
- Weight
ripple profile: 6.6 kg/m²
serrated profile: 7.5 kg/m²
- Standard fastening
with concealed screws and sliding clips according to static requirements
- Finish
uncoated (anodizable aluminium) or powder-coated
- Lengths
panel lengths in uncoated aluminium: up to max. 6200 mm
powder-coated panel lengths: up to max. 6,200 mm

FLOOD PROTECTION

Easy assembly, fast protection



FIND OUT
EVEN MORE
HERE





FLOOD PROTECTION



Easy assembly, fast protection

Sudden heavy or torrential rain creates large volumes of water that flow over roads and paths towards houses or garage entrances. Rivers and streams can also burst their banks. Floods, torrents of water and mudslides can quickly develop and flood entire residential areas. They leave behind damage to the building fabric due to moisture and contamination inside the building, in gardens and on terraces. The force of the water can unsettle houses, shake their structures and—if water and mud penetrate through doors and windows—render them completely uninhabitable.

KEEPING SAFE FROM PENETRATING FLOODS

Flood protection is a central issue particularly in regions at risk. In addition to special insurance policies which take effect in the event of damage or loss, structural measures can help prevent damage caused by storms. PREFA knows from its own experience how powerful a flood can be and the damage that can be

caused. That's why it has developed a semi-mobile flood protection system made of aluminium. Lightweight yet extremely robust aluminium profiles protect doors, gates, windows, garages and entire areas from penetrating flood water.



PREFA FLOOD PROTECTION SYSTEM — LIGHTWEIGHT, STRONG AND EASY TO INSTALL

The partly demountable flood barrier, made of strong aluminium barrier panels, is used to protect buildings and property. Aluminium is ideal for the job as it is break-proof, rust-free and weather-resistant, while at the same time, extremely lightweight. The flood barrier provides complete security as soon as the first panel is laid. As the level of water rises, the number of barrier panels can also be increased.

A SYSTEM THAT'S WELL-THOUGHT-OUT IN EVERY DETAIL

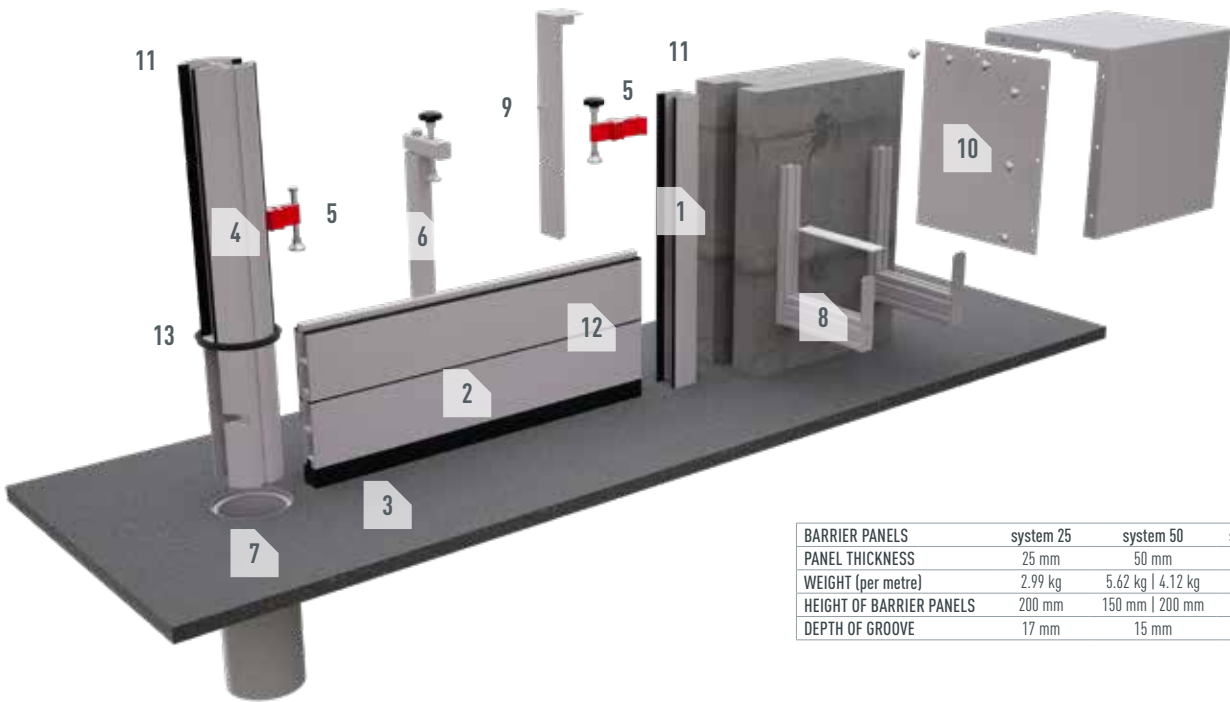
Barrier panels are pushed on both sides into the wall profiles. The barrier panels are joined with a tongue and groove system, whereby the profiles are sealed with special replaceable rubber seals and attached at the top with a compression clamp. The length of the flood barrier can be increased as necessary, or an existing safety barrier can be extended. The fixed wall profiles can be installed in three ways: in the reveal, flush in the reveal or in front of the reveal.

READY FOR USE AT ALL TIMES, AND VIRTUALLY INVISIBLE WHEN NOT IN USE

The extremely weather-resistant flood protection system can be mounted when needed and taken apart again, becoming virtually invisible. The permanently installed wall profiles can be colour-coordinated to match the design of your façade.

ADVANTAGES OF THE ROBUST PREFA FLOOD PROTECTION SYSTEM MADE OF ALUMINIUM

- Ready for use at all times
- Quick and easy assembly
- Lightweight
- Easy to store



BARRIER PANELS	system 25	system 50	system 80
PANEL THICKNESS	25 mm	50 mm	80 mm
WEIGHT (per metre)	2.99 kg	5.62 kg 4.12 kg	7.78 kg
HEIGHT OF BARRIER PANELS	200 mm	150 mm 200 mm	200 mm
DEPTH OF GROOVE	17 mm	15 mm	15 mm

- 1. wall profile**
Fixed to the main structure as U-profile as well as base profile, in front or behind the jam
- 2. barrier panels**
Illustrated here: the lowest barrier panel connected to the ground seal (no. 3)
- 3. ground seal**
Ensures sealing between the lowest barrier panel and the ground (ground seal or permanent ground seal)
- 4. Centre column (round profile)**
For longer barriers with multiple fields, these uprights can be used as intermediate columns.
- 5. Compression clamp**
For clamping the barrier panels in place
- 6. retainer**
Prevents vertical deflection of the barrier panels and increases pressure on the ground seal
- 7. ground sleeve**
Sleeve fixed in the ground with concrete for inserting the centre column
- 8. wall bracket**
For storing the barrier panels when not in use
- 9. Cover**
For covering the wall profiles when not in use
- 10. storage casing**
For covering the panels when stored outdoors
- 11. base profile seal**
Ensures sealing between the wall profile/centre column and the barrier panel
- 12. barrier panel seal**
Ensures sealing between the barrier panels
- 13. seal for cover and ground sleeve**
Ensures sealing between the centre column/ceiling and ground sleeve

RENOVATION

Lightweight PREFA products facilitate every renovation project.

