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Press Release

The exhibition sections at BAU 2017:

Materials, technologies, systems—Part 1

Johannes Manger
Tel. +49 89 949-21482
Fax +49 89 949-9721482
Johannes.manger@messe-muenchen.de
messe-muenchen.de

BAU 2017 is a 185,000 m² showcase of materials, technologies and systems: an area the size of 25 football pitches filled with state-of-the-art technology for the international building and construction industry. In a five-part series, we look at the main focuses in the individual sections at the show. In Part 1, the spotlight is on bricks and roof construction, ceramics and IT for the building industry (BAU IT).

Bricks / Roof building

As well as bricks and roof tiles, roof-building materials and facade systems, this section also provides visitors with extensive information on dormer windows and skylights as well as chimney-building materials.

All-ceramic roofs are now easier to implement, thanks to continuous improvements in roofing components. Flat roofing tiles in medium formats are still considered to be the more aesthetic solution, as they were two years ago at BAU 2015. This easy-to-fit format is suitable for new-build as well as renovation work.

The trend colors are grey, anthracite and black. Matt surfaces are very popular as they reduce light reflections and offer other advantages in terms of their dirt-repellent properties.

In facade design clinker bricks in nuanced shades of grey are in trend, especially in the extended “LDF” format (290x90x52mm). For example, architects Poponcini & Lootens have built an office complex in Ghent with an outer skin that references the clinker facades of its surroundings. In order to achieve the effect the architects wanted, the different shades of grey in the bricks were precisely defined in advance, and the surface was roughly modeled. A combination of structured and smooth surfaces presents a lively facade impression.

Messe München GmbH
Messegelände
81823 München
Germany
www.messe-muenchen.de

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Ceramics (Hall A4)

Visitors to BAU can explore the many possibilities of this timeless material at the booths of the ceramics exhibitors. On show will be an extensive array of sanitary products and technology, as well as impressive product solutions in tiles and facades, e.g. digital printing and sculptured effects used to create fascinating surface finishes. Tiles are not only an aesthetic component in any design, they also offer very real, practical benefits: innovative HT coating, for example, fired into the glaze, facilitates cleaning. HT also has an anti-bacterial effect: light falling on the surface creates oxygen which decomposes bacteria and fungal growth, all without the use of chemicals. Even harmful substances in the air are decomposed, which helps improve indoor air quality. This has obvious advantages in medical facilities. One current example went into operation in the second half of 2015: “Sonnenblick”, a new rehabilitation clinic in Marburg, Germany. In their design Lucas Architekten GmbH (Hainburg) aimed to create a very inviting, light-filled building. They used differently sized tiles from the “Emotion” series by the German brand Agrob Buchtal. In the double-height entrance hall, the alternation of rectangular with linear-format sand-colored tiles creates a “discreetly vivid” rhythmic structure. Tiles from the “Emotion” series were also used in the other areas of the clinic, in different formats and with differing slip-resistant surfaces. The ceramic flooring is thus a key unifying component in the overall visual design of the clinic.

BAU-IT

Software has become an integral part of all areas of building. Accordingly, the section on BAU IT will form the largest product-specific section at BAU 2017: With 130 exhibitors on around 9,000 square meters of space, this offers Europe’s biggest showcase for software for the building and construction industry. The German association of building software (*Bundesverband Bausoftware*) is organizing a large joint stand for its members at the show.

As well as software tools for design planning, the visitors can also look forward to a broad spectrum of IT solutions in the areas of tenders and the awarding of contracts, billing, project planning, measurement technology, project management and controlling.

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One of the focal themes will be BIM applications: By means of increased transparency of the processes and cost-savings potential, these applications help enhance productivity, efficiency and quality in the building process. BAU 2017 will again feature the competition "Built on IT – Building the Future". This accolade goes to IT-supported processes and solutions that optimize the process of building.

About BAU

BAU, the World's Leading Trade Fair for Architecture, Materials and Systems, is the biggest and most important event in the sector. The next BAU takes place from January 16 to 21, 2017 at the Messe München exhibition center. Around 2,000 exhibitors from more than 40 countries and approximately 250,000 visitors from all around the world are expected to take part.

On display at BAU on 180,000 square meters of exhibition space—for years all the available space has been fully booked—are architectural solutions, materials and systems for commercial and residential construction and for interior fit-out, for both new-build and renovation and modernization. Every two years this event brings together market leaders from the sector to participate in a unique international display of competence spanning all the construction trades.

BAU is also the world's largest trade fair for architects and construction engineers, attracting more than 60,000 design professionals. The exhibits at the fair are organized according to building material and also product and theme area.

The many attractive events in the supporting program, including high-caliber forums with experts from all over the world, round off this industry showcase.

Messe München

Messe München is one of the world's leading trade-show companies. It organizes some 40 trade shows for capital and consumer goods and key high-tech industries in Munich and abroad. Each year more than 30,000 exhibitors and some two million visitors take part in events held at the Messe München trade-fair center, the ICM – Internationales Congress Center München and the MOC Veranstaltungszentrum München. In addition, Messe München organizes trade shows in China, India, Turkey, South Africa and Russia. Messe München has a global business presence with affiliates in Europe, Asia and Africa and more than 60 foreign representatives serving more than 100 countries.