PREFA

THE ROOF
STRONG LIKE A BULL!

ALUMINIUM FAÇADE SYSTEMS

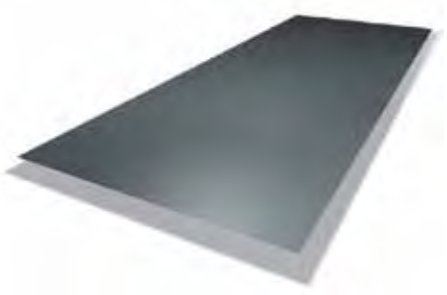
COVER IMAGE
Example: PREFA Prefalz
Architect: yes-Architekten
Country: Austria

CONTENTS

PREFA REYNOBOND THE FLEXIBLE BONDED TILE FOR MODERN DESIGN

Where would contemporary architecture be without it? – PREFA Reynobond, the sandwich element consisting of two 0.5 mm thick stove-enamelled aluminium tiles and a 3 mm polyethylene core. Whether for interior design, façade design, new building or old building renovation - the options for use are almost unlimited. The advantages of Reynobond are best displayed in large-scale projects that set high requirements for evenness and rigidity.

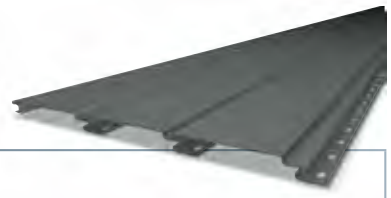
TECHNICAL DATA FOR PREFA REYNOBOND
Material: aluminium with LDPE polyethylene core, with protective film
Fixing: screws, rivets or adhesive
Coating: high-quality two-layer stove enamelling Front: Duragloss 5000
Dimensions: 4,010 x 1,500 x 4.0 mm (special sizes possible)
Weight: 5.5 kg/m2



Example: PREFA Reynobond
Architect: X-Architekten, Linz
Country: Austria

PREFA SIDINGS
INTELLIGENT ELEMENTS FOR STRONG FAÇADES

Create imaginative façade dreams with PREFA sidings. Their versatile design configurations with variable widths, with or without shadow gap; the surface look smooth, stucco or lined; the wide range of colours - all result in unlimited options for creating individual, long-lasting aluminium façade solutions. Be it building renovation or new buildings – you can be sure of intelligent façade solutions with PREFA façade sidings!



TECHNICAL DATA FOR PREFA SIDINGS
Material: colour-coated aluminium alloy, surface: smooth, stucco or lined, with optional shadow gap
Fixing: screws or rivets
Coating: high-quality two-layer stove enamelling or powder-coated
Standard formats: 138 x 0.7 mm, 200 x 1.0 mm, 300 x 1.2 mm
Length: 500 – 6,200 mm
Weight: approx. 3.30 to 4.30 kg/m²

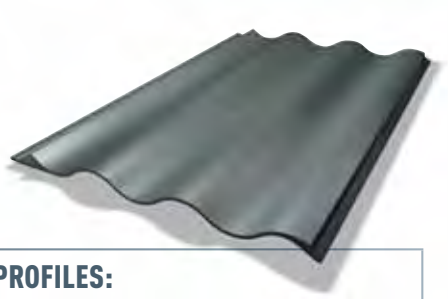
Object: Interstuhl
Example: PREFA sidings
Architect: Sobek, Stuttgart
Country: Germany

Example: PREFA profile shaft
Architect: Glohe 3, Budapest
Country: Hungary

Example: PREFA shell profile,
natural anodised aluminium
Architect: Leidig
Country: Austria

PREFA PROFILE SHAFT

Where bold architectural ideas are required, the material to implement them is already here: PREFA profile shafts made from 2 mm thick, extruded aluminium alloy for maximum form stability and resistance even under the most extreme stress. The concealed fixings, fine material structure and elegant appearance make extruded profiles the ideal material for architectural projects that need to last for many generations.

