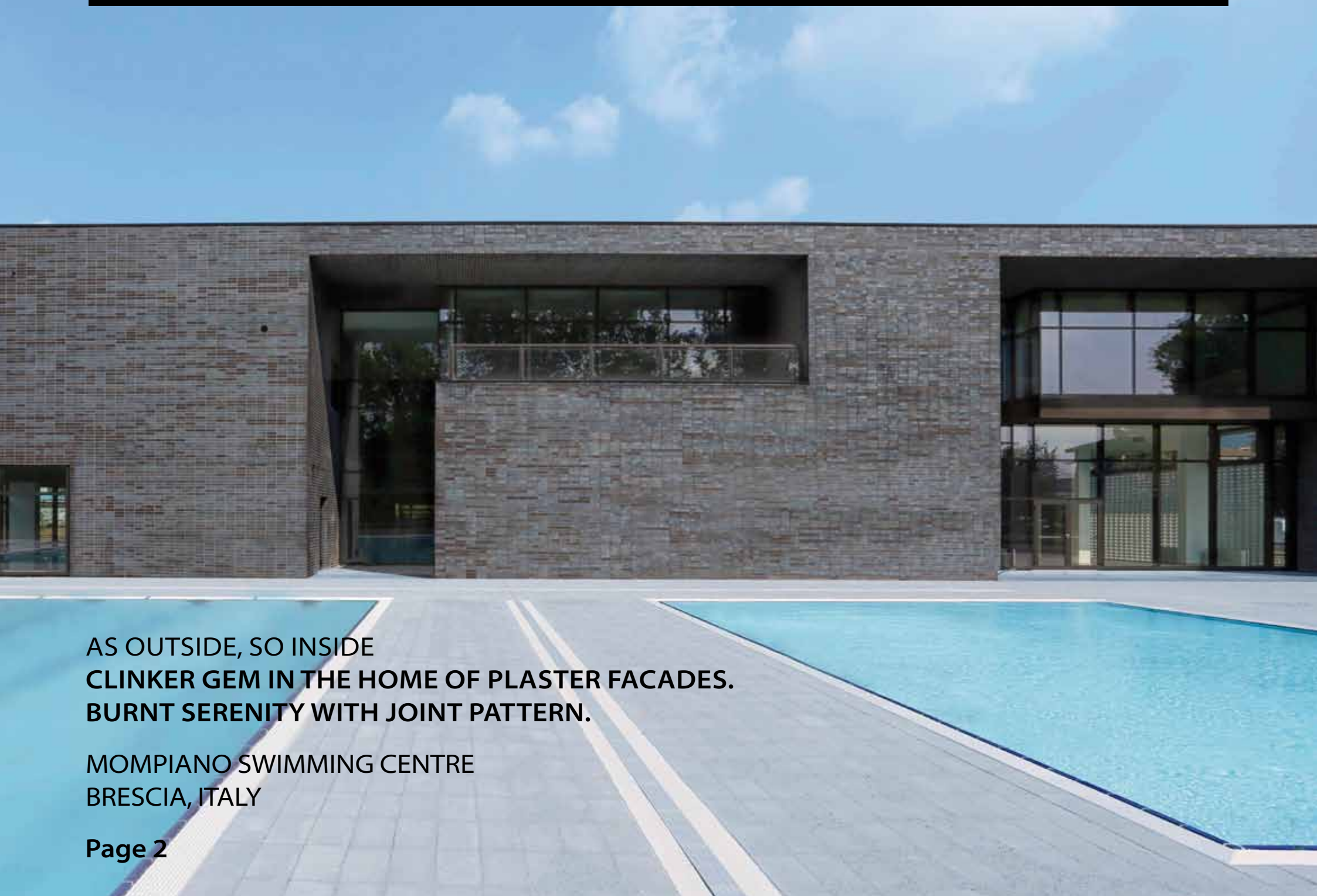


# OBJECT FACT

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Clinker. Ceramics. Competence.

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



AS OUTSIDE, SO INSIDE  
CLINKER GEM IN THE HOME OF PLASTER FACADES.  
BURNT SERENITY WITH JOINT PATTERN.

