

Tender texts

PREFA 2018 roof and façade systems

Specifications 02 PREFA façade systems

Title 02.02 PREFA siding

GENERAL OBSERVATIONS

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Performance of the described services is based on PREFA Aluminiumprodukte GmbH's installation and mounting instructions, and on the nationally applicable rules, technical regulations and standards.

The specifications are based on the following documents:

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The following specifications were created based on the planning documents made available to us according to the currently applicable rules of sound engineering practice. The tenderer must check the items for feasibility; the quantities must be checked for accuracy with regards to the building, and amended if necessary.

Material waste, loss of material in seam area, small items and fixing material must be taken into account with the items in question. Invoicing is carried out according to on-site measurements.

We strongly recommend visiting the site prior to submitting the tender.

The following are not included in this call for tender: work, façade and safety scaffolding, road barriers, official permits, lightning protectors, neighbouring buildings, balconies and projecting roofs. The customer is responsible for ensuring compliance with building physics and structural engineering requirements.

PREFA Aluminiumprodukte GmbH does not guarantee the completeness of the individual items to perform the services described, or the accuracy of the dimensions of the individual items. The planner must verify all statements and information for correctness, and make any necessary adjustments. This preparatory work for the tender is provided as an advisory service for the planner (e.g. architects).

02.02.1 Façade cladding with PREFA sidings 138/0.7

Delivery and installation of stainless aluminium façade cladding with PREFA sidings; including PREFA fixing material (concealed fastening; with bolted joints; in accordance with the implementation plan and the structural requirements); in a straight line and aligned on the existing substructure.
The PREFA installation guidelines must be observed.

Width: 138 mm (visible width)

Length: 500-6,200 mm

Material thickness: 0.7 mm

Weight: 3.2 kg/m²

Material quality: aluminium (fully recyclable)

Alloy: EN AW-3005 in accordance with EN 573-3

Front: P.10 or Duragloss 5000 coil coating

Colour:

(Standard according to valid PREFA colour chart)

Reverse: protective paint

Finish: smooth / stucco / lined

Shadow gap: with/without (width: 15 mm / depth: 7 mm)

Installation: horizontal / vertical / diagonal

Class of reaction-to-fire performance: A1 in accordance with EN 13501-1

Environmental Product Declaration in accordance with ISO 14025 and

EN 15804: EPD-GDA-20130260-IBG1-DE

Reference service life according to Environmental Product Declaration:

≥ 70 years

0.000 m²

UP _____ TP _____

02.02.2 Façade cladding with PREFA sidings 200/1.0

Delivery and installation of stainless aluminium façade cladding with PREFA sidings; including PREFA fixing material (concealed fastening; with bolted joints; in accordance with the implementation plan and the structural requirements); in a straight line and aligned on the existing substructure.
The PREFA installation guidelines must be observed.

Width: 200 mm (visible width)

Length: 500-6,200 mm

Material thickness: 1.0 mm

Weight: 4.0 kg/m²

Material quality: aluminium (fully recyclable)

Alloy: EN AW-3005 in accordance with EN 573-3

Front: P.10 or Duragloss 5000 coil coating

Colour:

(Standard according to valid PREFA colour chart)

Reverse: protective paint

Finish: smooth / stucco / lined

Shadow gap: with/without (width: 15 mm / depth: 7 mm)

Installation: horizontal / vertical / diagonal

Class of reaction-to-fire performance: A1 in accordance with EN 13501-1

Environmental Product Declaration in accordance with ISO 14025 and

EN 15804: EPD-GDA-20130260-IBG1-DE

Reference service life according to Environmental Product Declaration:

≥ 70 years

0.000 m²

UP _____ TP _____

02.02.3 Façade cladding with PREFA sidings 300/1.2

Delivery and installation of stainless aluminium façade cladding with PREFA sidings; including PREFA fixing material (concealed fastening; with bolted joints and storm-proof clips; in accordance with the implementation plan and the structural requirements); in a straight line and aligned on the existing substructure.

The PREFA installation guidelines must be observed.

