

Mo Museum

Art between tradition
and innovation



IONIT

60% fewer aerosols –
scientifically proven

CREATIVTOP

A well thought-out play with
structure and colour

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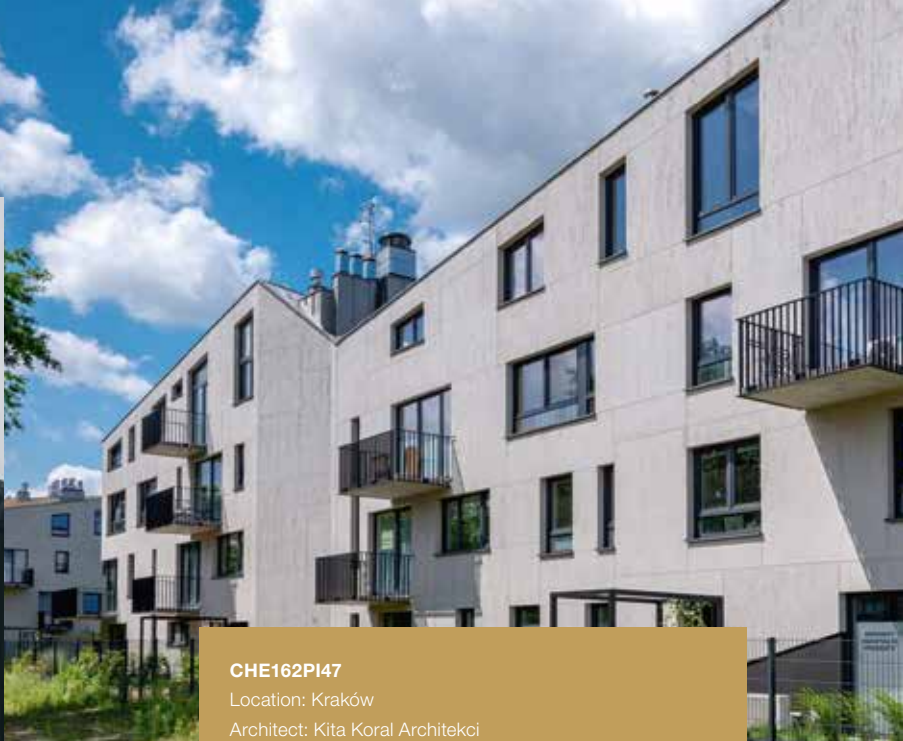


Original methods for more **Dynamics**

A well thought-out play with form and materials can lead to an interesting implementation and a new quality in urban space. A good example of this are the Krakow residential buildings CHE162PI47 and Tetmajera Residence - participants in the Polish "Facade of the Year 2020" competition with their creators Piotr Kita and Tomasz Koral.



Tomasz Koral und Piotr Kita



CHE162PI47

Location: Kraków

Architect: Kita Koral Architekci

Investor: Modern Living Development Sp.z o.o

Construction company: MARSEN GLOBAL Spółka z o.o.

Completion: 2020

Both buildings are characterised by an unusual shape and an equally original workmanship. What is behind its unique shape?

Piotr Kita: We always try to make buildings out of what surrounds them. That said, we strive to ensure that our projects fit in well with the context and, in a sense, set a new direction for development in a given area that allows the style of future investments to be ordered - especially when the surrounding buildings are chaotic. This was the case with CHE162PI47, where the environment consists of single and multi-family houses that do not have a uniform architectural concept. The shape of the building was strongly influenced by the previous design specifications with regard to the building size and the existing spatial conditions.

Tomasz Koral: In this case, buildings in the form of long and massive blocks were the optimal solution. To make it more dynamic, we used a kink in the facade and a roof construction with atypical geometry. As an additional measure, we used a loose window arrangement and optical partitions in the facade cladding, which made the massive structures more lightweight and at the same time retained a modern design. When planning Tetmajera, however, we were inspired by the details that appear in the traditional construction of the village of Bronowice, taking into account the spatial conditions and above all the context in the design of the building shapes. And that became the leitmotif.



Tetmajera Residence

Location: Kraków

Architect: Kita Koral Architekci

Investor: LOGI Sp.z o.o.

Construction company: Viam Estate Sp.z o.o.

Completion: 2020

EWI: Baunit ProSystem

Products used:

Baunit UniPrimer

Baunit StarTex

Baunit ProContact

Baunit NivoFix

Baunit CreativTop



Which guidelines did you follow when designing these investments?

