



ruby red

Terracotta façades

rainscreen cladding – back-ventilated – heat-insulated





Tinglev Town Hall/DK
Architects: Hansson A/S, Rødekro/DK
Special colour (coloured assortment)
Surface: standard

LONGOTON® terracotta façade

The LONGOTON® terracotta façade is our response to the increased demand from planners and architects for large format terracotta façade elements.

New dimensions:

Panel length from 150 mm to 3000 mm

Panel height from 150 mm to 600 mm

On request panel height of up to 1000 mm are possible.

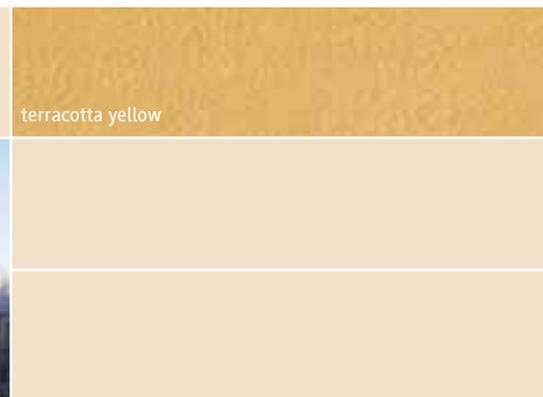
Service and advice at MOEDING means:

- Comprehensive support in planning
- Technical support at the planning and building stage
- A strong field and office sales team
- Competent sales partners in more than 60 countries

We fulfil the planner's needs.

Quality

Quality assurance on the façade elements is done by our own continuous monitoring as well as regular external monitoring by test institutes according to the standards of the certifying body "Güteschutz-Ziegel für das Land Bayern e.V."



terracotta yellow



Strict division of functions in wall construction

The back-ventilated and heat-insulated façade – the ideal design principle for external walls

Dividing the physical and technical building functions and allocating them to the different layers of the wall design, results in the following benefits:

- Much lower heat loss
- Reliable heat protection in summer
- Effective weather protection and specific wicking of moisture
- Simple planning and assembly

Due to its optimum material properties, the MOEDING façade system offers these benefits in addition:

- Resistant to all kinds of aggressive environmental influences
- Attractive patination
- Long life span and high cost-effectiveness
- Can be universally applied in new construction and when renovating old buildings
- High architectural design quality

The back-ventilated and heat-insulated face for modern wall construction

The monolithic wall design meets the structural requirements on contemporary designs or old building renovations only with restrictions. The façade is quite different, as in this case the various functions are considerably divided and are allocated to separate components. In this way each function can be consistently optimised in its own right:

- The supporting wall bears the static loads
- The heat insulation is correctly located in building physics terms
- The substructure for the façade cladding transfers its own weight and any wind loads
- Vaporous damp from the home diffused outwards and building moisture on new constructions, as well as penetrating façade water are reliably dissipated by the back-ventilation
- And finally the façade cladding acts as a barrier to driving rain for the insulating material and substructure and above all as a design element



Dillenburg police station
Architects: Rohrbach & Schmees, Giessen
Colour: brick red
Surface: standard

