

0100		Height of buildings 0 to 8 m
0101		Height of buildings 8 to 20 m
0102		Height of buildings 20 to 100 m
0103		Height of buildings more than 100 m
0110		Building site equipment
0111	m ²	Scaffolding costs
0112		Installation plans
0113		Calculation of statics
0114		Dowel removal tests
0120	m ²	Heat insulation
0130		Complications
0131	m ²	Substructure
0140	m ²	Rear-ventilated façade cladding FF2®
0141	m ²	Rear-ventilated façade cladding FF2® +
0142	m ²	Rear-ventilated façade cladding FF3®
0143	m ²	Hang-in cassettes
0150	m	Bottom façade flashing
0151	m	Top façade flashing
0170	m	Outside corners
0180	m	Inside corners
0190	pcs	Window sills
0200	m	Lintel flashing
0222	m	Side flashing
0230	m	Building expansion joint
0240	m	Pilaster strip
0250	m	Horizontal profiles for panel cladding

0100 Height of buildings 0 to 8 m

Height of buildings
The work is to be performed on a building with a total height of 0 to 8 m

0101 Height of buildings 8 to 20 m

The work is to be performed on a building with a total height of 8 to 20 m

0102 Height of buildings 20 to 100 m

The work is to be performed on a building with a total height of 20 to 100 m.

0103 Height of buildings more than 100 m

The work is to be performed on a building with a total height of more than 100 m.

- 0110 **Building site equipment**
- Equipment to clear the building site, building machine supply for all of the services listed in the performance specification.
- 0111 m² **Scaffolding costs**
- Assembler to provide scaffolding in accordance with the specifications of the German Mutual Indemnity Association for the necessary work on the façade. Working height: m
- 0112 **Installation plans**
- Installation plans
Installation plans for the façade cladding and for detailed plans for the edge flashing, in triplicate.
Scale:
- 0113 **Calculation of statics**
- Provision of the calculation of statics for the entire façade cladding, in confirmable form, including the dowel placement plans for drawings, in triplicate.
- 0114 **Dowel removal tests**
- All necessary dowel removal tests are to be acquired and recorded under this position.
- 0120 m² **Heat insulation**
- Delivery and professional installation of a mineral fibre heat insulation, waterproofed as per DIN 18165-1, non-combustible/flame-inhibiting as per DIN 4102-1 (building material class A/B1). Thermoconducting group 035/040, Application type W-w
Thickness:
Brand:
- Installed as single layer, close together. Fastening with adhesive and/or mechanically fastened in the centre with 5 heat insulation holders per m²

0130 **Complications**

Construction is complicated by

- Maintenance of the existing utilisation
- Restriction as per individual description no.

0131 m² **Substructure**

Delivery and professional installation of one vertical storey high/horizontal (l = max. 4.00 m) aluminium substructure calculable/construction supervisory authority approved, adjustable system overhang from to, as per calculation of the statics.

The substructure is a rear-ventilated façade cladding with Novelis prepainted aluminium FF2/FF2plus/FF3 as

- Flat sheet, visibly fastened
- Flat sheet, visibly fastened, horizontally edged
- Panel, concealed fastened Panel, visibly fastened
- Hang-in cassette, invisibly fastened

Align vertically a. horizontally.

Fastening in ground - in accordance with calculation of statics - consisting of, using dowel and screw combinations approved under building code/construction supervisory authority.

0140 m² **Rear-ventilated façade cladding FF2®**

Delivery and professional installation of an Novelis prepainted aluminium FF2 façade cladding, 2 mm thick, separate plan for tempered alloy: (Al Mg3 as per EN 573-3), H 42.

Colour structure:

Coated in paint tones as per standard colour chart of the manufacturer using the coil-coating process.

Colour , layer thickness approx. 25 µm (in case of metallic paint colours: four-layer structure with approx. 35 µm) back coated with protective lacquer, with printed identification number and Novelis symbol and arrow in direction of paint application. Visible side with removable, ultraviolet-resistant white protective film with Novelis symbol.

Standard plate dimensions:

1,500 x 3,000 mm.

The formats are to be ascertained from the installation plans and the associated calculation of the statics as to whether

- Flat sheet, visibly fastened
- Flat sheet, visibly fastened, horizontally edged
- Panel, concealed fastened
- Panel, visibly fastened
- Hook-in cassettes, invisibly fastened.

The sheets/cassettes/panels are edged horizontally:

up times
down times
vertically times.

Fastening is performed with bulb-tite blind rivets, alloy AlMg 5, d = 4.8 mm - 5.2 mm, brand , in accordance with the calculation of the statics, including coloured cap or bulb-tite blind rivets with coloured coating.

0141 m² **Rear-ventilated façade cladding FF2® +**

Delivery and professional installation of an Novelis prepainted aluminium FF2plus façade cladding, 2,2 mm thick, separate plan for tempered alloy: (Al Mg3 as per EN 573-3), H 42.

Colour structure:

Coated in paint tones as per standard colour chart of the manufacturer using the coil-coating process.

Colour , layer thickness approx. 25 µm (in case of metallic paint colours: four-layer structure with approx. 35 µm) back coated with protective lacquer, with printed identification number and Novelis symbol and arrow in direction of paint application. Visible side with removable, ultraviolet-resistant white protective film with Novelis symbol. Standard plate dimensions: 1,500 x 3,000 mm.

