

Tender texts

PREFA 2017 roof and façade systems

Specifications 02 PREFA façade systems

Title 02.01 Substructure for façade claddings

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).

02.01.1 Structural analysis

Delivery of a verifiable, building-related structural analysis (without test or permit fees).

1,000 flat rate UP _____ TP _____

02.01.2 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: ø 5 mm

0.000 m UP _____ TP _____

02.01.3 Façade insulation panel for ventilated façades

Delivery and installation of façade insulation panels for ventilated façades, closely butted together, made of mineral fibre, water-resistant (hydrophobic), on existing metal substructure. Including mechanical fastening with suitable insulation supports and attachment to corners, windows and door frames.

Thickness: mm
Dimension: mm
Thermal conductivity:

Without restriction in terms of the height of the building.
The manufacturer's guidelines must be observed.
Product offered:

0.000 m² UP _____ TP _____

02.01.4 Surcharge added to the cost of the façade insulation panels for soffit cladding

Surcharge for soffit cladding.

0.000 m² UP _____ TP _____

02.01.5 Aluminium substructure

Delivery and installation of an adjustable aluminium substructure for ventilated façades, flush and plumb-vertical in accordance with the implementation plan and structural requirements. The permissible fastening distances of the PREFA façade cladding must be taken into account for the support profile centre-to-centre distance. All cutting dimensions, notches, any necessary additional constructions on protruding and recessed corners, window lintels, reveals, etc., and fixing material must all be included in the unit price.

Aluminium wall angle brackets, thermal break, L- or T-support profiles made of aluminium, including anchoring elements and fasteners.
Support profile orientation: vertical / horizontal
Proposed system:

0.000 m² UP _____ TP _____

02.01.6 Aluminium two-layer substructure

Delivery and installation of an adjustable aluminium substructure for ventilated façades, flush and plumb-vertical in accordance with the implementation plan and structural requirements. The permissible fastening distances of the PREFA façade cladding must be taken into account for the support profile centre-to-centre distance. All cutting dimensions, notches, any necessary additional constructions on protruding and recessed corners, window lintels, reveals, etc., and fixing material must all be included in the unit price.

Wall angle bracket, thermal break, horizontal L- or T-support profiles and vertical hat profiles (omega profiles) or Z-profiles, including anchoring elements and fasteners.
Support profile orientation: vertical / horizontal
Proposed system:

0.000 m² UP _____ TP _____

02.01.7 Wood/aluminium substructure

Delivery and installation of an adjustable wood/aluminium substructure for ventilated façades, flush and plumb-vertical in accordance with the implementation plan and static requirements. The permissible fastening distances of the PREFA façade cladding must be taken into account for the support profile centre-to-centre distance. All cutting dimensions, notches, any necessary additional constructions on protruding and recessed corners, window lintels, reveals, etc., and fixing material must all be included in the unit price.

Aluminium wall angle bracket, thermal break, finger-jointed wood, including anchoring elements and fasteners.
Proposed system:

0.000 m² UP _____ TP _____

02.01.8 Wood substructure

Delivery and installation of a wood substructure for ventilated façades, flush and plumb-vertical, in accordance with the implementation plan and structural requirements. The permissible fastening distances of the PREFA façade cladding must be taken into account for the support profile centre-to-centre distance. All cutting dimensions, notches, any necessary additional constructions on protruding and recessed corners, window lintels, reveals, etc., and fixing material must all be included in the unit price.

Two layers (skip sheathing and counter battens) of finger-jointed wood, thermal break, including anchoring elements and fasteners.

Proposed system:

0.000 m² UP _____ TP _____

02.01.9 Surcharge added to the cost of the substructure for soffit cladding

Surcharge for soffit cladding. Substructure distance: max 500 mm; fastened mechanically (screws/rivets).

0.000 m² UP _____ TP _____

02.01.10 Steel bracket in the window lintel area

Delivery and installation of steel bracket in the window lintel area including attachment and fixing material.

Material quality: galvanised steel

Material thickness: 0.8 mm

Cutting dimension: up to 200 mm

Downstand: up to 2 pc.

0.000 m UP _____ TP _____

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Summary

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