MOMPIANO SWIMMING CENTRE  
BRESCIA, ITALY

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BRICK SLIP DREAM  
LUSTENAU, AUSTRIA

CONTEMPORARY ARCHITECTURE  
PROGRESSIVE FACADES ARE  
ENERGY EFFICIENT.  
AND HAVE A STYLISH SHELL.

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CAMPUS II  
DORNBIRN, AUSTRIA

BUILDING AS A PROCESS  
TO FIND THE BEST POSSIBLE SOLUTION,  
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UNTIL THE END.

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MAX 13  
COLOGNE, GERMANY

ENDURING VALUES  
SOLID BUILDING STRUCTURE. NICE DETAILS.  
AND SINTERED BRICK SLIPS IN THE MAX 13  
ARCHITECTURE FIRING.

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**BOTTICINIS “INSIDE AND OUTSIDE” BRICK SLIP CONCEPT – MORE THAN “VISUAL CONTINUITY”.**

But what other facade material is better suited to withstand the large temperature fluctuations in Brescia outside and the permanently chlorine-laden air inside? This EIFS facade is not only progressive, but also a smart energy-saving skin.

## AS OUTSIDE, SO INSIDE CLINKER GEM IN THE HOME OF PLASTER FACADES. BURNT SERENITY WITH CONTINUOUS LINES.



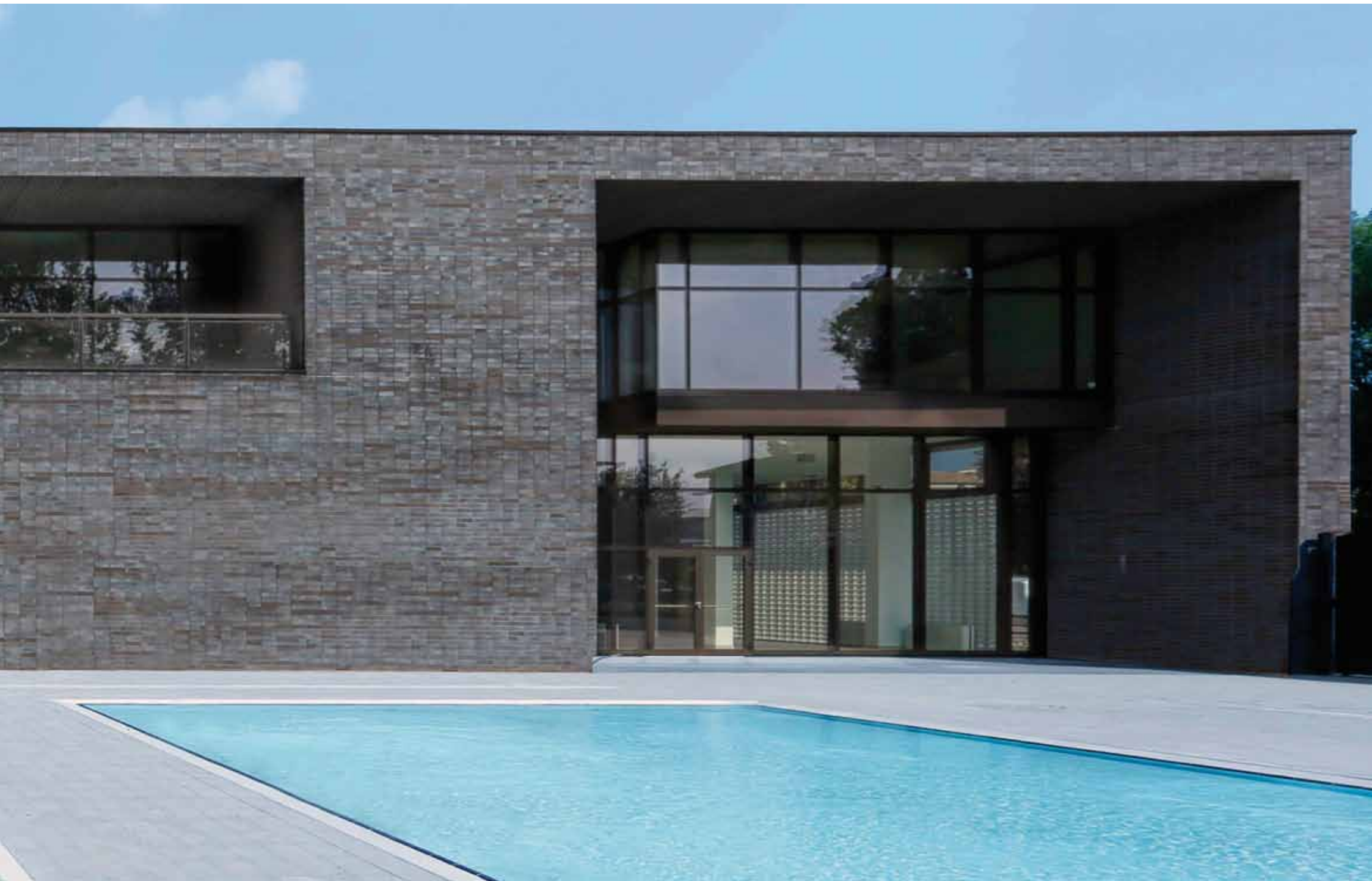
Top architect Botticini created the facade of the “Brescia Swimming Centre” using a total of 5,260 m<sup>2</sup> of clinker brick slips in “336 metallic black”.

