

## Tender texts

PREFA roof and façade systems (06/2018)

### Specifications 01 PREFA roof systems

#### Title 01.02 PREFA R.16 roof tile

#### 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).

**01.02.1 Separating layer (with enhanced rain-proofing and sound insulation)**

Delivery and installation of a self-sealing polymer bituminous roof underlay; to comply with increased safety requirements and as sound insulation. The manufacturer's guidelines must be observed.

Product offered: .....

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

**01.02.2 Separating layer (min. 0.9 mm)**

Delivery and installation of a self-sealing polymer bituminous roof underlay (separating layer). The characteristics of the separating layer must comply with the requirements; the manufacturer's guidelines must be observed.

Product offered: .....

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

**01.02.3 Roof covering with PREFA R.16 roof tiles**

Delivery and installation of a stainless aluminium roof covering with PREFA R.16 roof tiles; including PREFA fixing material (concealed fastening with 3 ring nails per tile); on solid sheathing (at least 24 mm thick). The PREFA installation guidelines must be observed.

In the case of snow loads greater than 3.25 kN/m<sup>2</sup> or in terrain categories 0, I or II, installation on solid sheathing with a bitumen layer is required.

Minimum roof pitch: 17°

17–25°: to be installed on a separating layer

Installation: from right to left

Size: 700 × 420 mm (cover); 3.4 pc./m<sup>2</sup>

Material thickness: 0.70 mm

Weight: 2.5 kg/m<sup>2</sup>

Material quality: aluminium (fully recyclable)

Alloy: EN AW-3005 or EN AW-3105 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

External fire performance: without further testing according to EN 13501-5 and to European Commission Decision 2000/553/EG

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 \_\_\_\_\_

#### 01.02.4 PREFA edge cleat strip

Delivery and installation of PREFA edge cleat strips; including fixing material and attachment to PREFA roof covering. 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 \_\_\_\_\_

#### 01.02.5 PREFA eaves apron (standard)

Delivery and installation of PREFA ice strips, pre-canted twice in the factory; including fixing material, with a tapered edge aligned with the gutter inclination.

Size: 230 × 2,000 mm  
Material thickness: 0.70 mm  
Material quality: aluminium  
Alloy: EN AW-5010  
Finish: coil coating  
Colour: same as the main item

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

#### 01.02.6 Eaves apron made of Prefalz flashing strip

Delivery and installation of ice strips made of Prefalz flashing strip; including the necessary fixing material; with a tapered edge aligned with the gutter inclination.

Cutting dimension: ... mm  
Downstand: ... pc.  
Material thickness: 0.70 mm  
Material quality: EN AW-5010  
Colour: same as the main item

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

#### 01.02.7 PREFA bird screen for ventilation

Delivery and installation of PREFA bird screen with round perforations for aeration and ventilation; to prevent insects and birds from getting into the ventilated channel. Including fixing material.

Cutting dimension: 125 mm  
Downstand: as required  
Length: 2,000 mm  
Material thickness: 0.70 mm  
Material: aluminium  
Round perforations: ø 5 mm

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

#### **01.02.8 Roof break (mansard roof)**

Formation of a roof break on a mansard roof including aluminium edge part and edge cleat strips, and attachment to the PREFA roof covering.

Roof transition from ...° to ...°

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

#### **01.02.9 Roof break**

Formation of a roof break with Prefalz flashing strip including clips and attachment to the PREFA roof covering.

Roof transition from ...° to ...°

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

#### **01.02.10 PREFA safety valley (manufactured in the factory)**

Delivery and installation of PREFA safety valleys with additional joint; including fixing material and attachment of all connections (both sides) to the PREFA roof covering. The individual parts (max 3,000 mm) must be connected bearing expansion in mind.

Cutting dimension: 708 mm

Downstand: 8 pc.

Material thickness: 0.70 mm

Material quality: same as the main item

Colour: same as the main item

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

#### **01.02.11 Valley made of Prefalz flashing strip**

Delivery and installation of valley flashing made of Prefalz flashing strip; including fixing material and attachment of all connections (both sides) to the PREFA roof covering. The individual parts (max 3,000 mm) must be connected bearing expansion in mind.

Cutting dimension: ... mm

Downstand: ... pc.

