

## Tender texts

PREFA roof and façade systems (06/2018)

### Specifications 02 PREFA façade systems

#### Title 02.05 PREFA rhomboid façade tile 29 × 29

##### 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:

- .....
- .....
- .....

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).

**02.05.1 Façade cladding with PREFA rhomboid façade tile 29 × 29**

Delivery and installation of stainless aluminium façade cladding with PREFA rhomboid façade tiles, 29 × 29; including PREFA fixing material (concealed fastening with patent clips and ring nails, 12 pc./m<sup>2</sup>); on solid sheathing (at least 24 mm thick). The PREFA installation guidelines must be observed.

Size: 290 × 290 mm (cover); 12 pc./m<sup>2</sup>

Material thickness: 0.70 mm

Weight: 2.6 kg/m<sup>2</sup>

Material: aluminium (fully recyclable)

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

Front: P.10 coil coating

Colour: .....

(Standard according to valid PREFA colour chart)

Reverse: protective paint

Finish: stucco or smooth

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 m<sup>2</sup>** UP \_\_\_\_\_ TP \_\_\_\_\_

**02.05.2 Surcharge added to the cost of the main item — leading plates for PREFA rhomboid façade tiles 29 × 29**

Delivery and installation of leading plates for the PREFA rhomboid façade tiles for the eaves construction and all connections on the eaves side (e.g. doors, windows, etc.); 2.2 pc./m; including PREFA fixing material.

**0.000 m** UP \_\_\_\_\_ TP \_\_\_\_\_

**02.05.3 Surcharge added to the cost of the main item — end plates for PREFA rhomboid façade tiles 29 × 29**

Delivery and installation of end plates for PREFA rhomboid façade tiles, for all top connections (e.g. windows, etc.); 2.2 pc./m; including PREFA fixing material.

**0.000 m** UP \_\_\_\_\_ TP \_\_\_\_\_

**02.05.4 PREFA edge cleat strip**

Delivery and installation of PREFA edge cleat strips (with marking); including fixing material and attachment to the PREFA façade cladding. The PREFA installation guidelines must be observed.

Size: 1,800 × 158 mm

Material thickness: 1.0 mm

Material quality: aluminium

**0.000 m** UP \_\_\_\_\_ TP \_\_\_\_\_

### 02.05.5 Lower connection of the PREFA rhomboid façade tile

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 \_\_\_\_\_

### 02.05.6 Canted channel profile

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

Cutting dimension: up to 150 mm

Downstand: 3 pc.

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 \_\_\_\_\_

### 02.05.7 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 \_\_\_\_\_

**02.05.8 Construction of protruding and recessed corners (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 \_\_\_\_\_

**02.05.9 Construction of protruding and recessed corners (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 \_\_\_\_\_

**02.05.10 Vertical window/door connection (reveal) 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, 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 \_\_\_\_\_

**02.05.11 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 \_\_\_\_\_

**02.05.12 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 \_\_\_\_\_

**02.05.13 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 \_\_\_\_\_

**02.05.14 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 \_\_\_\_\_

**02.05.15 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 \_\_\_\_\_

**02.05.16 Skilled worker hourly rate**

Skilled worker hourly rate

**0.000 h** UP \_\_\_\_\_ TP \_\_\_\_\_

**02.05.17 Assistant hourly rate**

Assistant hourly rate

**0.000 h** UP \_\_\_\_\_ TP \_\_\_\_\_

**Title 02.05 PREFA rhomboid façade tile 29 x 29 TP**

## Summary

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TP \_\_\_\_\_

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TP \_\_\_\_\_