brick red



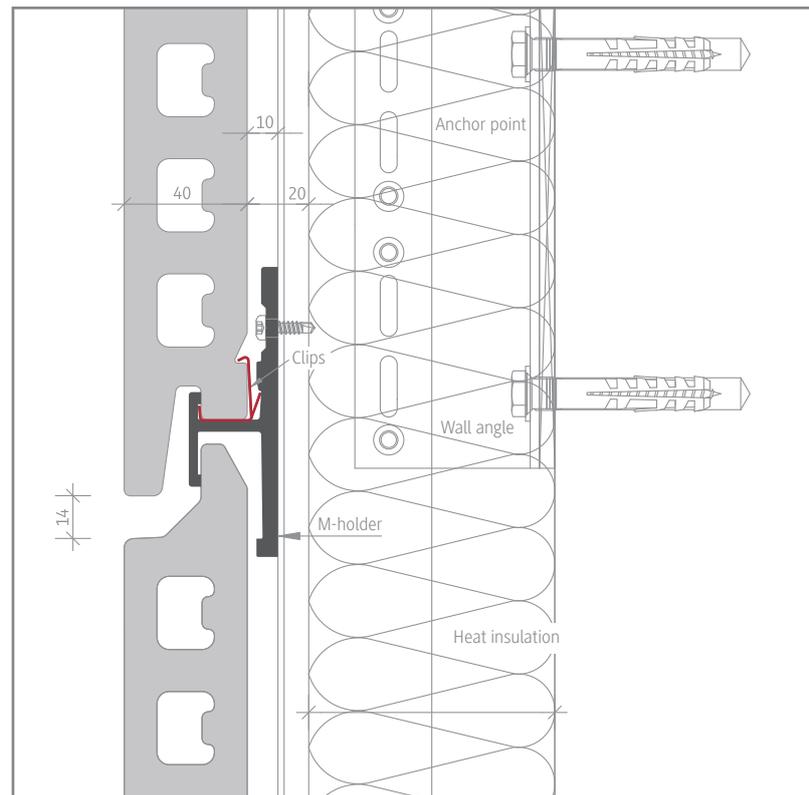
LONGOTON® rapid

The patent pending Longoton rapid terracotta facade system opens up whole new options in facade construction. The tile holders are fitted with a stainless steel spring at the factory. This is inserted into a groove on the reverse side of the panel, thus preventing the panel from being taken off unintentionally.

Assembly is done quite differently to the previous method: All panel holders for the façade being assembled are fastened with hollow rivets or self-tapping stainless steel screws to the vertical profiles. Once the substructure is fully assembled with all tile holders, the terracotta tiles are fitted completely without tools. The stainless steel spring on the tile holder slots into the groove when the terracotta tile is fitted and secures the tile.

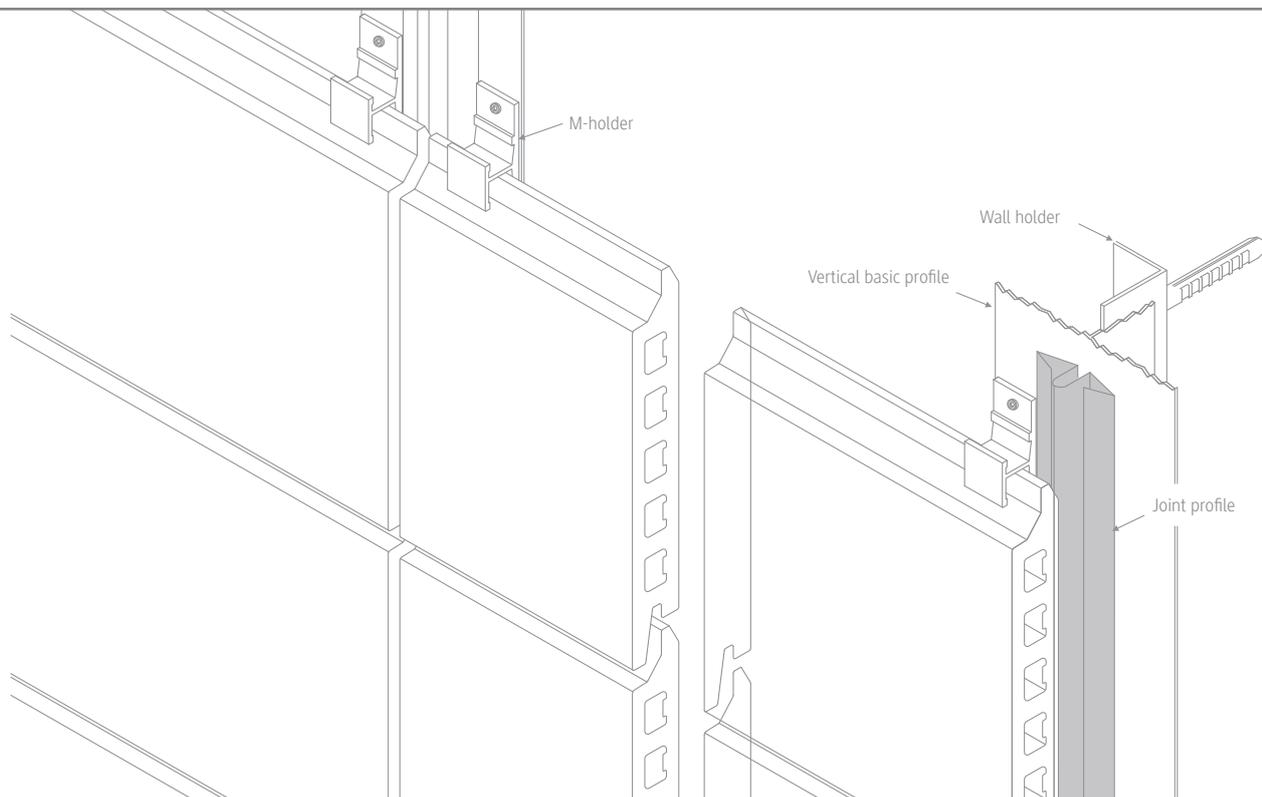
As a result there is no longer any prescribed sequence of installation. It is possible to start assembling the terracotta tile at the top of the scaffolding and to work downwards one floor at a time.