Material thickness: 0.70 mm

Material quality: same as the main item

Colour: same as the main item

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

**01.02.12 Valley with recess, made of Prefalz flashing strip**

Delivery and installation of a recessed valley formation as flashing made of Prefalz flashing strip; on existing, lowered substructure. Including fixing material and attachment of all connections (both sides) to PREFA roof covering and mounting one layer of roof underlay to provide additional backflow protection. The individual parts (max 3,000 mm) must be connected bearing expansion in mind.

Cutting dimension: ... mm  
Downstand: up to 5 pc.  
Material thickness: 0.70 mm  
Material quality: same as the main item  
Colour: same as the main item

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

**01.02.13 Valley construction (curved valley)**

Delivery and installation of a round or folded valley construction on round dormers made of Prefalz flashing strip. The individual parts (max 3,000 mm) must be connected bearing expansion in mind. Including clips and attachment of all connections (both sides) to the PREFA roof covering.

Dormer width: ... mm  
Rise: ... mm  
Main roof pitch: ...°  
Material thickness: 0.70 mm  
Material quality: same as the main item  
Colour: same as the main item

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

**01.02.14 Wall connection valley with Prefalz flashing strip**

Delivery and installation of flashing made of Prefalz flashing strip; including fixing material and attachment of all connections to the PREFA roof covering. The individual parts (max 3,000 mm) must be connected bearing expansion in mind.

Cutting dimension: ... mm  
Downstand: up to 4 pc.  
Material thickness: 0.70 mm  
Material quality: same as the main item  
Colour: same as the main item

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

**01.02.15 Soaker flashing made of Prefalz flashing strip**

Delivery and installation of soaker flashing made of Prefalz flashing strip, with standing seam and check edge on both sides; including fixing material and attachment of all connections to PREFA roof covering.

Dimensions: ... x ... mm  
Material thickness: same as the main item  
Material quality: same as the main item  
Colour: same as the main item

**0.000 pc.** UP \_\_\_\_\_ TP \_\_\_\_\_

**01.02.16 Apron made of Prefalz flashing strip**

Delivery and installation of aprons made of Prefalz flashing strip for ridge-side connections to roof fittings; including fixing material and attachment to the PREFA roof covering. The individual parts (max 3,000 mm) must be connected bearing expansion in mind.

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

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

**01.02.17 PREFA ridge vent (ridge and vent), self-supporting**

Delivery and installation of PREFA ridge vent; self-supporting; half-round shape; to aerate the ventilated channels; including fixing material (stainless steel screws 4.5/60 mm, with sealing washer) and attachment to the PREFA roof covering. The PREFA installation guidelines must be observed.

Piece lengths: 3,000/1,200 mm

Air intake section: 250 cm<sup>2</sup>/m

Material thickness: 1.00 mm

Material quality: same as the main item

Colour: same as the main item

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

**01.02.18 PREFA ridge vent end piece**

Delivery and installation of PREFA ridge vent cap/end piece, half-round shape, straight cut; including fixing material and attachment to ridge vent. The PREFA installation guidelines must be observed.

Material thickness: 1.00 mm

Material quality: same as the main item

Colour: same as the main item

**0.000 pc.** UP \_\_\_\_\_ TP \_\_\_\_\_

**01.02.19 PREFA ridge and hip construction, non-ventilated**

Delivery and installation of PREFA ridge/hip cap (half-round shape, with embossed ridge) on existing wooden batten; including fixing material (stainless steel screws 4.5/45 mm, with sealing washer) and double-sided attachment of PREFA roof covering to the ridge or hip batten. The PREFA installation guidelines must be observed.

Length: 500 mm  
Material thickness: 1.00 mm  
Material quality: same as the main item  
Colour: same as the main item

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

**01.02.20 PREFA hip and ridge cap, end piece (quarter sphere)**

Delivery and installation of PREFA ridge/hip cap start/end piece, quarter sphere; including fixing material and attachment to hip cap. The PREFA installation guidelines must be observed.

Material thickness: 1.50 mm  
Material quality: same as the main item  
Colour: same as the main item

**0.000 pc.** UP \_\_\_\_\_ TP \_\_\_\_\_

**01.02.21 Ridge and hip construction made of Prefalz flashing strip**

Delivery and installation of ridge/hip plates made of Prefalz edge flashing on existing wooden batten; including fixing material and attachment of all connections (both sides) to the PREFA roof covering. The individual parts (max 3,000 mm) must be connected bearing expansion in mind.