“Senza fronzoli!” It is a nice coincidence that “Google Translate” translated the words used by one of the largest Italian architectural journals in the title of its report about this building as “without plaster”. Although it would be more correct to say: “without frills” – and fortunately both claims are true. This apparently archaic facade certainly gives a more progressive impression than plaster in the somewhat traditional neighbourhood of Mompiano. Sintered brick slips exude an inherent high-class quality, and in this building they cover not only the outside but also the inside.

Top architect Camillo Botticini calls his “matching inside and outside” facade concept “visual continuity”. Whatever one wants to call it, he has in any case claimed another international award in the „public buildings“ category with this stunning example of municipal architecture. This gem proudly fits into the established structure of the surroundings with aesthetic disharmony, in the process combining a surprising number of aspects of successful contemporary architecture. The compact volume of the almost 20,000 m<sup>2</sup> activity area is divided into subtly defined components, without losing its sense of unity.

Hidden behind the facade are three functional core areas. A water-polo competition pool (33 x 25 metres) with a stand and 800 seats. Indoor and outdoor sports pools for public bathing and a fitness centre with a bar area. Different entrances divide professional areas from leisure activities – these are thus independent. And yet everything seems very integrated in this building, including the outside areas.







### INTELLIGENT USE OF ENERGY – QUALITY MARK OF CONTEMPORARY ARCHITECTURE.

Less energy consumption for heating and lighting without compromising on comfort and safety. There is no contradiction: builders can make use of effective thermal insulation systems featuring modern cladding materials, as well as energy-saving heating systems and shading, indoor-climate and lighting systems with need-based control. Today, successful contemporary architecture means more than just a rectilinear design.

## CONTEMPORARY ARCHITECTURE PROGRESSIVE FACADES ARE ENERGY EFFICIENT. AND HAVE A STYLISH SHELL.



*Architect Peter Oles opted for STRÖHER clinker brick slips from the Zeitlos range in the colour "kohlegranz". A total of 375 m² of clinker brick slips with the NF format, as well as 1,200 matching corner tiles, were used on the facade.*

Successfully placing rectilinear contemporary architecture in the midst of a development plan with a gable roof requirement is a challenge. At least there were no legal building requirements in terms of the facade design for this detached house. Because the contemporary facade is not only a beautifully designed shell – it is also a state-of-the-art skin that breathes due to the use of natural materials.