Product: FX.12 roof panel, siding
Colour: P.10 anthracite, P.10 PREFA white
Location: Ludwigsstadt (Germany)
Installed by: Weber (Ludwigsstadt)

THE COMPLETE SYSTEM CONSISTING OF ROOF AND FAÇADE SYSTEMS AS WELL AS RAINWATER GOODS AND MUCH MORE

With its “all-round carefree package”, PREFA offers all the building components you need for a successful renovation. With over 5,000 different products, the complete system enables the perfect interaction between the roof, the roof drainage system, the façades and the solar panel supporting substrate—from covering and cladding elements to the widest variety of accessories. The high PREFA product quality and the longevity of the material, aluminium, gives planners, contractors and builders maximum reliability. PREFA even provides this in writing with a guarantee of up to 40 years on materials and colours*.



* The colour guarantee ensures that the P.10 painted surface is protected from chips and blistering under the terms specified in the guarantee certificate.

ROOF RENOVATION

PAGE 86



LIVING SPACE EXTENSIONS AND ATTIC CONVERSIONS

PAGE 90



FAÇADE RENOVATION

PAGE 92





Product: shingle, façade shingle
Colour: P.10 anthracite
Location: Zabnica (Slovenia)



Product: Rhomboid roof tile 29 x 29, Prefalz
Colour: P.10 anthracite
Location: Tönisvorst (Germany)
Installed by: Jens Thomsen Tönisvorst

ROOF RENOVATION

The covering is lightweight, the roof structure remains strong.

Broken shingles or roof tiles, inadequate thermal insulation — when your roof covering, supporting substrate or insulation no longer or only inadequately fulfils its function, it's time to start thinking about renovating your roof or installing a new covering in order to prevent consequential damage (e.g. water ingress). If cracks or damage to the roof membrane are already visible, renovation is essential to prevent further damage being caused to the building materials.

BEFORE



AFTER



BEFORE



AFTER



ROOF COVERING WITH EASE

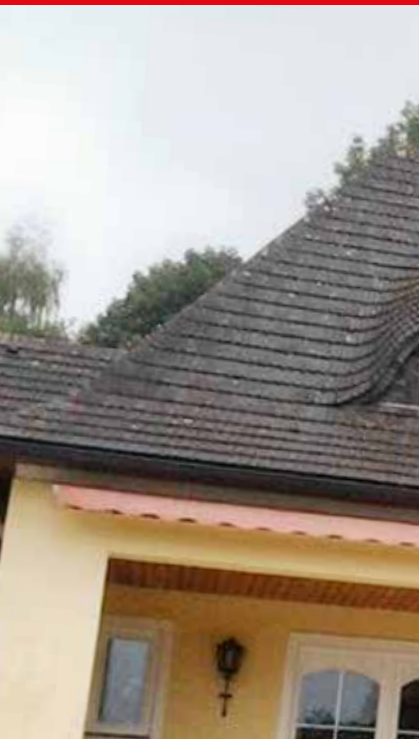
PREFA roof systems are optimally suited for renovation projects. The high-quality aluminium products are resistant, rust-free, storm-proof and, at the same time, extremely lightweight. Another major advantage is that a PREFA aluminium roof weighs only a fraction of a traditional tile roof. The reduced load considerably relieves, and therefore conserves, the roof structure. Ideally, existing roof structures do not need to be reinforced before new roofing is applied. However, the roof framework should definitely be checked by a qualified specialist during the course of every renovation.

RELIEVES THE BURDEN ON YOUR ROOF STRUCTURE — AND ON YOUR BUDGET

By way of comparison, an aluminium roof has a dead weight of only 2.3 to 2.6 kilograms per square metre. With an average roof surface of 200 square metres, the construction is several tonnes lighter than a conventional tiled roof — and lasts for decades to come. The lighter weight of the material also affects transport and labour: the material is optimally prepared by PREFA and is usually delivered by just one vehicle. That saves time and money.

Step by step advice for renovating your roof can be found at [UK.PREFA.COM/ROOF-RENOVATION](https://uk.prefa.com/roof-renovation)





BEFORE



AFTER

Product: roof shingle
Colour: P.10 anthracite
Location: Mattsee (Austria)
Installed by: Franz Wilhelm e.U. Spenglerai und Dachdeckerei



BEFORE



AFTER

FOR EVERY SHAPE OF ROOF, AND FOR ALL THE NOOKS AND CRANNIES

Regardless of the shape of your roof, aluminium offers great flexibility, both technically and visually, along with enormous creative scope. PREFA offers the right accessories not only for pitched roofs, but also for very low roof pitches. The fact that the material is so malleable and easy to work with also makes it possible to securely cover every nook and cranny, particularly in the case of old buildings. Uneven roof structures, as is often the case on old farmhouses, can also be optimally covered with a lightweight roof made of aluminium.



BEFORE

AFTER



PROFESSIONAL SUPPORT

Specialist knowledge and many years of experience are required to find the optimum solution for your own building, especially where renovations are concerned. Involving experts early on, already during the planning phase, saves a lot of time and money. Please note that for guarantee and quality reasons, every PREFA product may only be installed or mounted by experts preferably trained by PREFA.



ONLY THREE STEPS TO THE PREFA CRAFTSMAN QUOTE

A personal roof and façade quote can be obtained easily via a few steps on the PREFA website with the support of the customer service team. Up to three regional master craftsmen get in contact and prepare an individual quote. The appropriate quote can then be commissioned directly. This service is currently available in Germany, Austria and the Czech Republic and can be found at www.prefa.com/request-quote/.



Product: rhomboid roof tile 29 × 29
Colour: patina grey
Location: Silandro (Italy)
Installed by: Spenglerei Kind Gustav
building-related special solution



AFTER

CONVERSIONS AND EXPANSIONS

When more space is required.