This means that the scaffolding can be dismantled floor by floor. This considerably reduces the scaffolding costs. Due to the fact that once all tile holders have been fastened, only the terracotta tiles need assembling, the installation time is reduced.





Headquarters of Vogtland Sparkasse, Plauen
Architects: OBERMEYER ALBIS-BAUPLAN, Plauen
Colour: brick red
Surface: sand-blasted



Basic components of the LONGOTON® façades

LONGOTON® façade system

The new LONGOTON® terracotta façade comes in lengths from 600 to 3000 mm in gradations of 1 mm.

The basic components that make up the composition are terracotta tile, aluminium tile holder and aluminium joint profile.

The terracotta tiles are fastened to the support profile using concealed holders. The holders are not visible, so the joint pattern is not interrupted.

The strong fold on the terracotta tile ensures the required stiffness and also withstands extreme demands. The extruded façade elements are fired out of high quality clay and are fully imbued with colour. Due to the very high firing temperature and the long firing period, the best strength is achieved. The tile elements are double-walled and 40 mm thick. They are exactly cut to length and right angles.

All materials are resistant to frost, corrosion, dye and light and can also withstand aggressive media. The whole material can be recycled. The LONGOTON® terracotta façade complies with DIN 18516 Part 1, Dec. 1999.

LONGOTON® joint profile

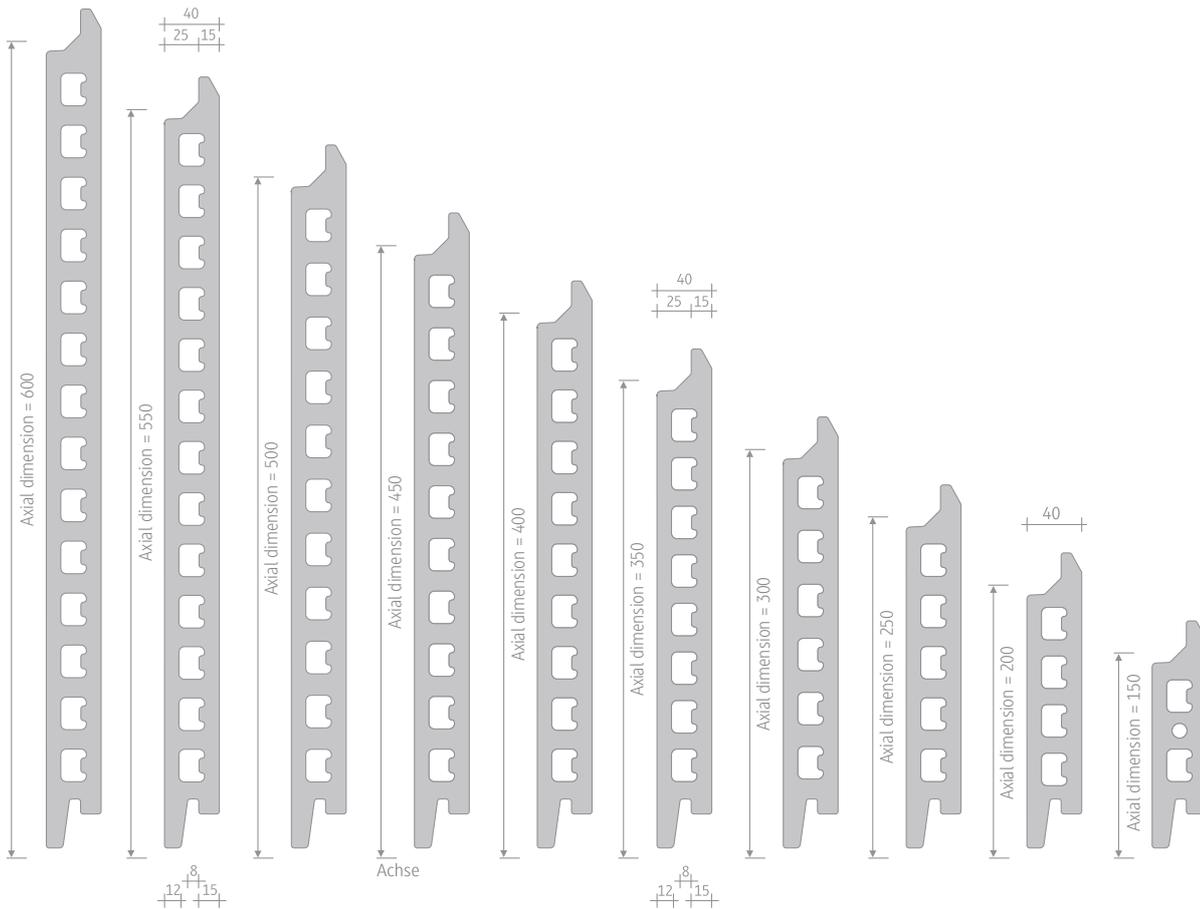
Aluminium joint profiles located in the vertical joints prevent panels from rattling in the wind, driving rain from penetrating and in particular the panels from moving sideways and thus guarantee a very exact joint pattern. There are profiles for joint widths of 10 mm, or alternatively 8 mm.