Colour: same as the main item  
Material quality: same as the main item  
Material thickness: 0.70 mm  
Cutting dimension: ... mm  
Downstand: ... pc.

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

**01.02.22 PREFA frog-mouth vent cover**

Delivery and installation of PREFA frog-mouth vent covers to aerate and ventilate the ventilated cavity; with deep-drawn top section and perforation; installation with riveted or bonded joint including cutting out of the necessary openings on the roof covering and sheathing.

Material thickness: 1.20 mm  
Material quality: same as the main item  
Air intake section: approx. 30 cm<sup>2</sup>  
Colour: same as the main item

**0.000 pc.** UP \_\_\_\_\_ TP \_\_\_\_\_

**01.02.23 Mono-pitched-roof end made of Prefalz flashing strip**

Delivery and installation of mono-pitched-roof end made of Prefalz flashing strip; including fixing material, cleat strips and perforated plate, and attachment to the PREFA roof covering. The individual parts (max 3,000 mm) must be connected bearing expansion in mind.

Cover profile:  
Cutting dimension: ... mm  
Downstand: ... pc.  
Material thickness: same as the main item  
Colour: same as the main item

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

#### **01.02.24 PREFA verge flashing (manufactured in the factory)**

Delivery and installation of PREFA verge flashing with cleat strips; including fixing material and attachment to the PREFA roof covering. The individual pieces must be connected allowing for expansion. The PREFA installation guidelines must be observed.

Verge flashing:  
Cutting dimensions: 2,000 × 95 mm  
Downstand: 4 pc.  
Material thickness: 0.70 mm

Cleat strip:  
Cutting dimensions: 2,000 × 70 mm  
Downstand: 2 pc.  
Material thickness: 1.0 mm

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

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

#### **01.02.25 Verge flashing made of Prefalz flashing strip**

Delivery and installation of verge flashing made of Prefalz flashing strip; including fixing material and attachment to the PREFA roof covering. The individual parts (max 3,000 mm) must be connected bearing expansion in mind.

Verge flashing:  
Cutting dimension: ... mm  
Downstand: ... pc.  
Material thickness: 0.70 mm

Cleat strip:  
Cutting dimension: ... mm  
Downstand: ... pc.  
Material thickness: min. 1.0 mm

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

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



**01.02.26 PREFA flashing plate for R.16 roof tile**

Delivery and installation of PREFA flashing plates for pipe openings including cutting out of openings on the sheathing and incorporation into the PREFA roof covering. The PREFA installation guidelines must be observed.

Pipe openings: from 80 to 125 mm  $\varnothing$   
 Roof pitch: 12°–52°  
 Material thickness: same as the main item  
 Material quality: same as the main item  
 Colour: same as the main item

**0.000 pc.** UP \_\_\_\_\_ TP \_\_\_\_\_

**01.02.27 PREFA universal flashing (two parts)**

Delivery and installation of 2-part PREFA universal flashing strips (e.g. for aerial edging); including incorporation in the PREFA roof covering. The PREFA installation guidelines must be observed.

Pipe openings: from 40 to 120 mm  $\varnothing$   
 Roof pitch: 12°–52°  
 Material thickness: 0.70 mm  
 Material quality: same as the main item  
 Colour: same as the main item

**0.000 pc.** UP \_\_\_\_\_ TP \_\_\_\_\_

**01.02.28 PREFA vent pipe**

Delivery and installation of PREFA vent pipe with cover including installation in the flashing plate and sealing of the pipe rosette. The PREFA installation guidelines must be observed.

Total height: 380 mm  
 Diameter: 100 mm, 120 mm  
 Material thickness: 1.00 mm  
 Material quality: same as the main item  
 Colour: same as the main item

**0.000 pc.** UP \_\_\_\_\_ TP \_\_\_\_\_

**01.02.29 PREFA flexible pipe collar**

Delivery and installation of PREFA flexible pipe collar made of permanently elastic EPDM for incorporating round roof openings into the roof underlay. The PREFA installation guidelines must be observed.