Whether you need a playroom, an office or just more space to accommodate the relatives, an extension or attic conversion is the ideal solution for creating more living space. A professional conversion of an old building not only increases the value of the property but can also improve the building’s energy balance, for example, by insulating the attic during the conversion.

A UNIFORM, MODERN APPEARANCE

With the complete system of over 5,000 different products for your roof, façade and drainage system, PREFA offers everything you need to successfully extend your home. All the components match perfectly, giving your entire building a uniform, modern appearance from the driveway to the gables.

BEFORE



AFTER

Product: roof shingle
Colour: P.10 anthracite
Location: Vienna (Austria)
Installed by: Schibich Hermann GmbH



YOUR HOUSE WITH
THE PREFA LOOK
IN FOUR STEPS!
uk.prefa.com/photo-service

PREFA PHOTO SERVICE – FREE PHOTO MONTAGE

With the PREFA photo service, you can already get an idea, during the planning stage, of what your house would look like with a new roof or façade after the conversion. Simply fill in the form, upload up to two photos of the building, and you will be sent a photo montage within a few days—free-of-charge! You will find more information at UK.PREFA.COM/PHOTO-SERVICE.





AFTER

FAÇADE RENOVATION

Finally, a beautiful façade that will last for generations.

A façade renovation may either be desirable for aesthetic reasons or necessary for technical reasons. In the worst case scenario, your façade is already heavily damaged. Moisture can penetrate into the load-bearing masonry through broken brickwork or leaking areas. PREFA offers the optimum façade system with a long service life for countless renovation projects, and at the same time, it is virtually maintenance-free.

The material, aluminium, does not rust, is weather-resistant and can be very well processed by trained specialists. A wide range of different façade products is available — from shingles, rhomboid tiles and FX.12 panels to the stylish siding and siding.X elements. All products are available in numerous shades and offer individual design possibilities. Whether completely traditional or highly modern, your building shell can be designed according to your own individual preferences.

BEFORE



AFTER



ALUMINIUM FAÇADE WITH A VENTILATED CAVITY

The structural element on which the exterior cladding is installed is based on the tried and tested rainscreen system, recommended by many experts as the optimum solution. The ventilated system ensures that moist air is removed by a constant flow of air through the ventilation cavity, between the thermally-insulated supporting structure and the façade cladding. The system is also recommended from an ecological point of view: the aluminium elements can be dismantled and the individual components can be recycled separately.





SUITABLE FOR SMALL AND LARGE APPLICATIONS!

Reliable weather protection

Façade products made from aluminium are ideal for protecting the side of a building that faces the direction of the prevailing weather from rain and storms. Often, it is not necessary to replace the entire building shell but instead, in some cases, it can be enough just to repair smaller areas. Long-lasting, low-maintenance façade solutions are particularly in demand for small-scale applications on the gables, for overhanging eaves, the underside of eaves or the base.

INDIVIDUAL DESIGN POSSIBILITIES

A wide range of different roof and façade products is available. Whether completely traditional or highly modern, your building shell can be designed in numerous different shades according to your own individual preferences. Thanks to the technically coordinated complete system for your roof, façade and drainage system, all components mesh together perfectly.



RANGE OF IMITATION WOOD COLOURS

Wooden façade designs are very popular, but you don't necessarily need wood to get that wooden look! PREFA has developed a very special wood appearance for its sidings, combining the qualitative advantages of aluminium with the traditional design of a wooden façade. To achieve the most realistic wooden appearance possible, the elements should be provided with a shadow gap. On gable cladding, wood-look sidings are often installed vertically with a shadow gap, although, of course, this depends on the region and the building owner's taste. Sidings are also ideal for achieving perfectly colour-coordinated, low-maintenance soffits. And the added advantage is that, unlike "real" wooden façades, painting is no longer necessary. The sidings are available in the colours walnut, grey oak and natural oak.



38 walnut



39 grey oak



40 natural oak

EXTREME CONDITIONS

PREFA shows what it is capable of—everywhere.

Product: PREFALZ
Colour: P10 black
Location: Aise (Italy)
Building: Bivacco Claudio Bredy
Architectural design: BCW Collective
Installed by: Chenevier spa



With PREFA’s aluminium roof and façade products, you can be sure that your building is completely protected. The proven systems withstand snow, storms and bad weather. Where traditional roofs or façades frequently fail, a PREFA roof remains naturally steadfast.

EXTREME WEATHER CONDITIONS

PAGE 98



COMPLETELY PROTECTED

PAGE 99



SAFETY IN HIGH SNOW LOADS

PAGE 100



MAXIMUM STORM PROTECTION

PAGE 101





Product: FX.12 roof and façade panel
Colour: P.10 stone grey
Location: La Grave (France)
Architectural design: Atelier 17 C – Architectes
Installed by: Albinis

EXTREME WEATHER CONDITIONS

PREFA remains strong — in all weathers!

In recent years, bad weather such as thunderstorms and torrential rain has become increasingly drastic. Global warming is certainly leaving its mark. Warmer air can absorb more water vapour than colder air, which results in greater precipitation. This results in hail, gale-force winds, torrential rain and flooding.



Product: PREFALZ
Colour: P.10 stone grey
Location: Zermatt (Switzerland)
Architectural design: Arnold Perren Zurniwen GmbH
Installed by: Spengler & Arnold AG

FLOODS, LANDSLIDES AND AVALANCHES

Floods, landslides, mudslides and avalanches can all occur as a result of a storm. The mountainous regions in Austria, Switzerland and Southern Germany are particularly affected due to the steep gradients there. However, in lowlands too, rivers, streams and lakes can overflow their banks. Experts also estimate heavier snowfall in the next 20 to 30 years, as precipitation is also increasing in the winter.

ALUMINIUM IS BREAK-PROOF AND RELIABLE

It is not only PREFA's roof products, but also its façade products that are weatherproof, break-proof and reliable, even in extreme conditions. The reason for this lies in the particularly good material properties and durability of aluminium. Not even heavy rain-fall, heavy snow loads or extreme temperature fluctuations pose a problem for PREFA aluminium roofs and façades.



Product: FX.12 roof and façade panel
Colour: P.10 stone grey
Location: Ramsau (Austria)
Architectural design: Dreipius Architekten
Installed by: Grossi Dach

COMPLETELY PROTECTED

A perfectly coordinated complete system

With PREFA's aluminium complete system made up of more than 5,000 products, you can be sure that your building is completely protected. Sophisticated technical detailed solutions enable the perfect interaction between the different components while a wide range of colours, formats and surfaces offers endless design possibilities.