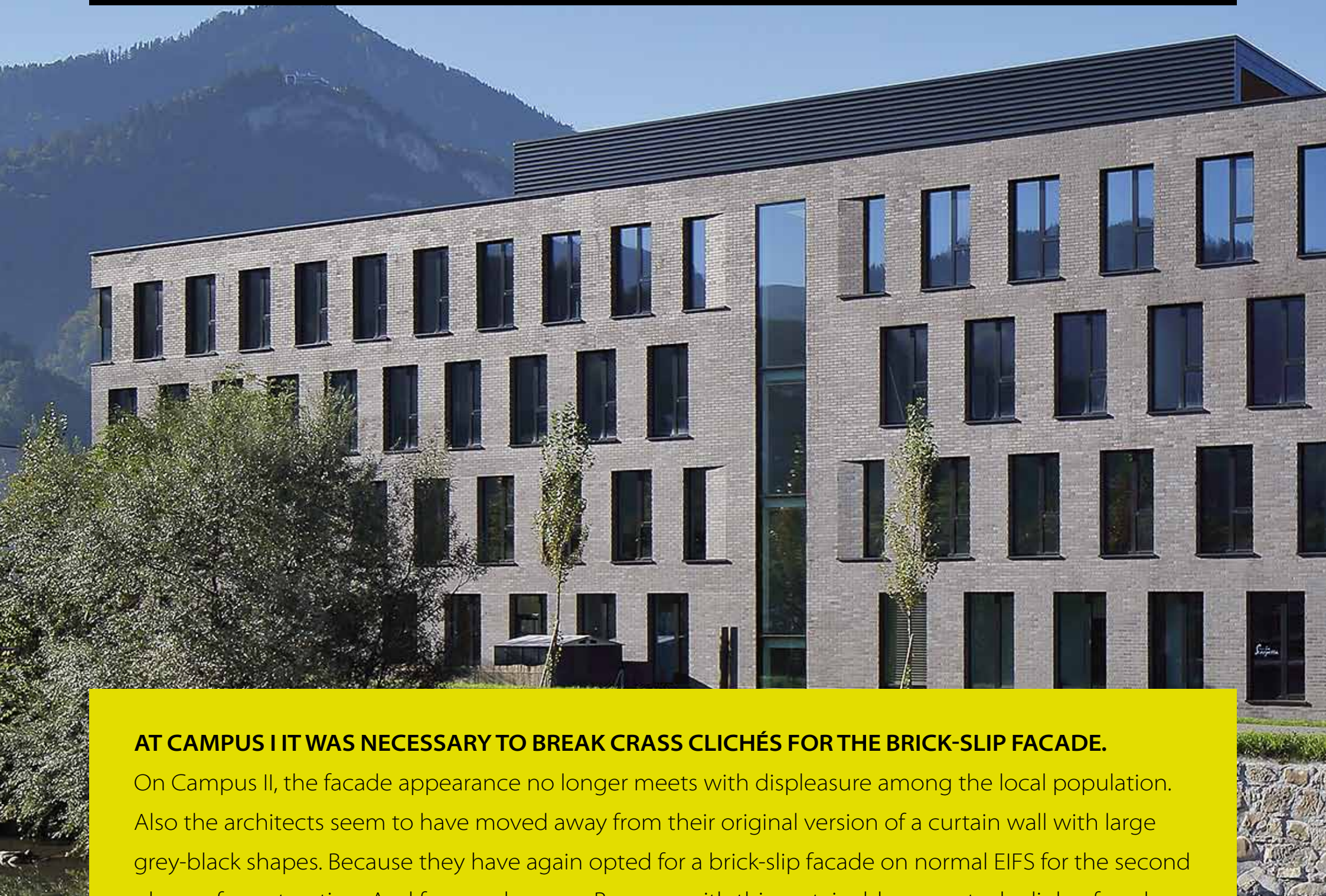
Contemporary architecture is a popular and generally overused term. But what does contemporary mean? What are the criteria for calling architecture "contemporary"? The skilful balance between livability, sustainability and design provocation? Transitionless room concepts with a strong connection between inside and outside? The contemporary facade, at least, is energy efficient, enduringly stylish, natural and easy to maintain.