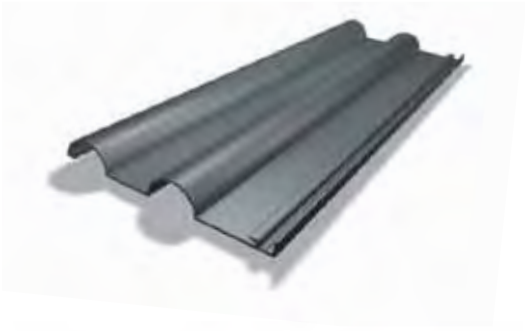


TECHNICAL DATA FOR PREFA EXTRUDED PROFILES:
Material: extruded aluminium alloy, including extensive accessories
Fixing: concealed screws, rivets
Surface: blank, powder-coated or natural anodised
Dimensions: (profile height x spacing x material thickness) Profile shaft: 10 / 47 / 2.00 mm, width 140 mm Shell profile: 19 / 70 / 2.00 mm, width 140 mm Zig-zag profile: 22 / 40 / 2.00 mm, width 200 mm
Weight: Profile shaft: 6.62 kg/m2 / shell profile: 7.65 kg/m2 / zig-zag profile: 7.5 kg/m2

PREFA EXTRUDED PROFILE EXTREMELY ROBUST

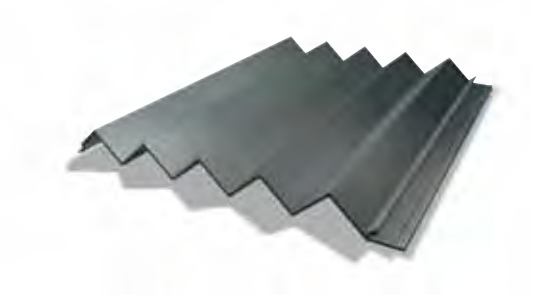
PREFA SHELL PROFILE

Successful architects are constantly brave enough to tackle new things and change. With a great-looking, fashionable façade profile, the PREFA shell profile demonstrates the same bravery – with numerous laying options and a powder-coated or natural anodised appearance. In the twinkling of an eye, the versatile PREFA shell profiles give any building an entirely individual look.



PREFA ZIG-ZAG PROFILE

Like the shell profiles, the zig-zag profiles give a building a totally individual look. One of the most attractive features is the interplay of light and shadow created on the façade by the zig-zags. Creative architects can use PREFA zig-zag profiles to create magical light displays on large façades that inspire innovations every day. The high quality of the material and professional design ensure decades of pleasure from this façade.