Width: 300 mm (visible width)

Length: 500-6,200 mm

Material thickness: 1.2 mm

Weight: 4.2 kg/m²

Material quality: aluminium (fully recyclable)

Alloy: EN AW-3005 in accordance with EN 573-3

Front: P.10 or Duragloss 5000 coil coating

Colour:

(Standard according to valid PREFA colour chart)

Reverse: protective paint

Finish: smooth / stucco / lined

Shadow gap: with/without (width: 15 mm / depth: 7 mm)

Installation: horizontal / vertical / diagonal

Class of reaction-to-fire performance: A1 in accordance with EN 13501-1

Environmental Product Declaration in accordance with ISO 14025 and

EN 15804: EPD-GDA-20130260-IBG1-DE

Reference service life according to Environmental Product Declaration:

≥ 70 years

0.000 m²

UP _____ TP _____

02.02.4 Façade cladding with PREFA sidings 400/1.2

Delivery and installation of stainless aluminium façade cladding with PREFA sidings; including PREFA fixing material (concealed fastening; with bolted joints and storm-proof clips; in accordance with the implementation plan and the structural requirements); in a straight line and aligned on the existing substructure.

The PREFA installation guidelines must be observed.

Width: 400 mm (visible width)

Length: 500-6,200 mm

Material thickness: 1.2 mm

Weight: 4.0 kg/m²

Material quality: aluminium (fully recyclable)

Alloy: EN AW-3005 in accordance with EN 573-3

Front: P.10 or Duragloss 5000 coil coating

Colour:

(Standard according to valid PREFA colour chart)

Reverse: protective paint

Finish: smooth / stucco / lined

Shadow gap: with/without (width: 15 mm / depth: 7 mm)

Installation: horizontal / vertical / diagonal

Class of reaction-to-fire performance: A1 in accordance with EN 13501-1

Environmental Product Declaration in accordance with ISO 14025 and

EN 15804: EPD-GDA-20130260-IBG1-DE

Reference service life according to Environmental Product Declaration:

≥ 70 years

0.000 m²

UP _____ TP _____

02.02.5 Façade cladding with PREFA siding.X

Delivery and installation of stainless aluminium façade cladding with PREFA sidings.X in various visible widths; including PREFA fixing material (concealed fastening; with bolted joints and storm-proof clips [for a visible width > 200 mm]; in accordance with the implementation plan and the structural requirements); in a straight line and aligned on the existing substructure. The PREFA installation guidelines must be observed.

Width: 200, 300, 400 mm (visible width)
Length: 500-6,200 mm
Material thickness: 1.00 mm
Weight: 3.4–4.0 kg/m²
Material quality: aluminium (fully recyclable)
Alloy: EN AW-3005 in accordance with EN 573-3
Front: P.10 or Duragloss 5000 coil coating
Colour:
(Standard according to valid PREFA colour chart)
Reverse: protective paint
Finish: smooth
Shadow gap: with/without (width: 15 mm / depth: 7 mm)
Installation: horizontal / vertical / diagonal
Class of reaction-to-fire performance: A1 in accordance with EN 13501-1
Environmental Product Declaration in accordance with ISO 14025 and EN 15804: EPD-GDA-20130260-IBG1-DE
Reference service life according to Environmental Product Declaration: ≥ 70 years

0.000 m² UP _____ TP _____

02.02.6 Lower connection of the PREFA siding

Delivery and installation of bottom connection; including fixing material and attachment to façade cladding.

Material thickness: same as the main item
Material quality: same as the main item
Colour: same as the main item

Cover flashing:
Cutting dimension: ... mm
Downstand: ... mm

Insertion profile:
Cutting dimension: 120 mm
Downstand: 3 pc.
Length: 2,000 mm

0.000 m UP _____ TP _____

02.02.7 PREFA drip

Delivery and installation of PREFA drip for lower connection, horizontal separation and top window connection. Including fixing material, joint connector and attachment to the façade cladding.

Cutting dimension: 120 mm
Downstand: 3 pc.
Length: 2,500 mm
Material thickness: same as the main item
Material quality: same as the main item
Colour: same as the main item

0.000 m UP _____ TP _____

02.02.8 PREFA channel profile

Delivery and installation of PREFA channel profiles for wall connection and top connection; including fixing material, sealants and attachment to the PREFA façade cladding.

