

OBJECT FACT

ströher
Clinker. Ceramics. Competence.

2.15 GREEN TECH BUILDING MATERIAL CLINKER BRICK SLIPS SUSTAINABLE FACADES FOR CONTEMPORARY ARCHITECTURE



CITY WEST PFINGSTWEIDPLATZ
ZURICH, SWITZERLAND

PROPERTY DEVELOPMENT THAT DEMANDS STATUS
**UNIQUE 3D BRICK SLIP FOR ECCENTRICITY
IN TERMS OF FORM, COLOUR AND TILING EFFECT.**

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BUCKINGHAMSHIRE UNIVERSITY TECHNICAL
COLLEGE, AYLESBURY, ENGLAND

TIME IS MONEY
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PREDICTABILITY AS A GUARANTEE
OF EFFICIENCY.

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POWERFUL BUT NOT PRETENTIOUS
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A FORWARD-LOOKING BREATH OF FRESH AIR.

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DSB-SITE OFFICE AND COMMERCIAL COMPLEX
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BAR SHAPE BRICK SLIPS FOR
RECTANGULAR BUILDINGS
IMPRESSIVE LONG-FORMAT. VALUE-ADDING
HIGHLIGHTS FOR SIMPLE STUCCO FACADES.

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GERMAN CLINKER ENGINEERING PROVIDES SWISS UNDERSTATEMENT

Every facade design reveals the handling of vanity and status - providing demarcation. The renowned Swiss architect Markus Meili has brought clinker brick slips to new heights of eccentricity for a facade in Zurich's new in-quarter. And by doing so, he has challenged the conventions of the architectural brand in terms of form, colour and tiling effect.

PROPERTY DEVELOPMENT THAT DEMANDS STATUS UNIQUE 3D BRICK SLIP FOR ECCENTRICITY IN TERMS OF FORM, COLOUR AND TILING EFFECT.



Meili & Peter architects: "By using individual expression in cubage and facade design, the visual effect of an evolved structure emerged at Pfingstweidplatz. Biologically speaking, Haus A, B and C are siblings from the same gene pool – and yet different."

Old industrial quarters are increasingly being rededicated as residential areas, thus transforming them into hip areas that become new characteristic features of their cities. But it wouldn't be Zurich if this whole process was not carried out at the highest architectural level and with detailed Swiss precision. A subtle mixture of understated status and a choice of materials oriented towards a high degree of individuality allow for a price per square metre of 10,000 Swiss francs for the property, located directly beside the tracks of the main railway station. The apartments were all sold before construction began.

Haus B is the deceptively modest name of the building, which is located unspectacularly between Haus A, Haus

C and three high-rise buildings. From the foundations to the design of the facade, the word eccentric applies here. As the residential towers that already defined the silhouette of City West were created as polygons, the use of sharp corners as clear boundary markers were avoided with Haus B. The irregular cubage is, however, the result of the orientation of the facade to the perfect visual axis. Status also emanates from Haus B due to the unusual clinker brick slip facade.

An unobtrusively elegant clinker brick appearance, suited to the nostalgia of the location and yet exuding pioneering spirit, already makes it a flagship building in this industrial area. A 3D clinker brick slip as an architectural brand with a nose in brightly changing colour nuances



was the assignment of the architects, which STRÖHER was able to implement thanks to the extrusion process and an expert mix of a variety of burning temperatures.

The eccentric impression created by the clinker brick slip facade is reinforced by a vertical and horizontal laying direction, which enhances the characteristic noses to their optimal three-dimensional effect. Each resident can enjoy this clinker brick impression undisturbed every day, because there is an individual open-air space in front of every entrance door, with these also being clad with the unique clicker brick tiles on all sides.