Joint profiles are available both for centre joints and end joints, matching all panel colours.



cream

Kroymans car showroom, Berlin
Architects: borgers GmbH, Stadtlohn
Colour: cream
Surface: standard



Panel height

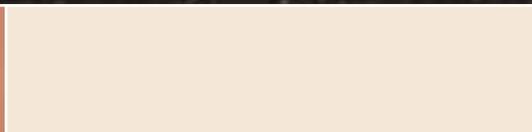
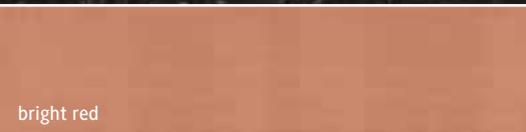
- 150 mm 400 mm
- 200 mm 450 mm
- 250 mm 500 mm
- 300 mm 550 mm
- 350 mm 600 mm

Panel length

- 150–3000 mm
- In gradations of 1 mm

On request panel height of up to 1000 mm are possible.





Kindergarten Kastanienburg, Landshut
Architects: Bauforum, Landshut
Colours: light red, rosé, amber, champagne
Surface: standard



Material und colours

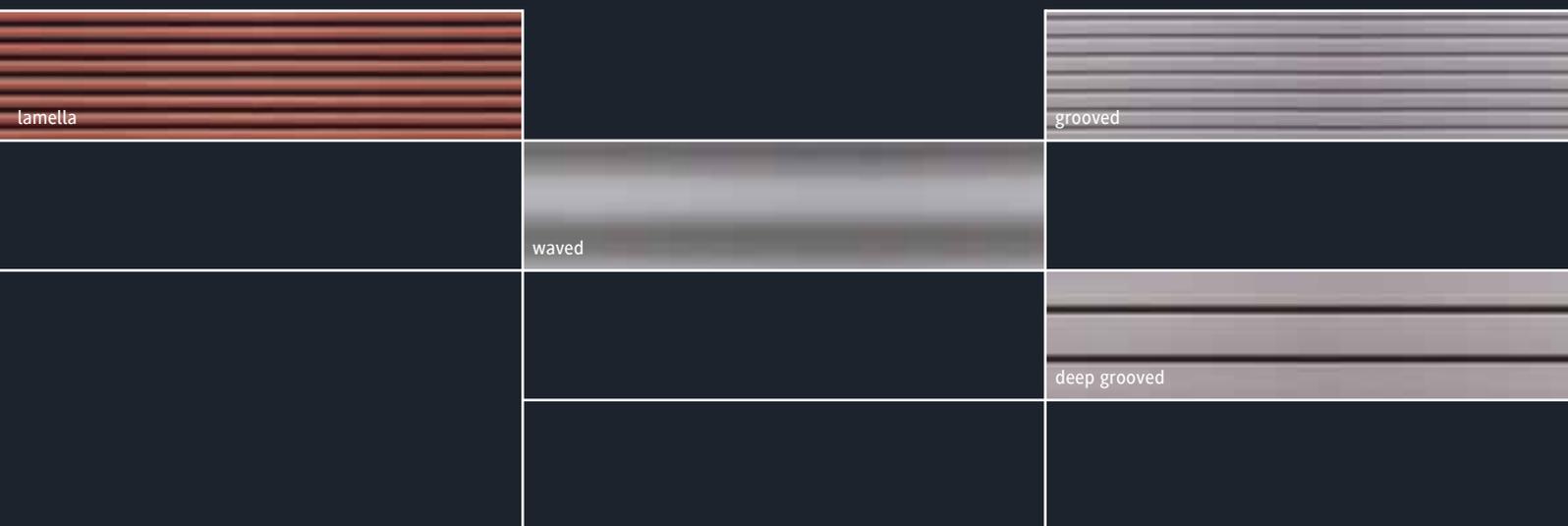
Thanks to its ideal properties, the traditional terracotta material suits new and historic architectural shapes. It ages over decades with a fine patina.

The façade elements can be supplied in the 16 standard colours above. Special colours are possible on request.

All colours are the true colour of the terracotta body, so that neither side-cuts nor damage to the surface are able to reveal a different coloured looking body.

The colours and surfaces listed here represent our standard range.

Other surface textures, glazed surfaces, different special types such as blinds or sunscreen plus a wide range of colours are available.