Piotr Kita: We have to meet four identical assumptions for every project: the investor's specifications, spatial conditions, context and good aesthetics. The end result is a kind of compromise. The guidelines of the local spatial plan prescribe concrete solutions. The shape of the property and a number of spatial conditions are related to the delimitation of the shape of the building. The specifications of the investor, including the budget, are of great importance. It is important to balance all of these elements. We always strive to create unique buildings that meet high aesthetic standards.

Did the design process go smoothly, did you encounter any obstacles or limitations in the design process, or did everything go smoothly?

Tomasz Koral: We have already mentioned the guidelines that we must always follow. However, the shape of the building was problematic when designing these specific investments. The investor specified the shapes of the buildings and their dimensions are the result of other guidelines that had to be taken into account.

Piotr Kita: In both cases, the unusual shape of the roof is striking. Since gable roofs had to be used, we decided to approach this issue a little differently, which turned out to be a good decision. This created interesting shapes that made the massive blocks dynamic.





EWI: Baunit ProSystem

Products used:

Baunit MosaikSuperfine

(Basaltimitation)

Baunit UniPrimer

Baunit StarTex

Baunit ProContact

Baunit NivoFix



And what about the facade, which direction have you chosen here?

Tomasz Koral: With the CHE162PI47 project, we wanted to achieve the effect of a concrete facade, but this was not taken into account in the budget. Baunit CreativTop met these expectations with the concrete structure. In addition, we have added dividing lines in the plaster, which create the effect of large-format facade panels based on dynamically scattered windows. On the other hand, we were looking for a plaster with an interesting structure for Tetmajera Residence that resembles large-format facade panels. The MosaikTop Superfine has proven to be the perfect solution in this context.

Finally, tell us what your recipe for success is?

Piotr Kita: Perhaps the most important thing is trying out and experimenting - both with designs and with materials.

Tomasz Koral: Often, solutions that are not obvious turn out to be the best. ■



OVERALL WINNER
BAUMIT LIFE CHALLENGE

ARTS



The MO Museum project in Vilnius was selected as the Baumit Life Challenge 2021 Award winner by the top-class international jury of architects. You can find out what makes this total work of art so special here.





Viktoras and Danguolė Butkus' collection of more than 5,000 pieces of Lithuanian art is now housed in the MO Museum, the new cultural powerhouse in Vilnius designed by the renowned Studio Libeskind.

Harmony between tradition and innovation

The MO museum building was conceived as a cultural gateway that connects the past

and the future: It stands at the interface between the medieval old town of Vilnius and the more recent city expansion to the west. Studio Libeskind's design is inspired by the historic city gates of Vilnius and refers to the local architecture both in terms of shape and materials.

The straight exterior facades are made of clear white plaster, which refers to the materials of the city's classic architectural landmarks.

This creates a harmonious relationship between tradition and innovation.





The spatial features

The transparency of the facade and the ease of transition between the exterior and interior of the building embody the idea of an open and inviting museum. In addition to the almost 1,500 square meters of exhibition space, there is a reading room with a rich collection of publications and a storage area with a glass wall that allows a view of the collection. Particular emphasis was placed on the comfort of the visitors.

The jury statement

"A simple white cube, a cutout creates transparency and highlights the entrance. The facade takes the art inside and at the same time hides it behind a white curtain. This building is a prime example of the reduction of materials - a combination of render, glass and aluminum. Simple and strong!"



The MO Museum is primarily intended as a place where visitors can spend their free time meaningfully, as a place of inspiration. The MO is a "museum without walls" as it has established important activities that go beyond space.

Art in nature

The building of the MO Museum takes up less than half of the property belonging to

it: An adjoining sculpture garden offers visitors the opportunity to experience art in a natural setting. It embodies one of the main functions of the museum: to create an inviting environment in which people can meet and exchange ideas.



Project Data:

Location: Vilnius, Litauen
Author: Daniel Libeskind
 „Studio Libeskind“
Architect: „Do Architects“
Processor: UAB „Naresta“

Baumit EWI System:

■ Baumit Star

Baumit Products:

■ UniPrimer
 ■ NanoporTop
 ■ StarContact Forte
 ■ SupraFix
 ■ PowerFlex

A reinvention of the facade: the white NanoporTop reflects the surrounding textures of old facades and the historic city walls.



The next Baumit Lifechallenge will take place in May 2022.