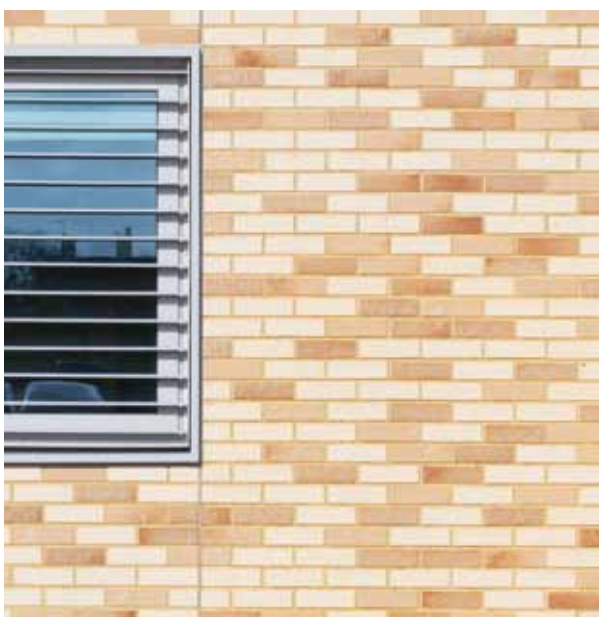
Precision in contrast - the park next to the building was designed by the landscaping architects Antón & Ghiggi with wild and original vegetation, as a suitable counterpart to the high-end architecture at Pfingstweidplatz. This serves as a reminder of the former cultural landscape of the site, which was originally used by farmers as a market pasture.



INDIVIDUAL ARCHITECTURAL FIRING LAID ON INDUSTRIALLY-MANUFACTURED PANELS

The highly-optimised time and cost frameworks for public buildings is usually an excluding criteria for complete clinker brick slip cladding. But general contractor BAM Construction did not wish to compromise on their desire to unify efficiency and individuality for the facade. And where there's a will, there's a way.

TIME IS MONEY THIS IS ALSO TRUE FOR FACADES. PREDICTABILITY AS A GUARANTEE OF EFFICIENCY.