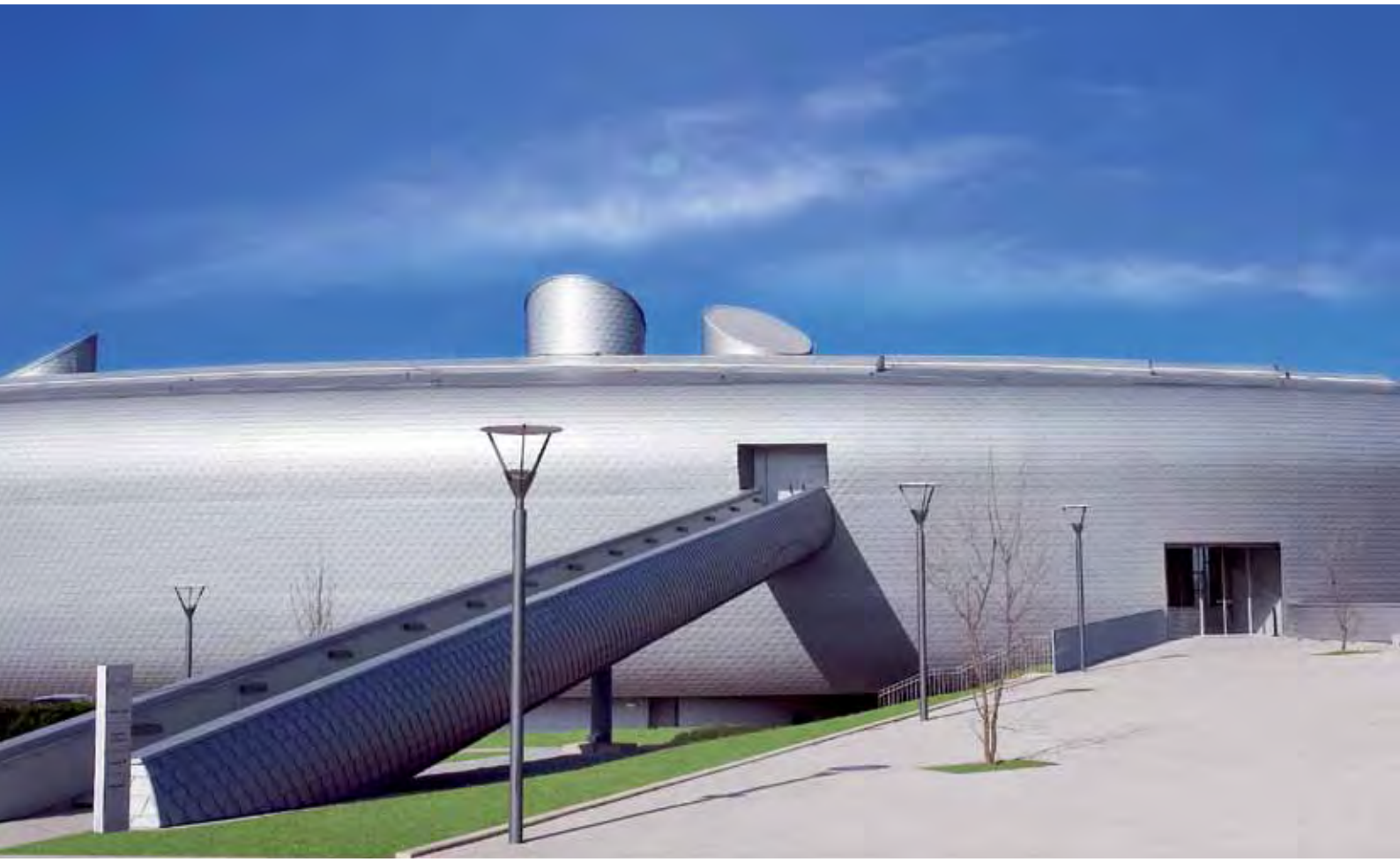


Example: PREFA PREFALZ
Architect: yes-Architekten
Country: Austria

The variety of PREFALZ colours and forms is impressive, but also easily explained: made from aluminium, PREFALZ is more flexible than most comparable folding materials and is therefore easier to shape. It allows for an unlimited number of individual design options that are barely possible with any other material. The paint quality is as fantastic as the flexibility of the material, ensuring that the façade lasts for the entire lifetime of the house.

PREFA PREFALZ
TOP QUALITY FOR OUTSTANDING CREATIVITY

TECHNICAL DATA FOR PREFA PREFALZ:
Material: coated aluminium, 0.7 mm thick, two-layer stove-enamelling
Dimensions: 0.7 x 500 mm, 0.7 x 650 mm, 0.7 x 1,000 mm
Weight: approx. 1.89/m2 (effective consumption 2.3 - 2.5 kg/m2)
Installation: full boarding with separating layer
Fixing: PREFA sliding and static folding lead tacks, in accordance with structural requirements



PREFA SHINGLES

Small-format shingles are a favoured classic feature of façade design. Thanks to their flexibility, they are equally at home in small angled areas or large façade areas – naturally always with the highest technical quality. With concealed fixings, the small-format shingles also look great, matching up to the highest requirements.

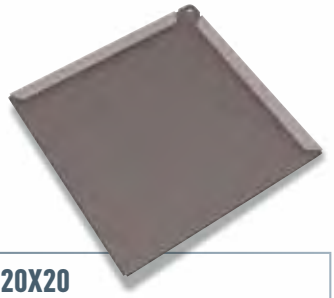
TECHNICAL DATA FOR PREFA SHINGLES
Material: coated aluminium, 0.7 mm thick high-quality two-layer stove enamelling or powder-coated
Fixing: 1 x aluminium patented lead tack per shingle = 10 lead tacks per m²
Size: 420 x 240 x 0.7 mm in laid area
Weight: 2.5 kg/m2