The formats are to be ascertained from the installation plans and the associated calculation of the statics as to whether

- Flat sheet, visibly fastened
- Flat sheet, visibly fastened, horizontally edged
- Panel, concealed fastened
- Panel, visibly fastened
- Hook-in cassettes, invisibly fastened.

The sheets/cassettes/panels are edged horizontally:

up times
down times
vertically times.

Fastening is performed with bulb-tite blind rivets, alloy AlMg 5, d = 4.8 mm - 5.2 mm, brand , in accordance with the calculation of the statics, including coloured cap or bulb-tite blind rivets with coloured coating.

0142 m² **Rear-ventilated façade cladding FF3®**

Delivery and professional installation of an Novelis prepainted aluminium FF3 façade cladding, 3 mm thick, separate plan for tempered alloy: (Al Mg3 as per EN 573-3), H 42.

Colour structure:

Coated in paint tones as per standard colour chart of the manufacturer using the coil-coating process.

Colour , layer thickness approx. 25 µm (in case of metallic paint colours: four-layer structure with approx. 35 µm) back coated with protective lacquer, with printed identification number and Novelis symbol and arrow in direction of paint application. Visible side with removable, ultraviolet-resistant white protective film with Novelis symbol. Standard plate dimensions: 1,500 x 3,000 mm.

The formats are to be ascertained from the installation plans and the associated calculation of the statics as to whether

- Flat sheet, visibly fastened
- Flat sheet, visibly fastened, horizontally edged
- Panel, concealed fastened
- Panel, visibly fastened
- Hook-in cassettes, invisibly fastened.

The sheets/cassettes/panels are edged horizontally:

up times
down times
vertically times.

Fastening is performed with bulb-tite blind rivets, alloy AlMg 5, d = 4.8 mm - 5.2 mm, brand , in accordance with the calculation of the statics, including coloured cap or bulb-tite blind rivets with coloured coating.

0143 m² **Hang-in cassettes**

Hang-in cassettes are edged horizontally
up times
downtimes
verticallytimes.

Notching/riveting of butt straps with notches as a bayonet catch lock is carried out in accordance with the calculation of the statics und sub-structure. Including all required preformed gaskets, accessory components and, possibly, braces in the case of hang-in cassettes.

- 0150 m **Bottom façade flashing**
- Delivery and professional installation of a bottom façade flashing made of an aluminium perforated angle and additional angle to serve as connection to the building base.
See detail drawing
- Façade distance mm,
Air entry opening min. 50 cm²/m,
Including required fastening material.
- 0151 m **Top façade flashing**
- Delivery and professional installation of a top façade flashing made of Novelis prepainted aluminium FF2/FF2plus/FF3 as described under Pos. no. ...
See detail
- Section length mm, edged.....times.
Including substructure, splice plates and fasteners. Air outlet opening min. 50 cm²/m.
- 0170 m **Outside corners**
- Delivery and professional installation of corner elements/hook-in corner elements 90° / ... ° made of Novelis prepainted aluminium FF2/FF2plus/FF3 as described under Pos. no.
See details
- Section lengthmm,
edged times
- 0180 m **Inside corners**
- Delivery and professional installation of corner elements/hook-in corner elements 90°/ ...° made of Novelis prepainted aluminium FF2/FF2plus/FF3 as described under Pos. no.
See details
- Section lengthmm,
edged times
- 0190 pcs **Window sills**
- Delivery and professional installation of window sills made of Novelis prepainted aluminium FF2/FF2plus/FF3 as described under Pos. no.
See details
- Section
length mm, edged longitudinally times and fitted with lateral upstand elements. Including brackets for fastening material.
Air outlet opening min. 50 cm²/m.

- 0200 m **Lintel flashing**
- Manufacture a. professional installation of the top flashing in case of window, gate, door and opening, of Novelis prepainted aluminium FF2/FF2plus/FF3 as described under
Pos. no. ..., by folding back the Novelis prepainted aluminium FF2/FF2plus/FF3-element/hook-in cassettes of
Pos. no.
See details
- Lintel depthmm.
Including required flashing profiles for fastenings. Air entry opening min. 50 cm²/m.
- 0222 m **Side flashing**
- Manufacture a. professional installation of a side façade flashing by folding back the Novelis prepainted aluminium FF2/FF2plus/FF3-elements/hook-in cassettes from Pos. no.
See details
- Depth mm
- Including required flashing profiles and fasteners.
- 0230 m **Building expansion joint**
- Manufacture a. professional installation of a building expansion joint with a suitable substructure.
- 0240 m **Pilaster strip**
- Manufacture a. professional installation of pilaster strips from Novelis pre-painted aluminium FF2/FF2plus/FF3 as described under Pos. no.
See details
Section lengthmm,
edged times
- 0250 m **Horizontal profiles for panel cladding**
- Manufacture a. professional installation of z-shaped Novelis prepainted aluminium FF2/FF2plus/FF3 profiles and described under Pos. no.
See details
Section length ... mm,
edged ... times.
Use as bottom façade flashing/horizontal joint profile/support angle/parapet connection angle/roof edge connection angle.
Including required brackets, fasteners for splice plates; keep capability to expand in consideration.