Diameter: 100–130 mm

**0.000 pc.** UP \_\_\_\_\_ TP \_\_\_\_\_

**01.02.30 Chimney and ventilation shaft flashing strip**

Delivery and installation of chimney and ventilation shaft flashing strips made of Prefalz flashing strip; consisting of side curbs, apron and back curb (flashing upstand: approx. 200 mm); including incorporation into the longitudinal and transverse seam. In the case of penetrations with a width of > 1.0 m, a tapered wedge must be created in the back curb area.

Size: ... x ... mm  
 Material thickness: 0.70 mm  
 Material quality: same as the main item  
 Colour: same as the main item

**0.000 pc.** UP \_\_\_\_\_ TP \_\_\_\_\_

**01.02.31 Chimney and ventilation shaft flashing strip**

Delivery and installation of chimney and ventilation shaft flashing strips made of Prefalz flashing strip; consisting of side curbs, apron and back curb (flashing upstand: approx. 200 mm); including incorporation into the longitudinal and transverse seam. In the case of penetrations with a width of > 1.0 m, a tapered wedge must be created in the back curb area.

Material thickness: 0.70 mm  
 Material quality: same as the main item  
 Colour: same as the main item

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

**01.02.32 Chimney and ventilation shaft cladding**

Delivery and installation of chimney and ventilation shaft cladding made of Prefalz flashing strip. Preparation of cladding with a folded design according to local measurements up to the bottom edge of the branch.

Size: ... x ... x ... mm  
 Material thickness: 0.70 mm  
 Material quality: same as the main item  
 Colour: same as the main item

**0.000 pc.** UP \_\_\_\_\_ TP \_\_\_\_\_

**01.02.33 Chimney and ventilation shaft cladding**

Delivery and installation of chimney and ventilation shaft cladding made of Prefalz flashing strip. Preparation of cladding with a folded design according to local measurements up to the bottom edge of the branch.

Material thickness: 0.70 mm  
 Material quality: same as the main item  
 Colour: same as the main item

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



**01.02.38 PREFA roof hatch**

Delivery and installation of PREFA roof hatches for attics and non-heated rooms with flashing, wooden frame, opening restrictor with cotter pin and 6 mm twinwall clear sheet with frame seal. Including attachment to the PREFA roof covering, cutting out of access openings in the sheathing and attaching the wooden frame. The PREFA installation guidelines must be observed.

Size: 600 x 600 mm (inside dimensions)  
Colour: same as the main item

**0.000 pc.** UP \_\_\_\_\_ TP \_\_\_\_\_

**01.02.39 PREFA flashing for Velux roof windows**

Delivery and installation of PREFA flashing strips for Velux roof windows; including attachment to PREFA roof covering. The PREFA installation guidelines must be observed.

Window: with thermal insulation frame  
Material quality: same as the main item  
Colour: same as the main item

Size: ...  
C02 55 x 78, C04 55 x 98, C06 55 x 118, F04 66 x 98, F06 66 x 118, F068 66 x 140, M04 78 x 98, M06 78 x 118, M08 78 x 140, M10 78 x 160, M12 78 x 180, P04 94 x 98, P06 94 x 118, P08 94 x 140, P.10 94 x 160, S06 114 x 118, S08 114 x 140, S10 114 x 160, U04 134 x 98, U08 134 x 140, U10 134 x 160

**0.000 pc.** UP \_\_\_\_\_ TP \_\_\_\_\_

**01.02.40 PREFA flashing for Roto roof windows**

Delivery and installation of PREFA flashing strips for Roto roof windows; including attachment to PREFA roof covering. The PREFA installation guidelines must be observed.

Window: with thermal insulation frame  
Material quality: same as the main item  
Colour: same as the main item

Size: ...  
54 x 78, 54 x 98, 54 x 118, 65 x 98, 65 x 118, 65 x 140, 74 x 78, 74 x 98, 74 x 118, 74 x 140, 74 x 160, 94 x 78, 94 x 98, 94 x 118, 94 x 140, 94 x 160, 114 x 78, 114 x 98, 114 x 118, 114 x 140, 114 x 160, 134 x 78, 134 x 98, 134 x 140

**0.000 pc.** UP \_\_\_\_\_ TP \_\_\_\_\_

**01.02.41 PREFA flashing for Roto Q series roof windows**

Delivery and installation of PREFA flashings for Roto Q series roof windows; including attachment to the PREFA roof covering.