PREFA SMALL-FORMAT FAÇADE ELEMENTS
TRIED-AND-TESTED QUALITY FOR TIMELESS ELEGANCE

Example: PREFA shingles, zinc grey
Architect: Clemens Architecte
Atelier Witry & Witry
Hermann & Valentiny et Associés
Country: Luxembourg

PREFA RHOMBOID PANELS 20x20

The newly developed rhomboid panels allow traditional, small-scale façade designs to be shown in an entirely new light. Made from incredibly low-maintenance aluminium with the innovative PREFA P.10 surface coating, the rhomboid panels create a matte, elegant structure.



TECHNICAL DATA FOR PREFA RHOMBOID PANELS 20X20
Material: coated aluminium, 0.7 mm thick high-quality two-layer stove enamelling or powder-coated
Fixing: nails, screws
Size: 200 x 200 x 0.7 mm in laid area
Weight: 2.8 kg/m²

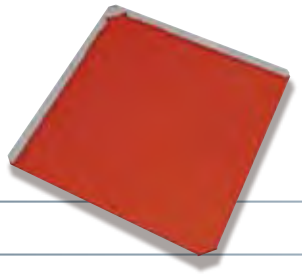
Example: PREFA folding shingles,
natural aluminium
Architect: Kopp
Country: Austria

Example: PREFA folding shingles,
metallic silver
Architect: Albert Wimmer
Country: Austria

PREFA FOLDING SHINGLES

Whether renovating an old building or constructing a new one – the highly robust, small-format folding shingles give any façade an elegant structure. The fold-in-fold laying technique ensures that the shingles withstand even the most extreme conditions. Suitable for both small and large façade areas.

PREFA SMALL-FORMAT FAÇADE ELEMENTS UNLIMITED OPTIONS

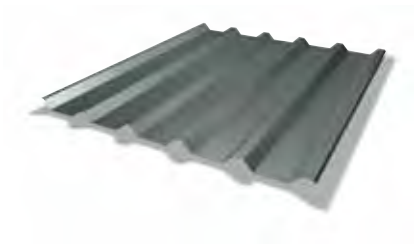


TECHNICAL DATA FOR PREFA FOLDING SHINGLES
Material: coated aluminium, 0.7 mm thick high-quality two-layer stove enamelling or powder-coated
Fixing: 1 x folding shingle lead tack per folding shingle = 12 lead tacks / m2
Size: 290 x 290 x 0.7 mm in laid area
Weight: 2.6 kg/m2

PREFA CORRUGATED AND TRAPEZOIDAL PROFILES
HIGH-QUALITY SOLUTIONS

TECHNICAL DATA FOR PREFA CORRUGATED PROFILES
Material thickness: 0.70 / 0.80 / 1.00 mm
Mill length: 6000 mm (individual custom-made lengths possible)
Wave clearance: 76 mm
Profile height: 18 mm Front: coil-coated with protective film Reverse: protective paint

TECHNICAL DATA FOR PREFA TRAPEZOIDAL PROFILE
Material thickness: 0.80 mm
Mill length: 6,200 mm
Wave clearance: 207 mm
Profile height: 35 mm Front: coil-coated with protective film Reverse: protective paint



The real skill often lies in making an unremarkable building look truly elegant. The roll-formed PREFA profiles bring more freedom of design to projects at an optimised budget. One particularly attractive feature: PREFA corrugated profiles can be rounded both lengthways or diagonally across the profile direction.

Example: PREFA corrugated profile,
metallic silver
Architect: SET
Country: Austria

Example: PREFA corrugated profile,
metallic silver
Architect: Schaffer
Country: Austria

PREFA STANDARD COLOURS

BRAND NEW!

