



Munich, July 21, 2016

Press Release

Exhibition sectors at BAU 2017:

Materials, technologies, systems—Part 4 Wood, locks/fittings, solar technology

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

BAU 2017—that is about 185,000 square meters of materials, technologies and systems. Some 25 soccer fields of state-of-the-art technology for the international construction industry. In a five-part series, we look at the main focuses of the exhibition sectors at the fair. Part 4 deals with the topics of wood, locks/fittings/security and energy, building systems and solar technology.

Wood

This versatile material is used extensively: Last year, sales in the building-related wood industry increased by 1.2 percent, and the wood-based materials industry recorded an increase of 3.4 percent. Therefore, BAU will feature a number of new developments in the sectors for wood materials, timber construction and facade systems as well as interior work, stairs, floor coverings and accessories.

Another topical subject is modernizing prefabricated houses—particularly in light of stricter energy-conservation guidelines. In many cases, houses are stripped down to their load-bearing wooden structure. For health and sustainability reasons, ecological wood-fiber insulating materials are used for the new walls.

Wood can also score points when it comes to floor coverings. According to Michael Schmid, Chairman of the Association of the German Parquet Industry (vdp), the combination of floor heating systems and parquet flooring—especially oak—provides perfect protection from cold in the winter.

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



Press Release | July 21, 2016 | 2/2

Dirk-Uwe Klaas, Managing Director of Initiative Furnier + Natur (IFN), argues in favor of using veneer for interior construction: The “filet of the tree has a magic that you can feel” in the new rooms of Schweizer Hypothekarbank in Lenzburg that Gehri AG built last year. Roser AG used more than 1,500 square meters of raw olive ash veneer to create an elegant and modern ambiance for the traditional German company.

Locks/Fittings/Security

The number of break-ins increased by another 10 percent in 2015 alone. As a result, break-in resistance is gaining special significance in current product development. The large percentage of break-ins that are aborted when appropriate devices are in place proves that additional protection is worthwhile.

When it comes to fittings, the trend toward increasingly slim, elegant designs continues: In many cases, the fittings are entirely covered or adapted to the doors and windows in a manner that makes architecturally sophisticated solutions possible. Even mechanical systems optimize the amount of effort needed so that even large door systems are easy to open, even without electronics—which plays an important role, especially in public and barrier-free buildings. There is still a trend toward automatic systems that, in addition to convenience and safety, also optimize energy consumption. Besides the latest solutions in anti-intrusion systems, access-control systems and accessories, BAU will give visitors access to a wealth of information about fittings, locks, cylinders, hinges and door closers.

Energy, building systems, solar technology

More stringent requirements with regard to energy efficiency—such as those in the 2016 Energy Efficiency Directive (EnEV)—make the use of renewable energies practically unavoidable. In this case, the solar-technology sector will have a range of new developments on display. For example, new cell generations and

Press Release | July 21, 2016 | 3/3

module types—PERC cells, glass-glass modules and high-performance modules—are making it possible to increase the energy yield considerably.

Demand for solar-power storage units that allow the flexible use of generated electricity with regard to time continues to increase, and the German government encourages people to purchase grid-serving storage units. Under the heading “Smart Renewable Energy,” the intelligent networking and digitalization of decentralized PV plants and storage units is being expanded: Growing independence from utility companies is the result.

Solar technology also offers more and more alternatives when combined with other methods for generating electricity. For instance, integrating photovoltaic plants into existing wind parks guarantees the more efficient utilization of existing power grids and a steadier feed of electricity. Besides the topics of solar building and solar thermal energy, visitors who attend the upcoming BAU can look forward to the latest trends and developments in the sectors for heating, ventilation and air-conditional technology.

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 about 185,000 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



Press Release | July 21, 2016 | 4/4

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.