OUR PROMISE: 40-YEAR GUARANTEE

A promise that we even give you in writing and that your grandchildren will still be grateful for in years to come. PREFA provides a 40-year guarantee on the material and also on the colour for the P.10 surface. This provides you with optimum protection against frost damage, rust, breakage, chips and blistering. Another important point: PREFA roof systems are installed exclusively by trained professionals in order to ensure complete safety.

QUALITY COLOUR-COATING

The special coating layers which are applied in the coil coating process are malleable and highly resistant to temperatures and weathering. Even if small areas get damaged, bare aluminium reacts with oxygen in the air to form a natural oxide layer. Thanks to its natural "second skin", PREFA products are guaranteed to remain rust-free.





SAFETY IN HIGH SNOW LOADS

With the right system for every roof

Due to its low dead weight, a PREFA aluminium roof is the ideal roof covering in snowy conditions. The weight of snow is often underestimated. Just 20 centimetres of snowfall is enough to load a roof with a weight of several tonnes. However, snow drifts, which only load the roof on one side, can also compromise the building's entire structural safety. The snow load, which is specific to the location or commonly accepted for the type of building, should already be calculated by a trained craftsman or structural engineer during the roof structure planning phase, and taken into account in the design.

PREVENTING SNOW FROM SLIDING OFF THE ROOF

Measures to prevent snow from sliding off the roof, which can endanger people passing by, should also be borne in mind. In principle, the owner of the building is liable for any damage caused by snow sliding off the roof. Possible danger can be reduced by attaching appropriate protective devices (snow brackets, snow guards).



MAXIMUM STORM PROTECTION

Secure fastening even in exposed positions

Ripped off roofs, destroyed façades and fallen trees — depending on its strength, a storm can cause major damage to a building and its surroundings. When wind speeds exceed around 75 km/h, this is referred to as a storm. It's not only major damage such as a roof being ripped off in a storm, but also other damage such as a leaking roof and damaged tiles that can wreak havoc on a home. The resulting costs can be high.

PARTICULARLY EXPOSED AREAS

In high-risk regions, the installation can be adapted to special requirements by taking additional measures. In exposed areas, the number of fasteners is increased if necessary and the type of fastening (nails or screws) is adapted to the wind load.



Fastening with PREFA patent clips

UNIQUE FASTENING TYPES

PREFA's small-format roof and façade products owe their high storm-resistance to the well thought-out, concealed fastening types as well as to the flat lock installation system. The elements are either attached directly to the integrated fastening strip or fixed to the fully boarded substrate with clips. This means that a PREFA roof or façade can withstand even high wind speeds.



THE RAINSCREEN — A BRIEF EXPLANATION

It’s not without good reason that the façade cladding system known as the “rainscreen” or “ventilated façade” has been used for centuries in harsh climates.

A characteristic feature of the rainscreen is the optimal separation of the weatherproof outer layer and the insulated supporting structure.

Any moisture is channelled through this cavity, ensuring a comfortable indoor climate.

Further major advantages of the rainscreen system are the virtually limitless creative freedom that it offers, and the particularly long service life that it brings to façades.

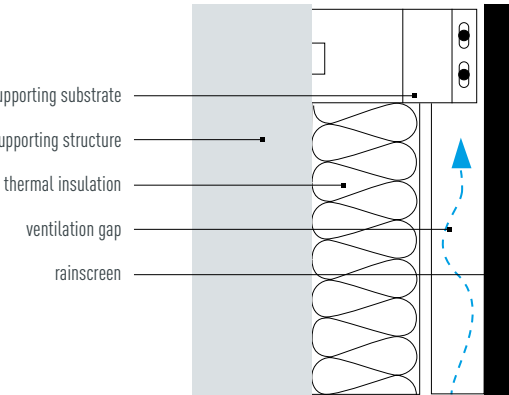
HOW THE RAINSCREEN CLADDING SYSTEM WORKS

Basically, the rainscreen cladding system consists of four components: the supporting structure, thermal insulation, the supporting substrate and the rainscreen itself.

The thermal insulation reduces heat flow from the inside to the outside and vice versa, while also acting as sound insulation. In addition, the thermal insulation, which is generally made of mineral materials, varies in thickness (depending on the thermal performance to be achieved), and is protected from external weather conditions.

The supporting substrate forms the connection between the supporting structure and the façade cladding. A metal supporting substrate makes it possible to compensate for any unevenness in the supporting structure in a way which is free of stress and in the long term.

The rainscreen cladding system serves, on the one hand, to protect the supporting structure from the rain and weather, and, on the other, as a design element on new builds and renovated properties.

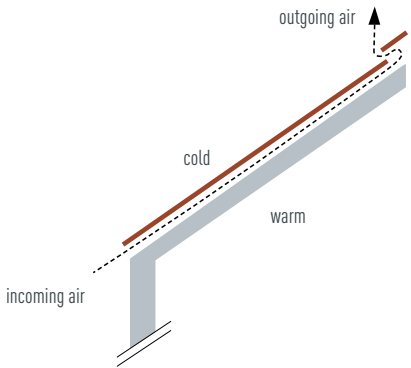


ROOF BUILD UPS

ALUMINIUM ROOFS WITH A VENTILATED SUPPORTING SUBSTRATE

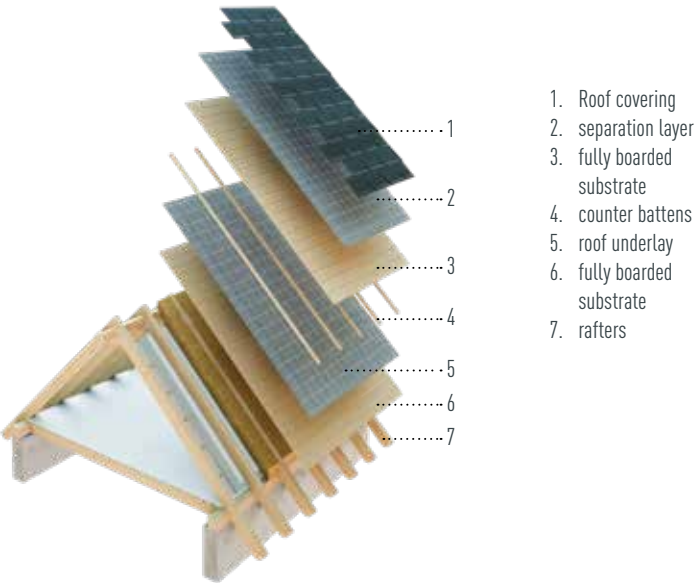
Ventilated roof structures have been used for many decades and have proven themselves in all climatic conditions. That’s why PREFA recommends constructing aluminium roofs with a ventilated supporting substrate. The roof covering and thermal insulation layers are separated by a ventilated gap. The advantage of this is that any moisture that may occur, e.g. due to condensation or moisture caused by occupancy diffusing from the interior rooms, is removed again. In principle, the roof covering is ventilated (see figure 1). However, the entire attic can be ventilated too (see figure 2).