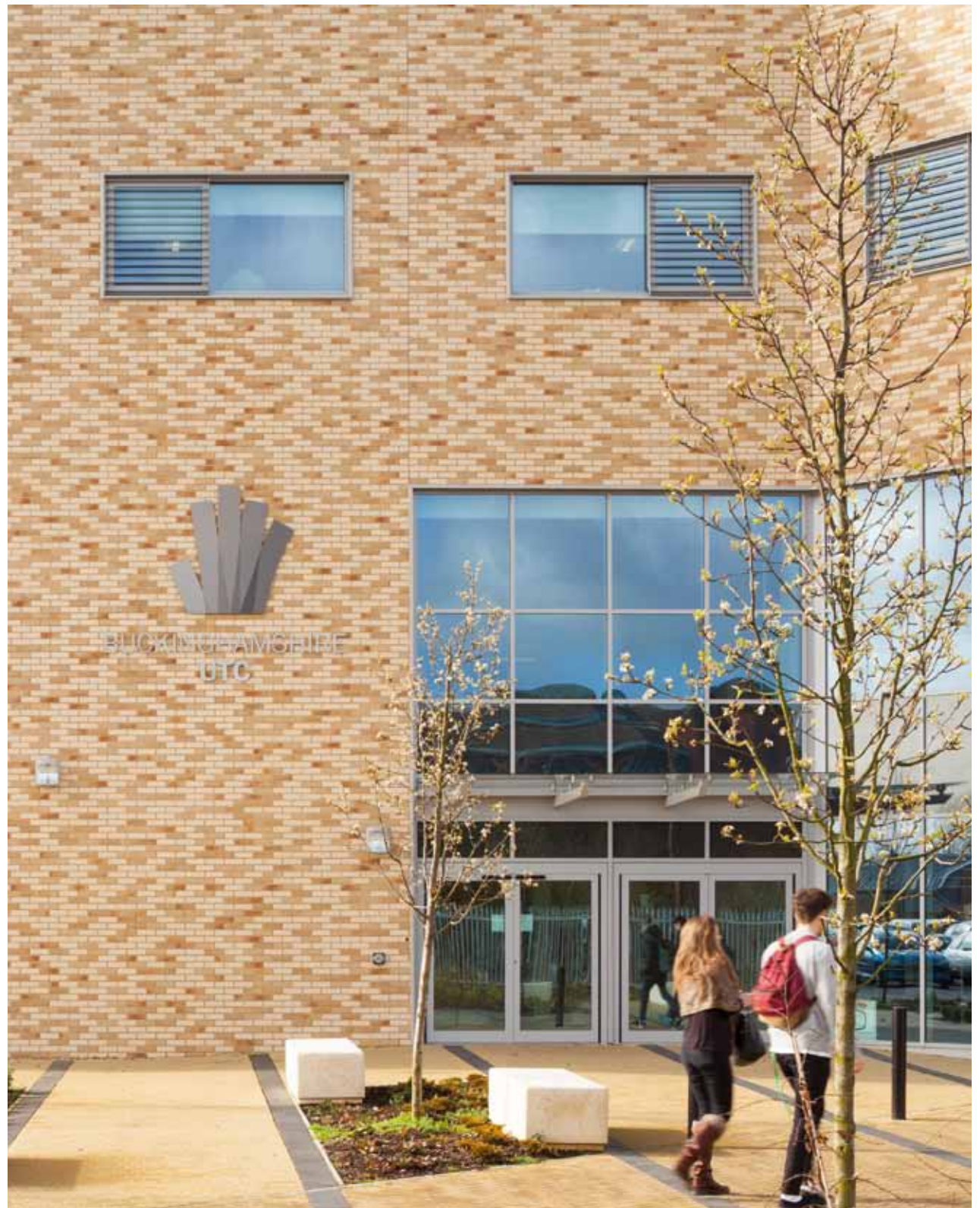
In order to provide the opulent clinker brick facade requested by the facade designers and architects despite cost restrictions, a modern variant of clinker brick slip cladding was decided on in Aylesbury. This method can mean that the classic perfect laying effect suffers. However, it makes the process independent of unpredictable and cost-intensive aspects such as laying time, laying weather and laying visual effect. What we are talking about here is a facade design with industrially prefabricated clinker brick panels.

But these can also be fitted as for the Technical College, with individually produced clinker brick tiles and individually specified laying patterns. As the aim was to achieve a laying pattern that was as natural as possible despite

using standardised panel cladding, three different laying patterns were specified as panel types according to the design specifications of the architects. These were then attached to the facade in a specific recurring pattern on an aluminium support system.

A traditional clinker brick cladding look then emerges, but the installation process is much simpler and quicker. The cladding with unique STRÖHER products and the accompanying corner solutions can therefore be achieved with a high degree of cost certainty.

Clinker brick panels can be installed with space-saving mobile scissor lifts. No scaffolding was required in Aylesbury despite the complete facade cladding. This ena-



Luke Heathcote, BAM Design Manager: "We had to respect a very precise combination of efficiency and individuality. Industrially manufactured facade panels with clinker brick inserts that are individually designable in terms of colour, format or surface structure are therefore very economical. This STRÖHER architectural brand unique product can therefore be used, with accompanying corner solutions, in a very cost-efficient manner."

bled work to be done on it at the same time as other tasks were carried out. In this case, the pipework installation and the design of the outdoor facilities could be carried out very flexibly alongside the facade cladding. Factors that enabled, as a result of further savings in time, labour and materials, the architectural desire for a closed clinker brick facade to be implemented for a public building as well, despite the restricted cost and time budgets.





MODERN BRICK SLIP FACADE FLIRTS WITH HISTORIC BRICK TOWER

The structure of the internal spaces is as secure and protective as the external form is open and inviting. The architect Annette Axthelm has turned individuality and personality into comfort and homeliness. The clinker brick slip facade remains in keeping with the historical town image of Lüneburg and is integrated into the environment – but is still individual.