Surfaces

Besides the standard version, you can also get all colours smooth with brushed with lightly textured surface.

For a more eye-catching look there are grooved, deep grooved and waved panel surfaces. The combination of light and shadow results in visually 3-dimensional impressions.

Another example is the lamella panel, which is also available in a perforated version to give an individual backlighting effect.

On special request we design surface textures with a particular architectural quality.

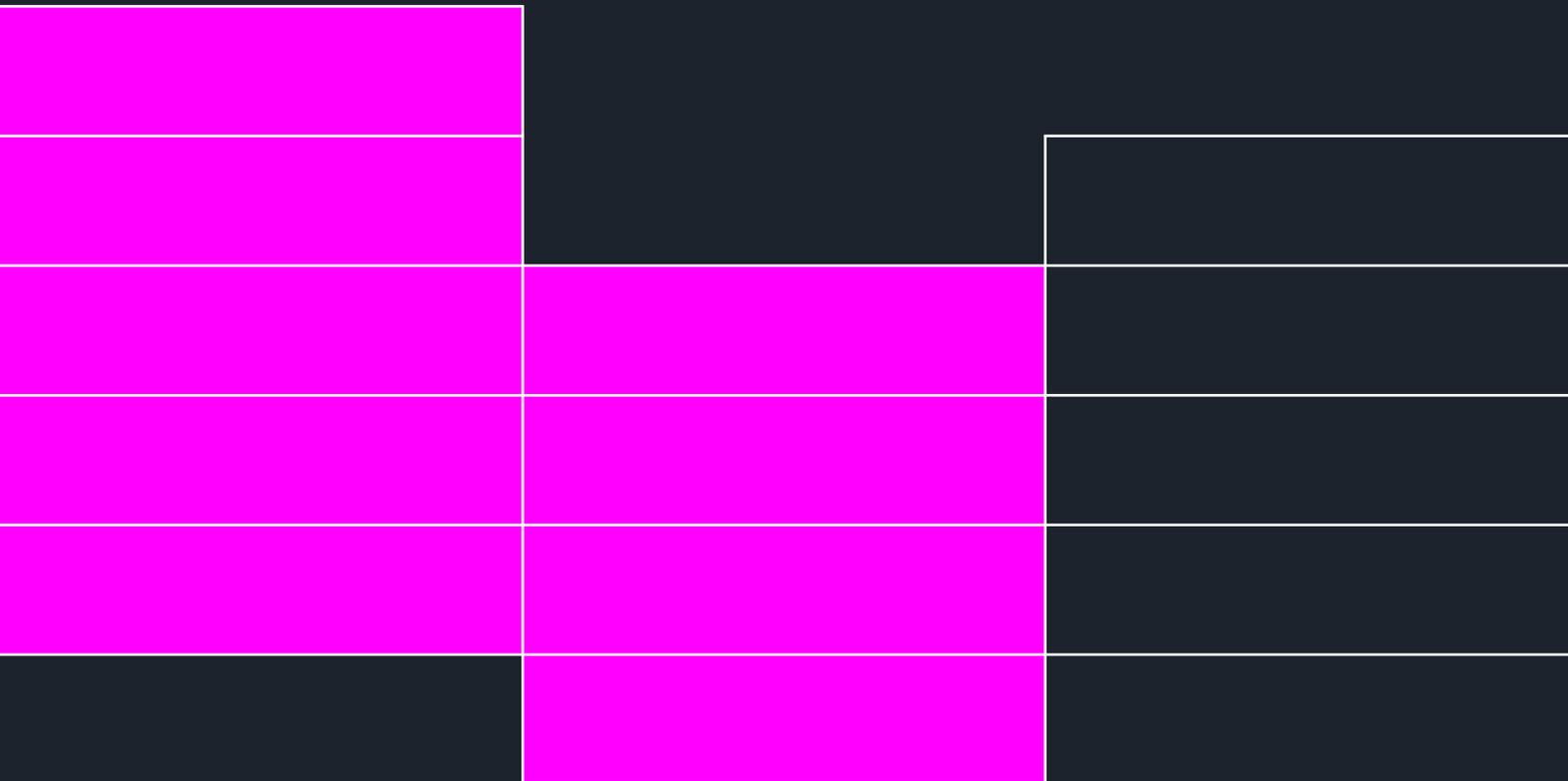
Glazed surfaces

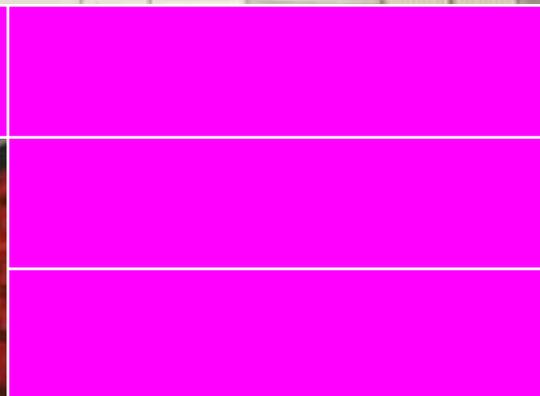
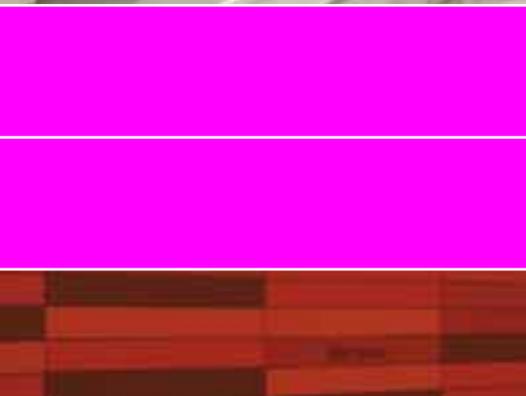
The LONGOTON® terracotta façade also comes with a glazed panel surface.

The brilliant sheen forms a particular appeal, which has an effect on the whole façade, but also comes with individual features such as bandings, ornaments or individual patterns which grab the onlooker's attention.

The glazed tile elements can be combined with all other LONGOTON® system parts.