Window: with/without thermal insulation frame

Material quality: same as the main item

Colour: same as the main item

Size: .....

Q55 x 78, Q78 x 98, Q78 x 118, Q94 x 140, Q114 x 118, Q134 x 160

**0.000 pc.** UP \_\_\_\_\_ TP \_\_\_\_\_

**01.02.42 Façade cladding**

Delivery and installation of façade cladding (dormer, gable and front sides); including attachment to the PREFA roof covering and all connections and junctions; with PREFA R.16 roof tile or Prefalz flashing strip (single lock standing seam).

Design: .....

Material thickness: same as the main item

Material quality: same as the main item

Colour: same as the main item

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

**01.02.43 Roof parapet flashing made of Prefalz flashing strip**

Delivery and installation of roof parapet flashing made of Prefalz 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.

Cutting dimension: ... mm

Downstand: ... pc.

Material thickness: 0.70 mm

Material quality: same as the main item

Colour: same as the main item

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

Design: .....

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

**01.02.44 Surcharge for rounded roof parapet (segments)**

Surcharge added to the cost of the roof parapet item for a rounded design in segments.

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

**01.02.45 Corner edge cover made of Prefalz flashing strip**

Delivery and installation of corner edge covers made of Prefalz flashing strip; including cleat strips and fixing material. The individual elements must be prepared in lengths of up to 3,000 mm max. according to the cut.

Cutting dimension: ... mm  
Downstand: ... pc.  
Material thickness: 0.70 mm  
Material quality: same as the main item  
Colour: same as the main item

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

**01.02.46 Cornice flashing made of Prefalz flashing strip**

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

Cutting dimension: ... mm  
Downstand: ... pc.  
Material thickness: 0.70 mm  
Material quality: same as the main item  
Colour: same as the main item

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

**01.02.47 PREFA snow guard for R.16 roof tile**

Delivery and installation of PREFA snow guard for PREFA R.16 roof tile. The mounting direction is from the eaves towards the ridge, 2 snow guards per R.16 roof tile must be installed along the first two rows on the eaves side. The number of snow guards must be calculated according to static calculations. The PREFA installation guidelines must be observed.

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

**0.000 pc.** UP \_\_\_\_\_ TP \_\_\_\_\_

**01.02.48 PREFA pipe-style snow guard system**

Delivery and installation of a PREFA pipe-style snow guard system; including fixing material and installation of a base plate if required. The pipe-style snow guard system must be assembled according to static calculations. The PREFA installation guidelines must be observed.

Pipe-style snow guard system: 205 × 50 × 300 mm (H × W × D) with fixing slide, two mounts with surface sealant (outer diameter: 87 mm), fixing material and protective caps.

Holes: removable pipe with connection sleeves, 3 pc., 3,000 mm in length. PREFA end pieces must be mounted at the ends.

Material: aluminium, powder-coated  
Colour: same as the main item

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

**01.02.49 Surcharge for PREFA ice-retention brackets (pipe-style snow guard system)**

PREFA ice-retention brackets for the pipe-style snow guard system, approx. 4 pc./m.

Material: aluminium, powder-coated  
Colour: same as the main item

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

**01.02.50 PREFA pipe-style snow guard system**

Delivery and installation of a PREFA pipe-style snow guard system; including fixing material and sealants, and installation of a base plate if required. The snow guard system must be assembled according to static calculations. The PREFA installation guidelines must be observed.

Pipe-style snow guard bracket: 30/7 mm, hardened aluminium

Holes: pipes (15 mm  $\varnothing$ ), 3 pc., 3,000 mm long

Connection sleeves: 15 mm (inside diameter)

PREFA end pieces must be mounted at the ends.

Material: aluminium, powder-coated  
Colour: same as the main item

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

**01.02.51 PREFA mountain snow-guard bracket**

Delivery and installation of a PREFA mountain snow-guard bracket including fixing material and installation of a base plate if required. The mountain snow-guard brackets must be assembled according to static calculations. The PREFA installation guidelines must be observed.

Mountain snow-guard bracket: (300 x 246 mm), including two mounts with surface sealant (outer diameter: 87 mm), fixing material and protective caps.