POWERFUL BUT NOT PRETENTIOUS.
MODERN CLINKER BRICK SLIPS AND TRADITIONAL BRICK.
A FORWARD-LOOKING BREATH OF FRESH AIR.



Flooded with light – living in harmony with nature. Bright, airy and light. A touch of modernity, clear structure, natural warmth.

Salt made the Hanseatic town of Lüneburg wealthy – and its buildings famous. The well-preserved gothic brick architecture of Lüneburg's old town is known internationally as a Hanseatic cultural treasure. However, the prestige building of Lüneburg University, designed by US star architect Daniel Libeskind – without a clinker facade – is now known as a prime example of bad planning and is mentioned even beyond state borders in the same breath as scandal projects such as the Elbe Philharmonic Hall in Hamburg and Berlin Airport. In this context, the "Wohnen am Wasserturm" project is not particularly spectacular. Although it has also created something of a stir in advance. This is because, in order for the residential project to go ahead, a dilapidated function hall that was contaminated with asbestos had to make way.

Some Lüneburg residents would have preferred to save the hall and not only make it into Europe's highest free climbing facility, but also a visitor attraction and PR magnet. The Potsdam architecture firm Axthelm & Rolvien was awarded the contract for the residential project.

Axthelm and Rolvien have made a name for themselves, particularly in Berlin, with imposing buildings in prominent locations. Yet Annette Axthelm is one of the understated greats of the architecture scene. She prefers to step behind her architecture and let the buildings speak for themselves. Her designs are works of art, but also fulfil the highest demands regarding functionality and comfort. Her buildings communicate with their environment. Her architecture is full of respect for the architectonic context in which she is planning. And a context that demanded attention was the harmonious