- Brilliant colouring
- Dirt-repellent
- Other colours are possible





Wartenau underground station, Hamburg
Architects: Hamburger Hochbahn AG, Peter Tommek
Colour: 6 different shades of red
Surface: glazed

Sunscreen and blinds

The baguettes and lamellas in the LONGOTON® façade system on the one hand provide creative freedom, whilst on the other hand, function and uses are stylishly adopted to the architecture.

The use of MOEDING shading and sunscreen elements keeps the unity of the structure visible. An unnecessary and awkward mixture of building materials is therefore easily circumvented.

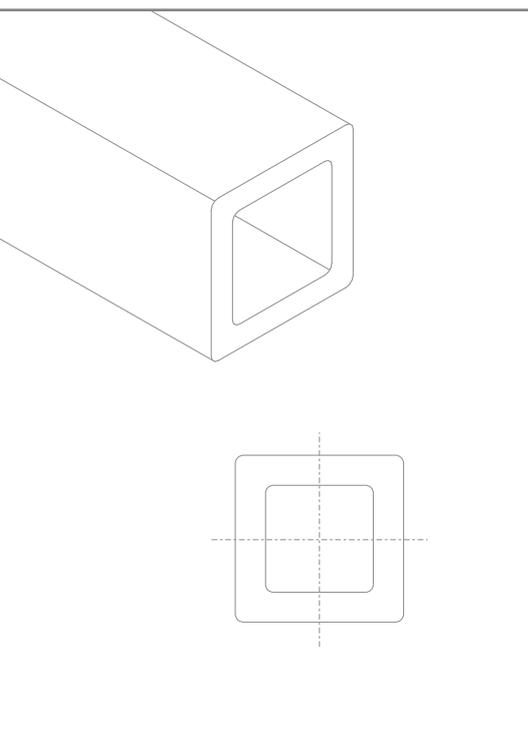
The baguettes and lamellas can be produced in different dimensions and wall thicknesses.

The formats can be easily transferred to the façade pattern and can be produced afterwards for each project.

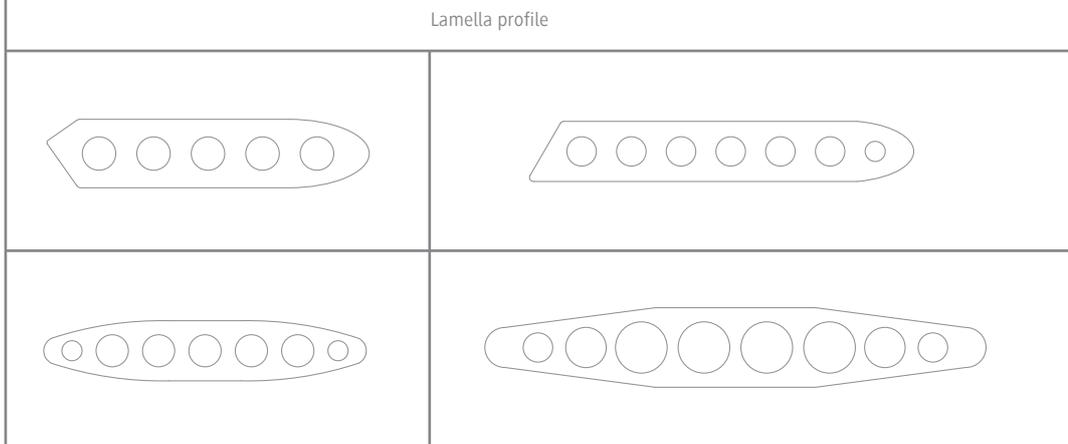
Finished parts can be prefabricated from several baguettes.