Holes: logs (approx. 140 mm  $\varnothing$ )

Material: aluminium, powder-coated  
Colour: same as the main item

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

**01.02.52 PREFA roof anchor hook according to (EN 517 B, on mounts)**

Delivery and installation of PREFA roof anchor hooks on mounts; tested according to EN 517 B, authorized for two people. Comprising two mounts with surface sealant (outer diameter: 87 mm), fixing material and protective caps in light grey. Installation of a base plate if required. The PREFA installation guidelines must be observed.

The roof anchor hooks must be assembled and laid out in accordance with the accident prevention regulations of the respective country and according to the building's specified requirements.

Material: stainless steel  
Colour: stainless steel / light grey

**0.000 pc.** UP \_\_\_\_\_ TP \_\_\_\_\_

**01.02.53 PREFA roof anchor hook according to EN 517 B**

Delivery and installation of PREFA roof anchor hooks as a single anchor point; tested according to EN 517 B, authorized for one person. Includes protective caps, fixing material and sealants. Installation of a base plate if required. The PREFA installation guidelines must be observed.

The roof anchor hooks must be assembled and laid out in accordance with the accident prevention regulations of the respective country and according to the building's specified requirements.

Material: galvanised steel, powder-coated  
Colour: same as the main item

**0.000 pc.** UP \_\_\_\_\_ TP \_\_\_\_\_

**01.02.54 PREFA solar bracket**

Delivery and installation of PREFA solar bracket as a point of attachment for solar panels on PREFA roofs. Includes protective caps, fixing material and sealants. The number of brackets and bearing distances must be calculated according to static calculations. Installation of a base plate if required. The PREFA installation guidelines must be observed.

Material thickness: 5 mm  
Size: 63 x 260 mm  
Material: aluminium  
Colour: same as the main item, powder-coated

**0.000 pc.** UP \_\_\_\_\_ TP \_\_\_\_\_

**01.02.55 PREFA Sunny solar bracket**

Delivery and installation of PREFA Sunny solar bracket as a point of attachment for solar panels on PREFA roofs. Includes PREFA special adhesive for incorporating the cover. The number of brackets and bearing distances must be calculated according to static calculations. Installation of a base plate if required. The PREFA installation guidelines must be observed.

Fixing screw: STS M12 350 mm, uncoated  
Cover: zinc grey powder-coated, aluminium 1.20 mm



**0.000 pc.** UP \_\_\_\_\_ TP \_\_\_\_\_

**01.02.56 PREFA walkway**

Delivery and installation of a PREFA walkway; including protective cap, fixing material and sealants. Installation of a base plate if required. The PREFA installation guidelines must be observed.

Walkway support: 250 mm (distance between each support max. 900 mm) with protective cap, adjustable for roof pitches of 12°–55°.

Walkway: 250 × 420/600/800/1,200 mm; including fixing material and walkway connecting elements.

Material: galvanised steel, powder-coated

Colour: same as the main item

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

**01.02.57 PREFA walkway support (walkways)**

Delivery and installation of PREFA walkway supports (walkways); including protective cap, fixing material and sealants. Installation of a base plate if required. The PREFA installation guidelines must be observed.

Walkway support: 2 pc. 250 mm (distance between each support max. 900 mm) with protective cap, adjustable for roof pitches of 12°–55°.

Walkway: 250 × 420/600/800 mm; including fixing material.

Material: galvanised steel, powder-coated

Colour: same as the main item

**0.000 pc.** UP \_\_\_\_\_ TP \_\_\_\_\_

**01.02.58 PREFA safety tread**

Delivery and installation of PREFA safety treads; comprising two mounts with surface sealant (outer diameter: 87 mm); fixing material and protective caps; adjustable for roof pitches of 12°–60°. The PREFA installation guidelines must be observed.

Material: aluminium, powder-coated

Colour: same as the main item

**0.000 pc.** UP \_\_\_\_\_ TP \_\_\_\_\_

**01.02.59 Skilled worker hourly rate**

Skilled worker hourly rate

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

**01.02.60 Assistant hourly rate**

Assistant hourly rate

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

**Title 01.02 PREFA R.16 roof tile TP \_\_\_\_\_**

## Summary

Title 01.02 PREFA R.16 roof tile

TP \_\_\_\_\_

**Specifications 01 PREFA roof systems**

TP \_\_\_\_\_