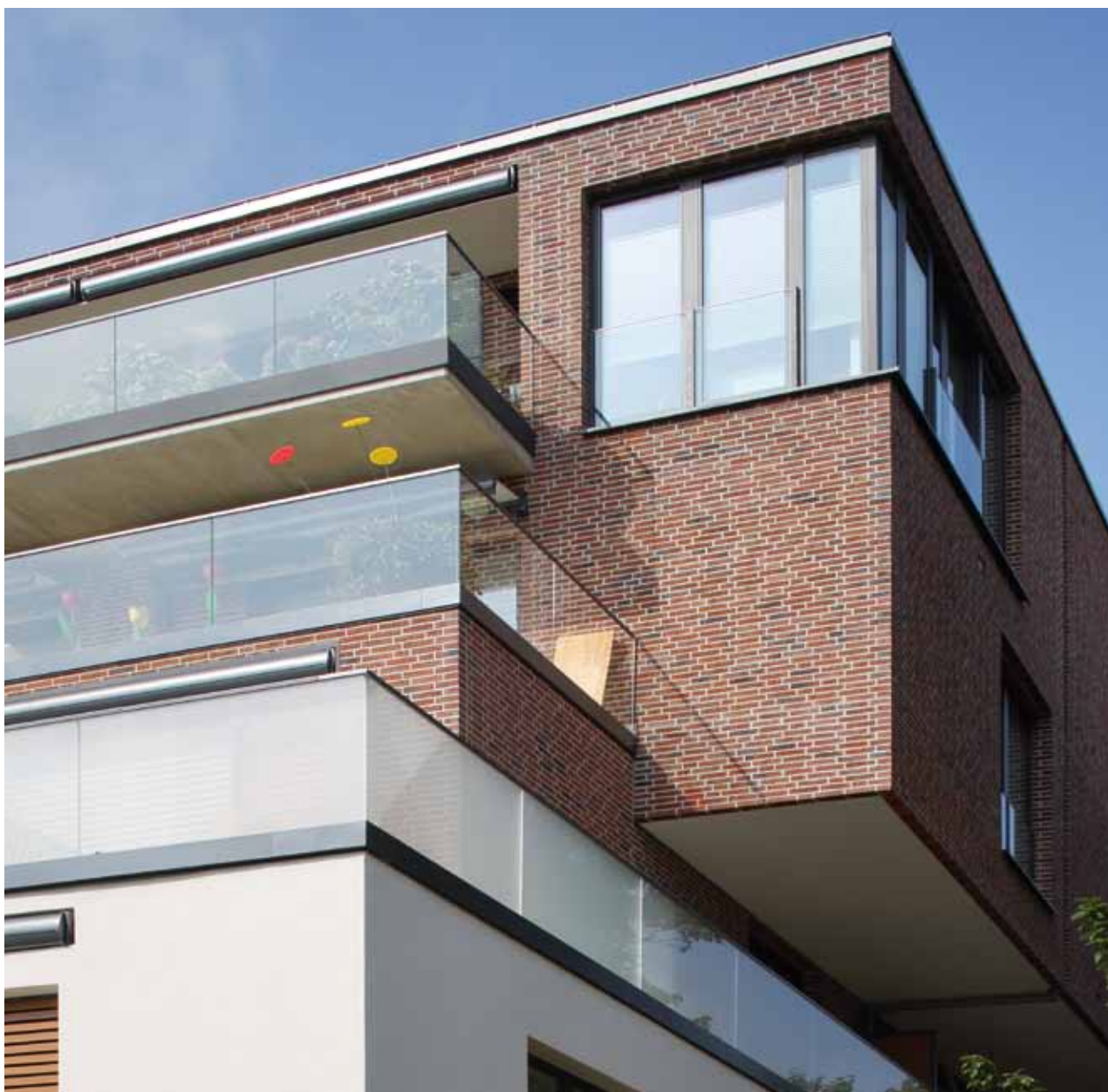


Out on its own and yet at the centre of the action: The apartments stylishly flank the central courtyard like a protective hedgerow. Trees and benches adorn the path to the front door. The green inner courtyard is only accessible to Wohnpark am Wasserturm residents. A private recreational and meeting zone among neighbours – right in the town centre. A space for wellbeing between Ilmenau and a pedestrian zone.



yet self-aware integration of the facade located in the immediate vicinity of a Lüneburg landmark, the traditional clay brick water tower. ZEITLOS eisenrost in DF was chosen. 1,770 m².

Because clinker has proven itself in Lüneburg for centuries, as demonstrated when even more came to light during excavations for the new underground car park for the residential facility. Excavation technicians found some 200 year old bullets in the ground, which is so rich in history. Town archaeologists attributed them to fighting during the Napoleonic Wars in 1813. But these war bullets highlight a very obvious feature of clinker – durability and protection. Ceramic fragments from the clinker wall that fortified the town at the time were found with the bullets. Some bullets smashed upon impact. A richly historical example of form and function!



EMPHASISE WITH CLINKER BRICK SLIPS

Overhead facades which appear as though they are floating sit enthroned on a solid clinker base - with window facades highlighted using clinker-clad long-formats bringing excitement to the restrained stucco facade. Glanzstücke № 1 and № 3 format 440 x 52 x 14 mm: 1,670 m² clinker brick slips in rectangular long format for a total of four long, rectangular building structures.



BAR SHAPE BRICK SLIPS FOR
RECTANGULAR BUILDINGS .
IMPRESSIVE LONG-FORMAT.
VALUE-ADDING HIGHLIGHTS FOR SIMPLE
STUCCO FACADES.



In a prominent location and visible from afar thanks to many free spaces, the four rectangular buildings of the centrally located office and commercial area between the inner ring road and Holstebrovej appear as if they are floating. When viewed from closer range, the complete ground floor reveals itself to be a stabilising dark clinker brick base.

But only on much closer inspection can one recognise bright long-format clinker brick slips, which are embedded as clever value-adding highlights in the window facade, which looks like a closed surface. A design developed by the architecture firm KPF in Viborg for the restrained and yet exciting play with surfaces and the classic materials – glass, stucco and clinker brick slips.



OBJECTFACT #2.15

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