Baguettes are used as an additional design element for façade details:

- Windows
- Ventilations outlets
- Air conditioning
- Passageways
- Outdoor corridors
- Stairways
- Balcony areas
- As a blind and/or light shield in front of glass



Baguette





Centro Direzionale Dal Negro, Treviso

Architects: Studio Ingegneria Tiziano Bonato di Treviso +

Fabrizio Fontana, Padova

Colour: ruby red

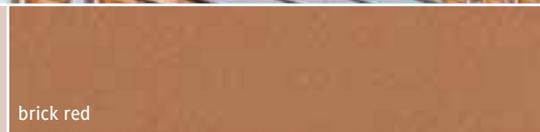
Surface: standard



terracotta beige



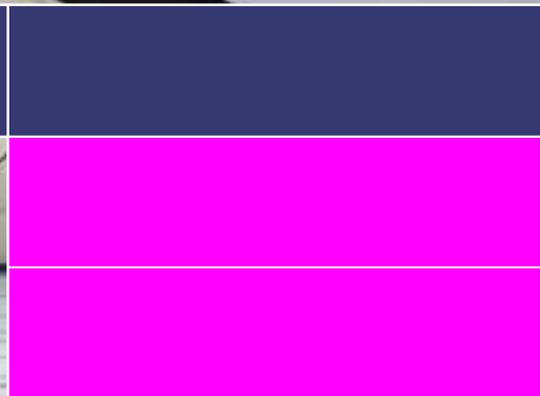
Apartment Euskirchen
Architects: Landsberg, Euskirchen
Colour: terracotta beige
Surface: standard



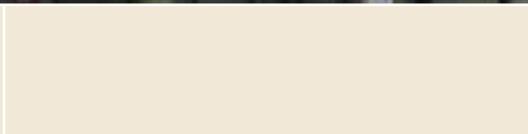
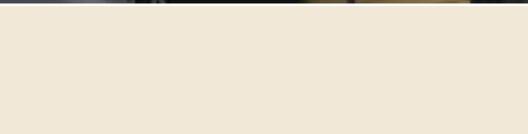
brick red



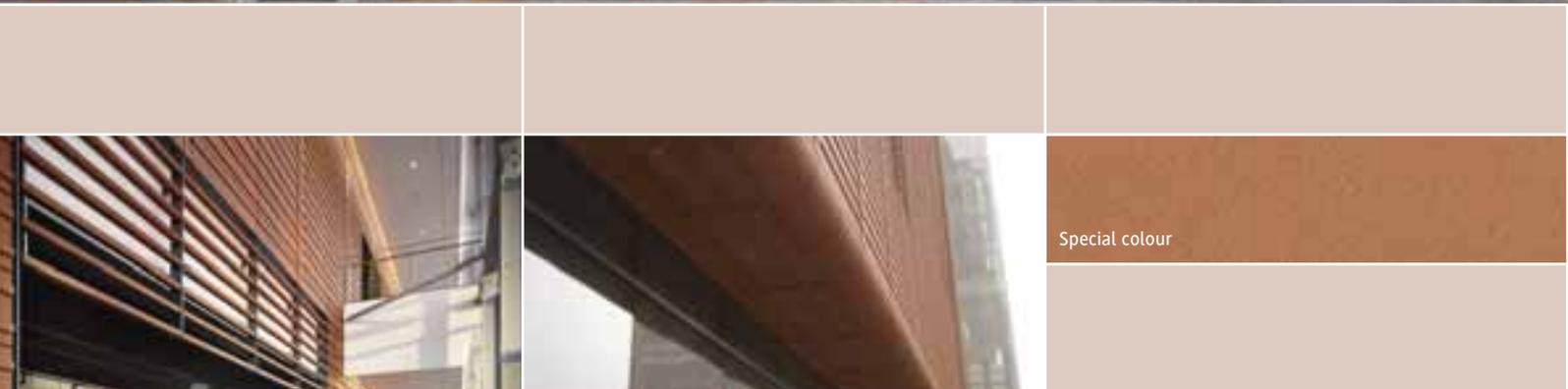
Patio Sevilla Céramique, Maastricht, NL
Design: Cruz y Ortiz Arquitectos, Sevilla/E
Execution: Hoen Architekten BNA, Maastricht/NL
Colour: brick red
Surface: special surface with hooknose