Figure 1



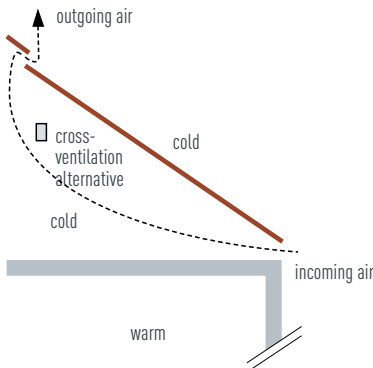
ATTIC CAN ALSO BE USED AS LIVING SPACE

Compared to a single-skin roof structure, a ventilated channel is added to the double-skin roof structure (counter battens). This makes it possible to also thermally insulate between the rafters (straightforward creation of an attic extension at a later stage).



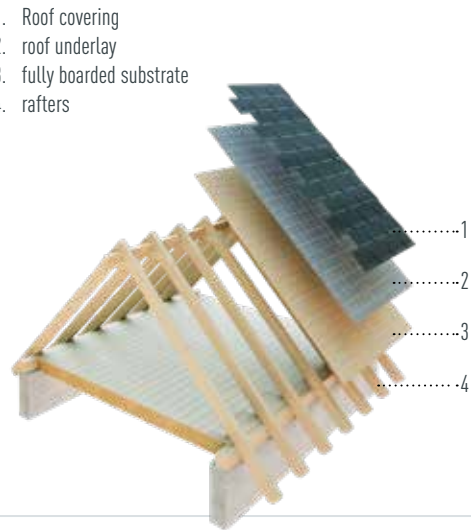
- The roof structure must be designed according to building physics criteria (e.g. thermal insulation, airflow).
- The arrangement and dimensioning of the air inlet and outlet vents must be planned and implemented according to building physics requirements.
- Non-ventilated structures should be designed as a special solution and planned separately.
- The need and requirements for the underlay according to national standards and specialist guidelines must be taken into account.