PREFA P.10

IMPRESSIVE ALUMINIUM INNOVATION

		Reynobond	Sidings 138 x 0,7 mm	Sidings 200 x 1,00 mm	Sidings 300 x 1.20 mm	Extruded profile	Prefalz	Prefalz deluxe	Rhomboid panel	Shingles	folding shingles,	Corrugated profile	Trapezoidal profile
brown P.10			o	o			o		o	o			
anthracite P.10			o	o			o		o	o			
oxide red P.10			o	o			o		o	o			
light grey P.10			o	o			o		o	o			
rust brown P.10				o									
sand brown P.10				o									
stone grey P.10			o	o			o		o	o			
brown (basic colour)											o		o
anthracite (similar to RAL 7016)		o									o		
red brown (similar to RAL 8012)			o				o		o	o	o		
brick red (similar to RAL 8004)			o	o			o		o	o	o		
oxide red (similar to RAL 3009)											o		
moss green (similar to RAL 6005)			o	o			o		o	o	o		
light grey (similar to RAL 7005)											o		
zinc grey (standard colour)			o				o		o	o	o		
opal green (standard colour)							o		o				
PREFA white (similar to RAL 9002)			o				o		o				
nut brown, testa di moro (standard colour)							o		o				
metallic silver (similar to RAL 9006)			o				o		o			o	
natural blank						o	o		o				
dolphin grey (basic colour)								o					
titanium (standard colour)								o					
cyclamen green (basic colour)								o					
natural brushed aluminium (basic colour)		o											
pure white (similar to RAL 9010)		o		o									
grey white (similar to RAL 9002)				o									
grey aluminium (similar to RAL 9007)				o									
ruby red (similar to RAL 3003)		o		o									
silver (similar to RAL 9006)		o		o	o								
black grey (basic colour)		o		o									
metallic copper (basic colour)		o		o									
ivory (similar to RAL 1015)				o									
dark wood (basic colour)		o		o									
light wood (basic colour)				o									
powder-coated in accordance with RAL						o							
natural anodised						o							

For details of PREFA guarantee conditions, please see our website www.prefa.com/garantie

ROOF TILES:

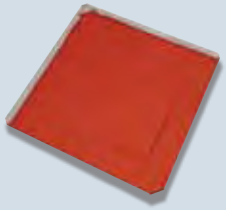
for roofs, façades and solar elements
Size: 600 x 420 mm in laid area
Weight: 1 m² = approx. 2.3 kg = 4 tiles
Roof pitch: from 12°
Installation: full boarding with separating layer or batten

SHINGLES:

for roofs and façades
Size: 420 x 240 mm in laid area
Weight: 1 m² = approx. 2.5 kg = 10 shingles
Roof pitch: from 25°
Installation: full boarding with separating layer

FOLDING SHINGLES:

for roofs and façades
Size: 290 x 290 mm in laid area
Weight: 1 m² = approx. 2.6 kg = 12 folding shingles
Roof pitch: from 25°
Installation: full boarding with separating layer



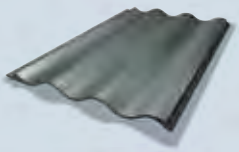
PREFALZ:

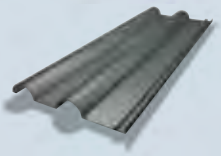
for roofs, façades and solar elements
Size: 0.7 x 500 mm, 0.7 x 650 mm
Weight: approx. 1.89/m² (effective consumption 2.3-2.5 kg/m²)
Installation: full boarding with separating layer

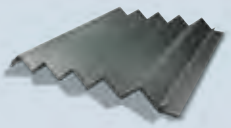
EXTRUDED PROFILE:

for façades
Size:
Profile shaft: 10/47/2.00 mm, width 140 mm
Shell profile:19 / 70 / 2.00 mm, width 140 mm
Zig-zag profile:22 / 40 / 2.00 mm, width 200 mm
Weight:
Profile shaft:6.62 kg/m²
Shell profile: 7.65 kg/m²
Zig-zag profile: 7.5 kg/m²

Installation: Wood or aluminium substructure, using screws or rivets







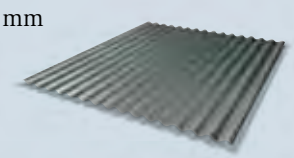
CORRUGATED PROFILE:

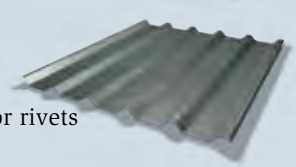
for façades
Size: 18/76/0.7, 0.8, 1.0 mm, width 1,143 mm, length: 6,000 mm
Weight: 2.3, 2.6, 1.0 kg/m²

TRAPEZOIDAL PROFILE:

for façades
Size: 35/207/0.80 mm, width: 1,035 mm, length: 6,200 mm
Weight: 2.6 kg/m²

Installation: Wood or aluminium substructure, using screws or rivets

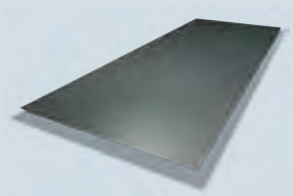




OUR PRODUCTS AT A GLANCE

REYNOBOND:

for façades
Size: 1,500 x 4,010 x 4.0 mm
Weight: approx. 5.5 kg/m²
Installation: Aluminium or wood substructure, using screws, rivets or adhesive

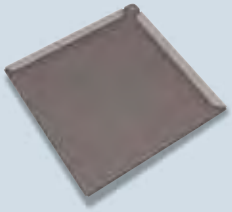


SIDING:

for façades
Size: 0.7 x 138 x 500 bis 6200 mm
1.0 x 200 x 500 bis 6200 mm
1.2 x 300 x 500 bis 6200 mm
Weight: approx. 3.30 to 4.30 kg/m²
Installation: Wood or aluminium substructure, using screws or rivets

RHOMBOID PANEL 20X20:

for façades
Size: 200 x 200 mm in laid area
Weight: 1 m² = approx. 2.8 kg = 25 rhomboid panels
Installation: full boarding (at least 1 inch thick)



ROOF GUTTER:

Dimensions:
25 - roof gutter, box gutter
28 - roof gutter
33 - roof gutter, box gutter
40 - roof gutter, box gutter
700 x 1.0 mm - edge gutter (eaves gutter)

SOLAR ROOF TILES:

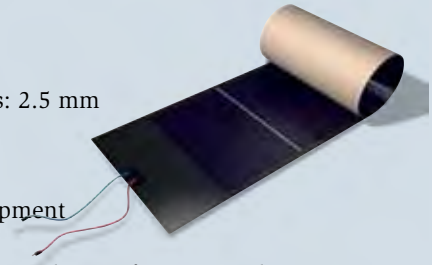
Dimensions:Length: 600 mm, width: 420 mm, thickness: 3.5 mm (0.7 mm sheet thickness)
Performance/module: 18.75 Wp (+/- 10%)
Solar cells: monocrystalline solar cells
Inspections: IEC 61215 certification pending, certified as Protection Class II equipment
Subsurface: PREFA coloured aluminium roof tiles

PREFALZ SOLAR:

Description: PS.68
Dimensions: Length: 2,849 mm, width: 394 mm, thickness: 2.5 mm
Performance/module: 68 Wp

Description: PS.136
Dimensions: Length: 5,486 mm, width: 394 mm, thickness: 2.5 mm
Performance/module: 136 Wp

Solar cells: Thin film solar cells
Inspections: IEC 61646, certified asProtection Class II equipment
Subsurface: Coloured aluminium bands from PREFA
Installation not permitted on galvanised or painted sheets or other roofing materials.



PREFA

THE ROOF
STRONG LIKE A BULL!

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10 GOOD REASONS FOR CHOOSING PREFA

- ! STORM-PROOF
- ! RUST-PROOF
- ! BREAK-PROOF
- ! LIGHT
- ! BEAUTIFUL
- ! COLOUR-FAST SURFACE
- ! GREAT FOR RENOVATIONS
- ! COMPLETE SYSTEM
- ! ENVIRONMENTALLY FRIENDLY
- ! 40-YEAR GUARANTEE

THE PREFA GROUP HAS OFFICES IN THE FOLLOWING COUNTRIES:
Austria, Germany, Switzerland, Italy, Netherlands, Denmark, Czech Republic, Slovakia, Hungary, Poland, Slovenia, Croatia, Estonia, Latvia, Lithuania, Russia