Cutting dimension: 150 mm
Downstand: 3 pc.
Length: 2,500 mm
Colour: same as the main item
Material thickness: same as the main item
Material quality: same as the main item

0.000 m UP _____ TP _____

02.02.9 PREFA starter profile (horizontal siding)

Delivery and installation of PREFA start profiles for the bottom connection and horizontal separation, in the case of horizontally installed PREFA ripple profile. Including fixing material and attachment to the PREFA siding.

Cutting dimension: 71 mm
Downstand: 3 pc.
Length: 2,000 mm
Material thickness: same as the main item
Material quality: same as the main item
Colour: same as the main item

0.000 m UP _____ TP _____

02.02.10 PREFA starter profile (vertical siding)

Delivery and installation of PREFA start profiles for construction of corners and lateral wall connections, in the case of vertically installed PREFA ripple profile. Including fixing material and attachment to the PREFA siding.

Cutting dimension: 71 mm
Downstand: 3 pc.
Length: 2,000 mm
Material thickness: same as the main item
Material quality: same as the main item
Colour: same as the main item

0.000 m UP _____ TP _____

02.02.11 PREFA perforated plate (vertical siding)

Delivery and installation of PREFA perforated plates for the bottom connection, horizontal separations and top window connection including fixing material and attachment to PREFA sidings.

Cutting dimension: 80 mm
Downstand: 3 pc.
Length: 2,500 mm
Material thickness: same as the main item
Material quality: same as the main item
Colour: same as the main item

0.000 m UP _____ TP _____

02.02.12 PREFA joint (vertical joints)

Delivery and installation of PREFA joints for the vertical joints of the offset siding façade.

Suitable for sidings 138 mm, 200 mm, 300 mm and 400 mm, with or without shadow gap; maximum siding length: 2,500 mm.

0.000 pc. UP _____ TP _____

02.02.13 Vertical separation for PREFA sidings (joint connection)

Delivery and installation of a vertical separation mounted with PREFA joint connection, in the case of horizontally installed PREFA sidings. Including fixing material and attachment to the PREFA siding.

Cutting dimension: 150 mm
Downstand: 5 pc.
Material thickness: same as the main item
Material quality: same as the main item
Colour: same as the main item

0.000 m UP _____ TP _____

02.02.14 Vertical separation for PREFA sidings (metal sheathing)

Delivery and installation of a vertical separation with metal sheathing, in the case of horizontally installed PREFA sidings. Including fixing material and attachment to the PREFA siding.

Cutting dimension: 120 mm
Downstand: 2 pc.
Material thickness: same as the main item
Material quality: same as the main item
Colour: same as the main item

0.000 m UP _____ TP _____

02.02.15 Vertical separation for PREFA sidings (cover strip)

Delivery and installation of a vertical separation with cover strip, in the case of horizontally installed PREFA sidings. Including fixing material and attachment to the PREFA siding.

Material thickness: same as the main item
Material quality: same as the main item
Colour: same as the main item

Cover strip:
Cutting dimension: 100 mm
Downstand: 2 pc.

Channel profile: 2 pc./joint
Cutting dimension: 150 mm
Downstand: 3 pc.

0.000 m UP _____ TP _____

02.02.16 Construction of protruding and recessed corners — PREFA siding (one part)

Delivery and installation of protruding and recessed corners (one part); including fixing material and attachment to the PREFA façade cladding.

Total cutting dimension: up to 200 mm
Downstand: up to 5 pc.
Length: 2,500 mm
Material thickness: same as the main item
Material quality: same as the main item
Colour: same as the main item

0.000 m UP _____ TP _____

02.02.17 Construction of protruding and recessed corners — PREFA siding (two parts)

Delivery and installation of protruding and recessed corners (two parts); including fixing material and attachment to the PREFA façade cladding.

Total cutting dimension: up to 250 mm
Downstand: up to 8 pc.
Length: 2,000 mm
Material thickness: same as the main item
Material quality: same as the main item
Colour: same as the main item

0.000 m UP _____ TP _____

02.02.18 Construction of protruding and recessed corners — PREFA siding (three parts)

Delivery and installation of protruding and recessed corners (three parts); including fixing material and attachment to the PREFA façade cladding.