Figure 2

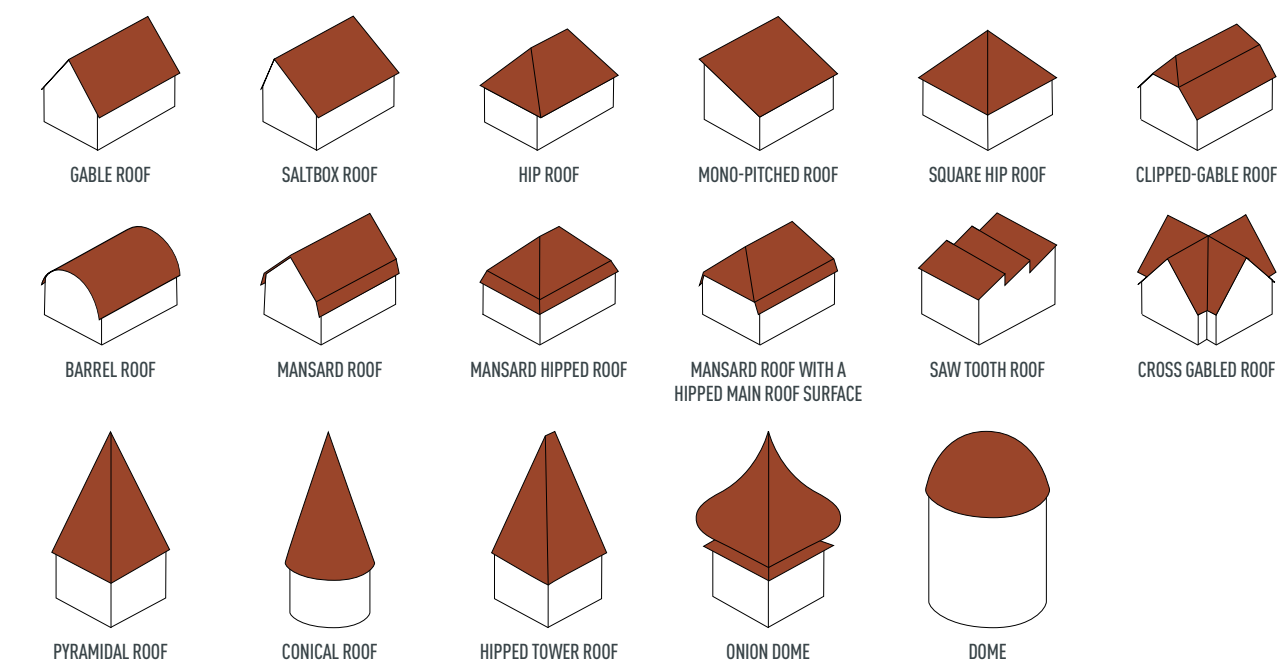


THE ATTIC IS NOT USED AS LIVING SPACE

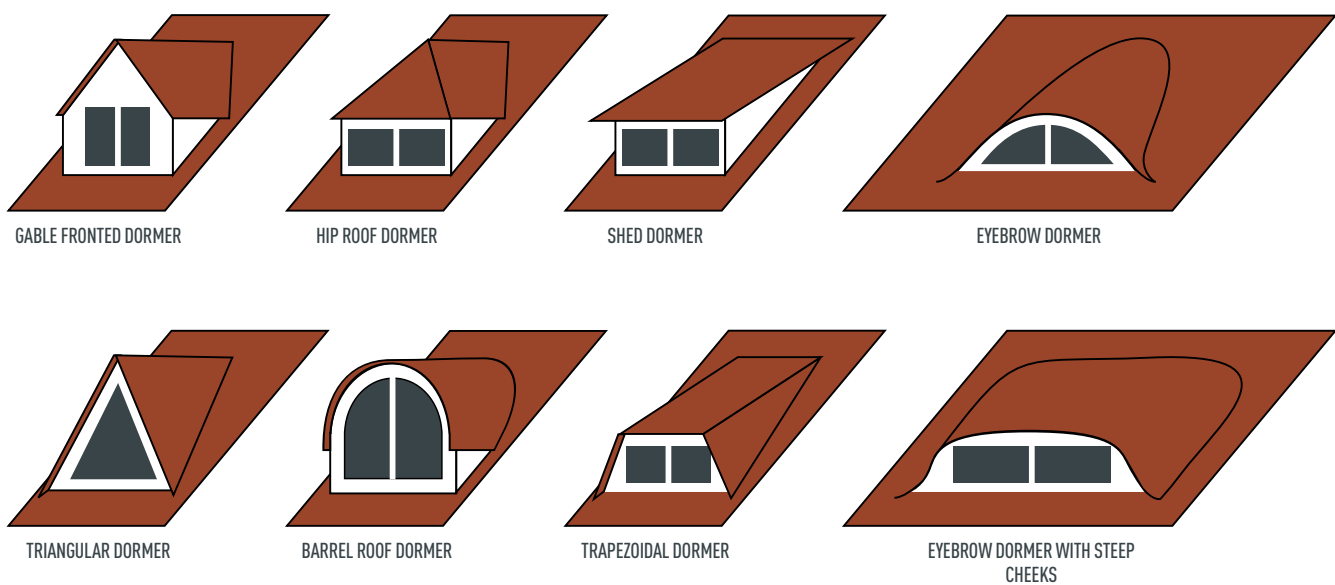
With this type of roof structure, the attic ceiling must be thermally insulated (complicated creation of an attic extension at a later stage).



ROOF SHAPES











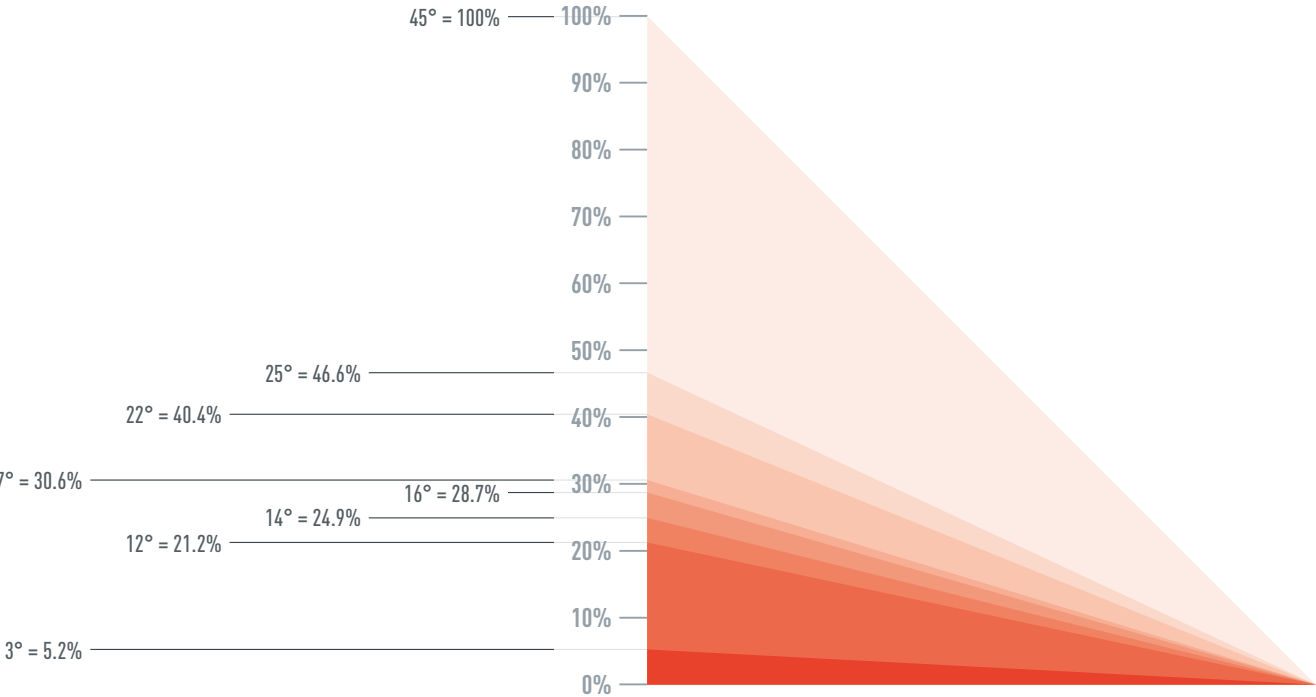
DORMER SHAPES



ROOF PITCH

MINIMUM ROOF PITCH

		≥ 3°	≥ 12°	≥ 14°	≥ 16°	≥ 17°	≥ 22°	≥ 25°
ROOF TILE			rafter length: < 7 m					
			rafter length: 7–12 m					
			rafter length: > 12 m					
R.16 ROOF TILE						Up to 25°: only with a bituminous separation layer		
ROOF SHINGLE								
DS.19 ROOF SHINGLE						Up to 25°: only with a bituminous separation layer		
RHOMBOID ROOF TILE 29 × 29								
RHOMBOID ROOF TILE 44 × 44			rafter length: < 7 m					
			rafter length: 7–12 m					
			rafter length: > 12 m					
FX.12 ROOF PANEL						Up to 25°: only with a bituminous separation layer		
PREFALZ		Restrictions and deviations according to national standards and specialist guidelines and PREFALZ's installation instructions must be taken into account.						





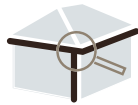
ROOF
SMALL FORMAT PRODUCTS

		~ RAL							
			Roof tile	R.16 roof tile	FX.12 roof panel	Rhomboid roof tile 29 × 29	Rhomboid roof tile 44 × 44	Roof shingle	DS.19 roof shingle
01	P.10 brown	7013	•	•	•	•	•	•	•
02	P.10 anthracite	7016	•	•	•	•	•	•	•
03	P.10 black	9005	•	•	•	•	•	•	•
04	P.10 brick red	8004	•	•	•	•	•	•	•
05	P.10 oxide red	3009	•	•	•	•	•	•	•
06	P.10 moss green	6005	•	•	•	•	•	•	•
07	P.10 light grey	7005	•	•	•	•	•	•	•
11	P.10 nut brown	8019	•	•	•	•	•	•	•
19	P.10 dark grey	7043	•	•	•	•	•	•	•
28	P.10 prefa bronze ³	7048	•	•	•	•	•	•	•
43	P.10 stone grey ¹	7031	•	•	•	•	•	•	•