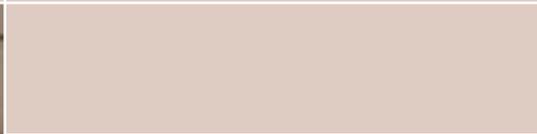
Wandsbeker Chaussee underground station, Hamburg
Architects: Hamburger Hochbahn AG
Colours: blue, white
Surface: glazed



Sparkasse, Mühlacker
Architects: KBK Architekten, Stuttgart
Colour: terracotta beige
Surface: grooved, standard



NMAJH - National Museum of American Jewish History
Architects: Polshek Partnership Architects, New York
Special colour
Special surface





terracotta yellow



champagne



saffron



amber

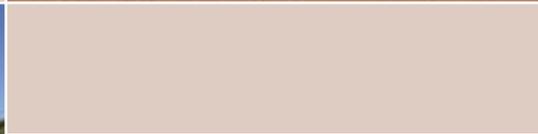
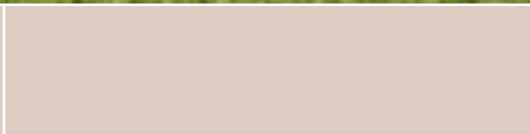
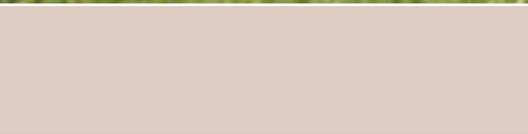


Waterfront, Washington

Architects: Shalom Baranes Associates Architects, Washington

Colour: terracotta yellow, champagne, saffron, amber

Surface: standard, grooved, glazed



Collège Jean-Jacques Rousseau, Darnetal
Architects: Atelier d'Architecture CARPENTIER DECLETTE à Vernon 27 & Versailles 78
Colour: brick red
Surface: standard
Special form: baguettes 150 mm x 60 mm



lamella

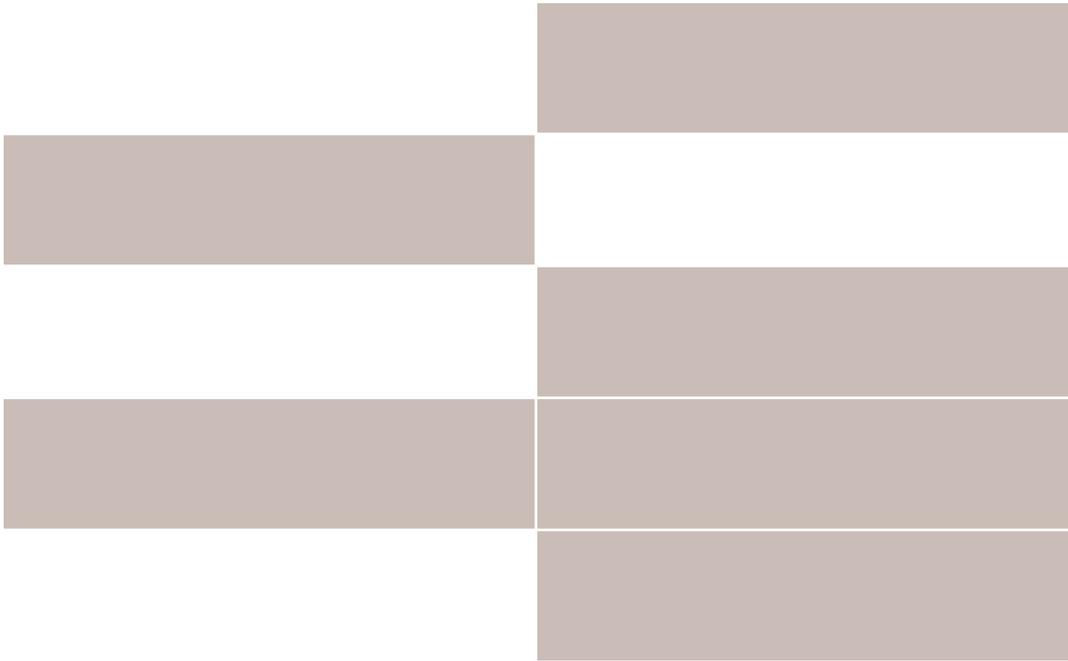


Ross School of Business, Michigan
Architects: KPF, New York
Colour: brick red
Surface: Lamella panel, grooved, standard



brick red





Moeding Keramikfassaden GmbH
Ludwig-Girnghuber-Straße 1
84163 Marklkofen
Germany
Fon +49 (0) 87 32/246-00
Fax +49 (0) 87 32/246-69
Internet: www.moeding.de