Info at:
lifechallenge.baumit.com





BEL & MAIN

The best of both worlds is combined in this multi-use building ensemble in a prime location between the historic BELvedere Palace and the MAIN station, Vienna's main train station. Close to the city, but still in the middle of the green, a perfect place to live and work. Baumit ensures that users will “stand” on this project with its quality screed.

Impressive prospects have a new name. Two modern residential towers with over 450 residential units, an office tower with around 17,000 m² of office space and an apartment hotel with 134 hotel rooms - connected by a green plaza - that is BEL & MAIN Vienna.

Gigantic dimensions and logistical masterpiece

With such impressive dimensions, the most important thing is fast and precise workmanship. The schedule was as tight as the challenge. The Baumit Solido 300 quality screed was laid on around 17,000 m² of residential and office space in just seven months. This task was mastered by the experienced team Durament and Baumit, which has been well-rehearsed through numerous construction projects.

"Logistics is always a challenge, but it was special in this project. Together with the on-site construction site logistics, our in-house silo scheduling team precisely timed around 120 truck trips," says Markus Huber-Dolezal, Baumit team leader for flooring systems and area programs.

Baumit Screed Solido E 300

The premium product Baumit Screed Solido E 300 is a cement screed that is ideal for higher demands. The screed can be used with constant quality and quick processing and is characterised by extremely low re-moisture. "This cement screed withstands all higher loads and can also be used outdoors and in damp rooms without any risk," says Martin Blasch, Managing Director of Durament



Project Data:

Client: SIGNA

Architect: Delugan Meissl
Associated Architects,
Coop Himmelblau, Architektur Consult

Processor: Durament GmbH
GF Martin Blasch

Completed: 2020

Baumit Products:

■ Baumit Solido E 300

Baumit Consultant:

Markus Huber-Dolezal

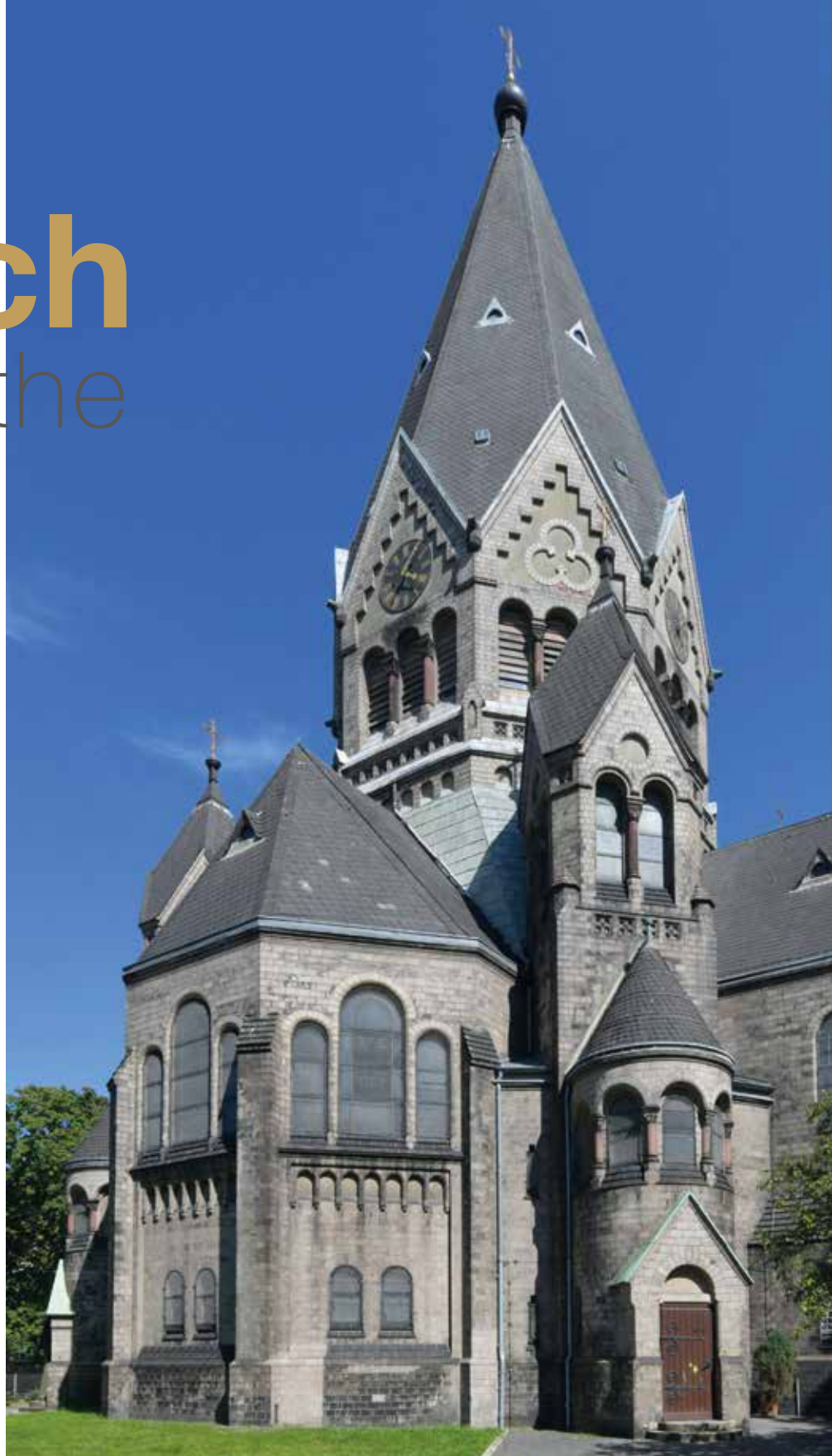


GmbH, enthusiastically. And he adds: "The advice from the Baumit application engineers worked wonderfully as always."

One church though the ages

The Russian Orthodox Church of St. John of Kronstadt is located in the center of Hamburg. Originally built in 1907 as an Evangelical Lutheran church in the style of historicism. After being destroyed in World War II, it was rebuilt in 1947.

Demographic changes, the expansion of the exhibition grounds and considerable maintenance and renovation costs caused the community to look for other uses for the place of worship.



As an ecumenical symbol, the church was handed over to the congregation of St. John of Kronstadt of the Russian Orthodox Church of the Moscow Patriarchate in 2004 and was re-consecrated in 2007. The architecture of the Gnadenkirche with its round

shapes and elements from the Romanesque and Gothic was already similar to the architectural style of the Byzantine Eastern Churches, so that today, with its five church towers and Orthodox crosses, it hardly differs from the architecture of the Eastern Orthodox churches.



The former Gnadenkirche was built in the architectural style of the Byzantine Eastern Churches

However, changes in the main room of the church were also necessary for the new religious orientation and the Orthodox liturgical services. So, inter alia, the painting of the church interior changed and the existing partition wall to the sacristy redesigned as a stone iconostasis.

Unique in Europe

Russian icon painters have used fresco painting techniques to create a unique example of traditional craftsmanship in Europe.



Digital support

The renovation and redesign of the choir and sacristy was then planned for 2020. Interestingly, because the congregation was tied to the Russian mother church, the materials and working techniques to be used were coordinated with a monument conservator in St. Petersburg. If necessary, this was also switched on via video during the work and after the completion of individual renovation steps.

The already exposed brickwork of the wall surfaces should be re-plastered with a lime plaster system with a smoothed surface. The plaster on Rabitz lattice in the dome was largely preserved, only the layers of paint were milled off. The use of plaster profiles was avoided from the outset. Since the surfaces are then to be painted with ecclesiastical motifs and illuminated indirectly, the requirements for surface quality

and evenness were correspondingly high. The height of the room and the curvature of the wall posed an additional challenge.

The cracks found in the masonry were clamped with spiral anchors, the cladding of old installation ducts was secured with drill rods and the crack areas were additionally covered with a metallic plaster base with an inlaid decoupling layer before the plaster was applied. The masonry and the milled plaster surface were solidified with SanovaPrimer, a mineral primer based on potassium water glass. In order to improve the adhesion of the base plaster to the brickwork, SanovaPre was applied as a net-shaped spray grout.





The rounding of the plaster surface was realigned with wooden slats



The next step was to transfer the curvature of the masonry onto the plaster. The rounding could be evened out with a framework made of wooden slats as plastering gauges, measured in plumb and radius. The cement-free Baunit NHL MP with a 3 mm grain size was used for the concealed installation. Due to the sometimes required plaster thicknesses of up to 50 mm, the plaster was applied in several layers, with intermediate downtimes before the surface could be peeled off on the traditional wooden plaster jigs. The wooden gauges were removed and plastered again after the concealed plaster had been completed..

Drawn with stencil

By adapting the thickness of the concealed plaster to the existing Rabitz plaster of the dome, a transition between the two plaster systems was created with the same surface area. The rough shape of the profiles in the transitions from the plastered surface to the window reveals was drawn with a template while the plaster was being applied.