Total cutting dimension: up to 450 mm
Downstand: up to 9 pc.
Material thickness: same as the main item

Material quality: same as the main item
Colour: same as the main item

0.000 m UP _____ TP _____

02.02.19 Corner construction with PREFA corner siding (horizontal siding)

Delivery and installation of PREFA corner constructions with PREFA corner sidings (protruding corner) in the case of horizontal installation; including fixing material and attachment to PREFA sidings.

Material thickness: same as the main item
Material quality: same as the main item
Colour: same as the main item
Side length on both sides: 500 mm (internal dimension)

0.000 m UP _____ TP _____

02.02.20 Corner construction with PREFA siding (recessed, vertical siding)

Delivery and installation of corner constructions with PREFA sidings in the case of vertical installation; including start profile, fixing material and attachment to PREFA sidings.

0.000 m UP _____ TP _____

02.02.21 Vertical window/door connection (reveal) made of PREFA flashing strip

Delivery and installation of vertical window/door connections (reveal) made of PREFA flashing strip. Including fixing material and sealants and attachment to the PREFA façade cladding, window ledge and lintel. Make sure that the thermal insulation is correctly attached to the frame.

Reveal:
Cutting dimension: ... mm
Downstand: ... pc.
Material thickness: same as the main item
Material quality: same as the main item
Colour: same as the main item

Insertion profile:
Cutting dimension: 120 mm
Downstand: 3 pc.
Length: 2,000 mm

0.000 m UP _____ TP _____

02.02.22 Horizontal window/door connection (lintel) made of PREFA flashing strip

Delivery and installation of horizontal window/door connections (lintel) made of PREFA flashing strip. Including fixing material and sealants and attachment to the PREFA façade cladding and window reveal. Make sure that the thermal insulation is correctly attached to the frame.

Lintel:

Cutting dimension: ... mm

Downstand: ... pc.

Material thickness: same as the main item

Material quality: same as the main item

Colour: same as the main item

Insertion profile:

Cutting dimension: 120 mm

Downstand: 3 pc.

Length: 2,000 mm

0.000 m

UP _____ TP _____

02.02.23 Window ledges made of PREFA flashing strip

Delivery and installation of window ledges made of PREFA flashing strip; including fixing material and production of lateral connections.

Window ledge:

Cutting dimension: ... mm

Downstand: 3 pc.

Material thickness: same as the main item

Flashing strip:

Cutting dimension: ... mm

Downstand: 1 pc.

Material thickness: 1.00 mm

0.000 m

UP _____ TP _____

02.02.24 Roof parapet flashing made of PREFA flashing strip

Delivery and installation of roof parapet flashing made of PREFA flashing strip; including cleat strips on both sides and fixing material. The individual elements must be prepared in lengths of up to 3,000 mm max. according to the cut.

Connection types: standing seam, hook seam, coulisseau or corrugated metal sheathing.

Cutting dimension: ... mm

Downstand: 4 pc.

Material quality: aluminium

Alloy: AlMn1Mg0.5, H41

Material thickness: 1.00 mm

Colour: same as the main item

0.000 m

UP _____ TP _____

02.02.25 Production of penetrations

Production of penetrations for support profile (e.g. billboards, ventilations, etc.) in the PREFA façade cladding, including support structure or auxiliary structure, fixing material, sealants and attachment to the PREFA façade cladding.

Opening size: ... x ... mm

0.000 pc. UP _____ TP _____

02.02.26 Installation of wood panels behind the PREFA sidings positioned in the base area

Delivery and installation of wood panels behind the PREFA sidings positioned in the base area; including fixing material. The width depends on the siding visible width.

Material thickness: 20 mm

Length: mm

0.000 m UP _____ TP _____

02.02.27 PREFA perforated plate for ventilated façades

Delivery and installation of PREFA perforated plates with perforations for aeration and ventilation, and to prevent insects and birds from getting into the ventilated channel; including fixing material.

Cutting dimension: ... mm

Downstand: as required

Material: aluminium

Alloy: EN AW-3005

Material thickness: 0.70 mm

Round perforations: \varnothing 5 mm

0.000 m UP _____ TP _____

02.02.28 Skilled worker hourly rate

Skilled worker hourly rate

0.000 h UP _____ TP _____

02.02.29 Assistant hourly rate

Assistant hourly rate

0.000 h UP _____ TP _____

Title 02.02 PREFA siding TP _____

Summary

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TP _____

Specifications 02 PREFA façade systems

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