PREFALZ

		~ RAL							
			0.7 × 500 mm	0.7 × 650 mm	0.7 × 1,000 mm				
01	P.10 brown	7013	•	•	•				
02	P.10 anthracite	7016	•	•	•				
03	P.10 black	9005	•	•	•				
04	P.10 brick red	8004	•	•	•				
05	P.10 oxide red	3009	•	•	•				
06	P.10 moss green	6005	•	•	•				
07	P.10 light grey	7005	•	•	•				
08	P.10 zinc grey	7030	•	•	•				
10	P.10 PREFA white	9002	•	•	•				
11	P.10 nut brown	8019	•	•	•				
12	metallic silver ³	9006	•	•	•				
13	plain aluminium ¹¹²	—	•	•	•				
17	P.10 pure white	9010	•	•	•				
19	P.10 dark grey	7043	•	•	•				
23	black grey	7022	•	•	•				
28	P.10 prefa bronze ³	7048	•	•	•				
43	P.10 stone grey ¹	7031	•	•	•				
45	bronze ³	7048	•	•	•				
46	P.10 patina green ¹	6027	•	•	•				
47	patina grey ¹	7042	•	•	•				



GUTTER ROOF
DRAINAGE



GUTTER ROOF DRAINAGE

		~ RAL	~	~	~	~	~	~	~	✓	○	○	○	○	□
			Half-round gutter 250 280	Half-round gutter 333	Half-round gutter 400	Box gutter 250	Box gutter 333	Box gutter 400	Box gutter 500	On-roof gutter	Downpipe 80 120	Downpipe 60	Downpipe 100	Downpipe 150	Square downpipe 80 100*
01	P.10 brown	7013	•	•	•	•	•	•		•	•	•	•	•	•
02	P.10 anthracite	7016	•	•	•	•	•	•		•	•	•	•	•	•
03	P.10 black	9005	•	•	•	•	•	•		•	•	•	•	•	•
04	brick red	8004	•	•		•	•	•		•	•		•	•	•
05	oxide red	3009	•	•		•	•	•		•	•		•	•	•
06	moss green	6005	•	•	•		•	•		•			•		
07	P.10 light grey	7005	•	•	•	•	•	•		•	•	•	•	•	•
08	zinc grey	7030	•	•		•	•			•	•		•		
10	P.10 PREFA white	9002	•	•	•	•	•	•		•	•	•	•	•	•
11	P.10 nut brown	8019	•	•		•	•	•		•	•	•	•	•	•
12	metallic silver ³	9006	•	•	•	•	•	•					•		•
13	plain aluminium ¹¹²	—	•	•	•	•	•	•	•	•	•	•	•	•	•
19	P.10 dark grey	7043	•	•	•	•	•	•		•	•	•	•	•	•
47	patina grey ¹	7042		•			•							•	

* The PREFA square downpipe is kept in stock as standard in the P.10 colours brown, anthracite and light grey. It is also available to order in the colours P.10 black, P.10 PREFA white, P.10 nut brown, P.10 dark grey and in all other RAL colours. Please allow for delivery times and a surcharge.



FAÇADE
SIDING | SIDING.X
PERFORATED SIDING

		~ RAL											
			Siding 138 mm × 0.7 mm	Siding 200 mm × 1.0 mm	Siding 300 400 mm × 1.2 mm	Siding 500 600 mm × 1.5 mm	Siding.X 138 200 mm × 1.0 mm	Siding.X 300 400 mm × 1.0 mm	Perforated sidings 138 mm × 1.0 mm	Perforated sidings 200 mm × 1.0 mm	Perforated sidings 300 400 mm × 1.2 mm		
01	P.10 brown	7013	•	•	•	•	•	•	•	•	•	•	•
02	P.10 anthracite	7016	•	•	•	•	•	•	•	•	•	•	•
03	P.10 black	9005	•	•	•	•	•	•	•	•	•	•	•
04	P.10 brick red	8004	•	•	•	•	•	•	•	•	•	•	•
05	P.10 oxide red	3009	•	•	•	•	•	•	•	•	•	•	•
06	P.10 moss green	6005	•	•	•	•	•	•	•	•	•	•	•
07	P.10 light grey	7005	•	•	•	•	•	•	•	•	•	•	•
10	P.10 PREFA white	9002	•	•	•	•	•	•	•	•	•	•	•
11	P.10 nut brown	8019	•	•	•	•	•	•	•	•	•	•	•
12	metallic silver ³	9006	•	•	•	•	•	•	•	•	•	•	•
17	P.10 pure white	9010	•	•	•	•	•	•	•	•	•	•	•
19	P.10 dark grey	7043	•	•	•	•	•	•	•	•	•	•	•
20	smoke silver ³	9007	•	•	•	•	•	•	•	•	•	•	•
23	black grey	7022	•	•	•	•	•	•	•	•	•	•	•
28	P.10 prefa bronze ³	7048	•	•	•	•	•	•	•	•	•	•	•
38	walnut ¹	8025	•	•	•	•	•	•	•	•	•	•	•
39	grey oak ¹	7032	•	•	•	•	•	•	•	•	•	•	•
40	natural oak ¹	1011	•	•	•	•	•	•	•	•	•	•	•
42	P.10 sand brown ¹	1019	•	•	•	•	•	•	•	•	•	•	•
43	P.10 stone grey ¹	7031	•	•	•	•	•	•	•	•	•	•	•
45	bronze ³	7048	•	•	•	•	•	•	•	•	•	•	•
47	patina grey ¹	7042	•	•	•	•	•	•	•	•	•	•	•

NOTE

GENERAL INFORMATION

- ¹ The colours P.10 stone grey, P.10 sand brown, P.10 patina green, natural oak, patina grey, walnut, grey oak, brushed aluminium and plain aluminium are based on natural colours and therefore vary slightly in shade, giving the product its distinctive character.
- ² The guarantee does not cover surface appearance alterations caused by processing and environmental influences. Follow the instructions.
- ³ The metallic colours may exhibit colour variations.

CAUTION!

- The RAL numbers indicated are only approximations (↗) and may, in some cases, differ greatly from the original PREFA colour. They may not be a true reflection of the subjective perception of colour.
 - Particularly with the P.10 paint quality, it is difficult to precisely define the number due to the nature of the surface structure. In addition, the colours P.10 stone grey, P.10 sand brown, P.10 patina green, P.10 prefa bronze, natural oak, patina grey, walnut and grey oak are based on natural colours made up of several different shades.
- Therefore, we recommend obtaining original samples so that you can gain an idea of the exact colours of complementary components.