The reinforcement layer with fabric insert, which is then applied with the natural white lime fine plaster Baunit MultiRenova Fine, serves to minimise the risk of cracks on the plaster surface and at the same time to better seal the rather rough sub-plaster surface caused by the coarse grain and to prepare it for the final smoothing filler. In the area of the dome, it was also possible to compensate for the unevenness in the existing plaster caused by milling. In order to prevent uncontrolled demolition of the rabbit plaster from the dome to the arched masonry, a deliberate separation of the two surfaces was carried out with a separating cut.

Requires patience and time

For the final smoothing filler, the Russian monument conservationist decided on the pasty lime filler Baunit KlimaFinish. The decisive factor was that this lime filler could also be used to achieve higher layer thicknesses with little tension and that the material was very easy to sand.

Grazing light cannot be ruled out due to the lighting concept. The smoothing spatula must therefore be applied and sanded as free from clouds and shadows as possible. Due to the curvature of the wall and the local conditions of the scaffolding, the grinding work could only be carried out by hand. It took time and patience as well as several smoothing and sanding passes before the final wall surface was reached.

The profiles of the window reveals, capitals and cornices were also given their finishing touches in this work step, were drawn with the template and also sanded by hand. Particular emphasis was placed on clean, even curves and razor-sharp edges.

In order to bind the sanding dust to the surface, after consultation with the Russian





Finished cornice
band and capital

icon painters, a final primer with a mineral primer based on potassium water glass, SanovaPrimer, was applied. Unlike in the nave, the new wall areas will not be frescoed this time.

Coloured version

The color version of the areas created in this way and the creation of the iconic images should take place in autumn 2020. Corona-related and the associated travel restrictions are delaying the final completion of this project. But the choir and sacristy room, which is currently only presented in plain white, has an effect due to its height and round shapes.

Since there is an unobstructed view of the sacristy dome from the church interior via the iconostasis, the finished artistic design will certainly give rise to further interesting impressions and visual relationships.



Participating companies and materials used

Construction project::

Kirche des Hl. Johannes von Kronstadt
Tschaikowskyplatz 1,
20355 Hamburg

Client:

Parish of St. John of Kronstadt, Hamburg

Executive company:

Bauhandwerk Kation, Hamburg

Execution period:

March to July 2020

Professional support:

Baumit GmbH, Bad Hindelang
Fachberater Daniel Mienert
Bauberater Lutz Trautmann

Used Baumit materials:

Primer:	SanovaPrimer
Pre-spray mortar:	SanovaPre
Basecoat:	NHL MP
Fine-lime filler:	MultiRenova Fine
Mesh:	StarTex Fein
Lime-smoothing filler:	KlimaFinish



Baumit World



Baumit Bulgaria

Baumit augmented reality for creative structures

New technologies are changing the way we live and work. Augmented Reality is a convenient tool for visualisation and makes hi-tech in construction a direct experience for everyone. Baumit has developed a mobile AR application that supports designers and contractors in their daily work.

The innovative Baumit app AR + visualises creative structures on the facade in 3D, including architectural details. The trend on the facade is increasingly towards combining materials, textures and structures, but the diverse possibilities of facade design are often difficult for the end customer to imagine. This is where the Baumit mobile app comes in: 15 inspiring constructions in concrete optics, wood optics, stone optics, etc. are built into it and can be tried out directly with the smartphone on the construction site.

Baumit AR for architectural details

However, choosing the right building materials is only half the battle, it also depends on the correct adherence to the system structure. Problematic areas such as eaves, windows or plinths require carefully coordinated architectural

details. A library of 3D architectural details can be found in the Baumit mobile app.

So you can look at every component from all sides and understand the structure in detail. A special flyer for the Baumit app

AR + offers additional support. The app is available on both Google Play and the AppStore.

The Baumit AR + app is an innovative tool especially for planners and builders to experience creative Baumit structures and architectural details virtually.



Baumit Italy

Baumit relies on virtual experience

Baumit Germany created a virtual showroom last year to give customers the opportunity to visit and explore Baumit virtually. This showroom has now been adapted by Baumit Italy and is offered for an emotional and informative tour through the Baumit universe.

The content is mostly visual: images, videos, direct links to the Baumit website and insights that help discover Baumit products, solutions and activities in a fun way. Hotspots distributed all over the room create a direct connection between Baumit and the users and increase the willingness to interact with all aspects of the Baumit world. Through some hotspots it is also possible to get in direct

contact with Baumit sales and technical departments.