On a 1,850 m² plot, two architects have created a unique building that stands out in an expanding market town with a population of 20,000. A building that polarises opinion not only in Lustenau. But then Vorarlberg's architects are well-known for progressive design. The Austrian architect Peter Oles has not only chosen to use clinker brick slips on the external facade. He also uses them as a design means to connect the exterior with the interior. Sintered brick slips and an exterior insulation and finishing system make the facade not only energy efficient and natural – but also enduringly stylish and easy to maintain. Or you could simply say contemporary.









**AT CAMPUS I IT WAS NECESSARY TO BREAK CRASS CLICHÉS FOR THE BRICK-SLIP FACADE.**

On Campus II, the facade appearance no longer meets with displeasure among the local population. Also the architects seem to have moved away from their original version of a curtain wall with large grey-black shapes. Because they have again opted for a brick-slip facade on normal EIFS for the second phase of construction. And for good reason. Because with this sustainable green tech clinker facade they were nominated for several facade prizes.

## BUILDING AS A PROCESS TO FIND THE BEST POSSIBLE SOLUTION, STAY OPEN. UNTIL THE END.

Situated directly next to the Dornbirn Ache river, the new second building measuring 2,800 m<sup>2</sup> now forms the northern boundary of the site. At 4 storeys high, it remains considerably lower than the 6 storey main building completed at the end of 2009. However, the design characteristics of the facades demonstrate unity: brick slips and floor-to-ceiling windows.

At Campus II, public event space and an entire floor containing very small, flexible office units – which can even be leased by the day – so-called “coworking space”, have been created. The already excellent site management services have been improved even further with a restaurant and an inter-company day nursery. Campus Dornbirn is now regarded as the prime location for business, knowledge and creativity in Vorarlberg. And the design forum based there is seen as the prime dialogue, presentation and networking platform for design and design-related disciplines.



*As was also the case with Campus I, the standard colour “336 metallic black” was modified to create a special architecture firing at the request of the architects Aicher Architekten. A total of 1,583 m<sup>2</sup> of brick slips were used during the second phase of construction.*









*1,300 m<sup>2</sup> of clinker brick slips were developed specially for this building as architecture firing No. 433 from STRÖHER. In addition, 13,846 corner tiles were produced to create a perfect brickwork effect on the facade.*

### **“TRADEMARK ARCHITECTURE” – DESIGN DETAILS THAT ADD VALUE.**

Floor plans oriented to the east and west – for open-plan living. Floor-to-ceiling windows and balconies with glass parapets – for optimal natural light. Architecture firing brick slips specially tailored to the Max 13 colour concept - for enduring high-quality and warm facade accents between cool, white plaster: trademark of architects a+m Architekten.

Architecture brand for buildings: our trademark.

## ENDURING VALUES SOLID BUILDING STRUCTURE. NICE DETAILS. AND SINTERED BRICK SLIPS IN THE MAX 13 ARCHITECTURE FIRING.



There are things one should not skimp on. Even, or perhaps especially, if it is a rental property belonging to a property fund. 101 affordable rental properties in a sought-after, inner-city residential area, Max 13 focuses on sustainability, compact floor plans and a solid building structure. But also has a sympathetic eye for the details.

Brick-built rather than a steel-framed or timber-framed construction. Even the shell of Max 13 is more than simply off the shelf. This is also reflected in the facade. Indeed, the six buildings are integrated into the architectural language of the „Max-Wallraff-Straße“ district and demonstrate belonging. In facade design, however, one works with contrasts. Here, the architects a+m Architekten play with asymmetrical arrangements and alternate the facade materials plaster, panels and clinker bricks slips.



The space allocation at Max 13 is mainly tailored towards 1-room and 2-room apartments. Investors expect the strongest increase in demand on the rental market to be in this segment over the next 20 years. With an eye on the future, as well as ample car parking spaces, it is also intended to provide 200 parking spaces for bicycles. The city is 10 minutes away by bike and the Stadtwald forest about 10 minutes on foot. There is a view of the cathedral by taking the lift to the upper floors. The 3-metre-deep balconies are an equally nice detail, as are the architecture firing brick slips, which are specially tailored to the Max 13 colour concept. A detail which promises enduring high-quality and warm accents for the facade.

### **OBJECTFACT #1.15**

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