FAÇADE
SMALL FORMAT PRODUCTS

		~ RAL							
			FX.12 façade panel	Rhomboid façade tile 29 × 29 44 × 44	Rhomboid façade tile 20 × 20	Facade shingle			
01	P.10 brown	7013	•	•	•	•	•	•	•
02	P.10 anthracite	7016	•	•	•	•	•	•	•
03	P.10 black	9005	•	•	•	•	•	•	•
04	P.10 brick red	8004	•	•	•	•	•	•	•
05	P.10 oxide red	3009	•	•	•	•	•	•	•
06	P.10 moss green	6005	•	•	•	•	•	•	•
07	P.10 light grey	7005	•	•	•	•	•	•	•
08	P.10 zinc grey	7030	•	•	•	•	•	•	•
10	P.10 PREFA white	9002	•	•	•	•	•	•	•
11	P.10 nut brown	8019	•	•	•	•	•	•	•
12	metallic silver ³	9006	•	•	•	•	•	•	•
19	P.10 dark grey	7043	•	•	•	•	•	•	•
28	P.10 prefa bronze ³	7048	•	•	•	•	•	•	•
42	P.10 sand brown ¹	1019	•	•	•	•	•	•	•
43	P.10 stone grey ¹	7031	•	•	•	•	•	•	•














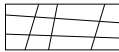



FOR AN EASIER OVERVIEW, ALL NEW COLOURS
FOR 2025 ARE INDICATED WITH 🚧



PREFABOND
WITH FR CORE (FIRE RETARDANT)

		~ RAL							
			4,010 × 1,535 × 4 mm						
02	P.10 anthracite	7016	•						
03	P.10 black	9005	•						
10	P.10 PREFA white	9002	•						
11	P.10 nut brown	8019	•						
12	metallic silver ³	9006	•						
17	pure white	9010	•						
17	P.10 pure white	9010	•						
19	P.10 dark grey	7043	•						
20	smoke silver ³	9007	•						
23	black grey	7022	•						
27	brushed aluminium ¹¹²	—	•						
28	P.10 prefa bronze ³	7048	•						
44	matt anthracite	7016	•						
45	bronze ³	7048	•						
47	patina grey ¹	7042	•						

PREFA PRODUCT RANGE – ROOF AND FAÇADE

ROOF TILE		
600 × 420 mm in installed area		
R.16 ROOF TILE		
700 × 420 mm in installed area		
DS.19 ROOF SHINGLE		
480 × 262 mm in installed area		
ROOF AND FAÇADE SHINGLE		
420 × 240 mm in installed area		
RHOMBOID ROOF AND FAÇADE TILE		
44 × 44: 437 × 437 mm in installed area	 	
29 × 29: 290 × 290 mm in installed area		
RHOMBOID FAÇADE TILE 20 × 20:		
200 × 200 mm in installed area		
FX.12 ROOF AND FAÇADE PANEL		
700 × 420 mm in installed area	 	
1400 × 420 mm in installed area		
PREFALZ	FALZONAL®	
For roofs: 0.7 × 500 mm; 0.7 × 650 mm For façades: 0.7 × 500 mm Complementary coil: 0.7 × 1000 mm	0.7 × 600 mm Complementary coil: 0.7 × 1,200 mm	
		



PREFA PRODUCT RANGE – FAÇADE

SIDING

138 × 0.7 mm
200 × 1.0 mm
300 × 1.2 mm
400 × 1.2 mm
500 × 1.5 mm
600 × 1.5 mm

SIDING PERFORATED

138 × 1.0 mm
200 × 1.0 mm
300 × 1.2 mm
400 × 1.2 mm

SIDING.X

138 × 1.0 mm
200 × 1.0 mm
300 × 1.0 mm
400 × 1.0 mm

PREFABOND ALUMINIUM COMPOSITE PANEL

4010 × 1535 × 4.0 mm

EXTRUDED PROFILES

Ripple profile 10/47/2.0 mm
Serrated profile 22/40/2.0 mm

OTHER PREFA PRODUCT RANGES

ROOF DRAINAGE

Half-round gutter 250 | 280 | 333 | 400 mm
Box gutter 250 | 333 | 400 | 500 mm
Edge gutter 700 × 1.0 mm
Square downpipe 80 × 80 mm | 100 × 100 mm
Downpipeø 60 | ø 80 | ø 100 | ø 120 | ø 150 mm

PREFA SOLAR

SOLAR PANEL PREFALZ

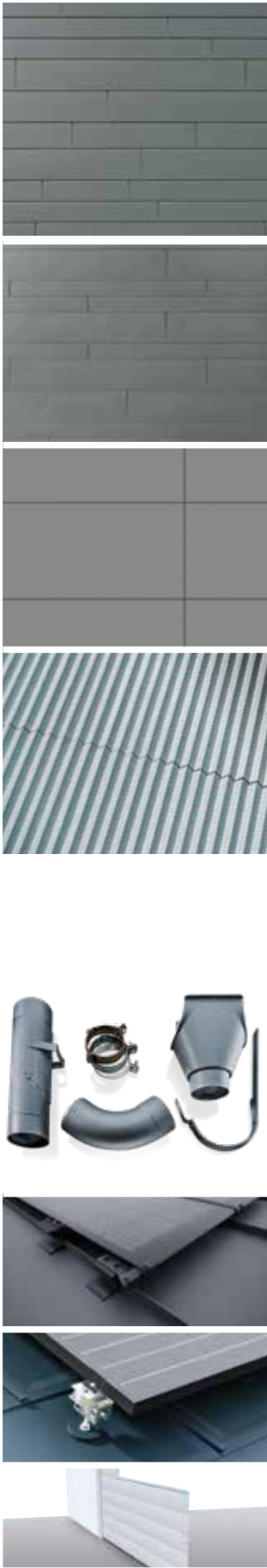
Solar panel PREFALZ 500 (2,000 × 408 mm)
Solar panel PREFALZ 650 (2,000 × 558 mm)

SOLAR PANEL MOUNTING SYSTEM

Supporting rails and accessories for solar panel systems

FLOOD PROTECTION SOLUTIONS

Property and perimeter protection







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- Guarantee of up to 40 years on materials and colours*
- Personal, all-round service at every stage

LET'S TALK ABOUT IT.



LEGAL NOTICE

Subject to technical modifications and printing errors.
Photos: PREFA | Croce & Wir | Marion Lafogler | Werner Jäger
Printed colours may vary from the original material.
01.2025 | V1 | MF
Manufacturer: Gutenberg | 4020 Linz (Österreich)

* Information about the performance, material and colour guarantee can be found at: uk.prefa.com/guarantee

WWW.PREFA.COM