All contents are up now:

<https://virtualexperience.baumit.it/>



Baumit Slovenia

Really cool with Filip Flisar.

Baumit wants everyone to feel comfortable in their home. With this in mind, Baumit supports its customers with suggestions, products and solutions for comfortable, beautiful and high-quality living.

Concreting, laying tiles and minor repair work indoors and outdoors are among the most common DIY jobs. To make the work even easier, Baumit Slovenia has put together a selection of products that support both professionals and hobby do-it-yourselfers with many construction challenges. Of course, the right material alone is not enough. A skilled hand and having fun are important companions on the way to a good end result. For the TV commercials, they were looking for someone who embodies all of this: a sense for DIY, a good mood and a weakness for

new challenges. Filip Flisar, the former top freestyle skier, Olympian and world champion turned out to be the main hit, just as expected. This was also evident during the shooting in the temporary studio, which was located in the Baumit Slovenian warehouse for one day.

You can find all current short videos here::



Baumit World

Baumit Turkey

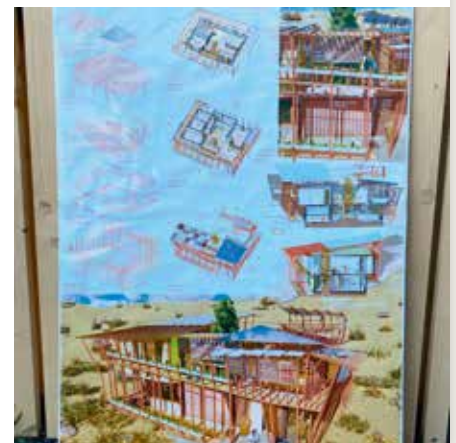
Design competition „Healthy Living“

We have come to appreciate the importance of healthy living space over the past few months. So far, Baumit is the only building materials company in Turkey to promote the topic of "healthy living". In order to make this commitment and the Baumit brand known at student level, an interdisciplinary design competition has now been initiated.

The theme of the competition is "The home as a healthy living space". The decision on location, type of construction or design modalities was up to the participants. There were no limits to the interpretation. The tender was sent to over 200 universities and was also announced in the national and industry press.

The competition consisted of two stages. In the first phase, letters of intent and portfolios of the students were collected. 40 applications qualified for the second stage. A jury of experts consisting of the most important architects in Turkey, a building biologist, a building physicist and a doctor decided at the beginning of September which 3 projects would receive a cash prize and which project would receive the special prize. It is planned to hold this design competition regularly every year.

www.baumittasarimyarismasi.com



Baumit Czech Republic

Baumacol Quad competition

In order to support the start of the Baumit CZ e-shop "Baumit Quido Shop" and the ongoing Baumacol campaign, Baumit Czech Republic announced a competition for a CFMOTO Gladiator X450 quad.

All Baumit customers who purchased a Baumacol product through the Quido Shop by July 31, 2021 took part in the raffle. The quad was ceremoniously handed over to the lucky winner at the Baumit Festival 2021 on August 28th.



left: Martin Sochor, Marketing Baumit CZ, the winner Tomas Suchy, Vladimir Franc, e-shop Baumit CZ "Quidoshop" manager

Baumit Macedonia

Dance enthusiastically!

Dance is attractive. Baumit sponsors young dance talents with T-shirts for their big appearance.

The dance club Dancers United is the sporting home of national, European and world champions in various dance disciplines. The renowned club sends its youngest members, aged 4-7, to an international hip-hop competition in Budva. To qualify for it, a video was shot with the little show talents. Since the right styling is important in addition to talent, Baumit sponsored the group with chic T-shirts. Baumit wishes the participants good luck!



Baumit UK

5 years Baumit UK

– behind the brand

As Baumit celebrates its fifth anniversary in the UK, CEO Ben Warren reflects on the journey from start-up to industry giant and what it means to be a member of the Baumit family.

In 2016 Ben Warren took up the challenge of becoming managing director of Baumit UK. At that time there was no infrastructure and no employees. Baumit was still largely unknown in Great Britain. The unique thing about this opportunity, however, was the opportunity to set up a company with the support of a large international company.

Today, 5 years later, Baumit is no longer a blank slate in Great Britain either. Ben

Warren is particularly proud of his team of 16 employees, who despite all the challenges - especially in the last 12 months - are fully motivated and successfully working together.

At Baumit you feel more like a family than a company with employees, there is a strong sense of responsibility for each

other between colleagues. But also an iron determination to get a job done and do it well. That is the "Baumit Spirit" that is lived.



