

News Release

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Polyurethane Systems, basic products and intermediates from BASF presented at UTECH 2018 in Maastricht

- **With SLENTITE® into the future: first pilot applications implemented**
- **Added value for the automobile: engine covers made of PU systems for the highest demands**
- **Increased sleeping comfort: PU spray gel for mattresses**

With numerous innovations and further developments in the field of polyurethanes, BASF is once again exhibiting at this year's UTECH Europe 2018 international polyurethane trade show in Maastricht, NL, from May 29 to 31. In addition to PU systems for various industrial sectors, BASF will present a broad portfolio of basic and intermediate products and will focus on an intensive exchange on the current market situation. Numerous BASF experts for systems and basic as well as intermediate products will be present at the exhibition stand and at the UTECH conference taking place at the same time, explaining details on the main topics presented.

SLENTITE: high-performance insulation for future-oriented construction

Scarce and expensive living space, high demand for renovation of old buildings and the urgent task of conserving resources make it necessary to search for new solutions and materials. SLENTITE, the organic aerogel, which is produced as a robust panel, offers possible solutions. It is space-saving and 25-50 percent slimmer than conventional products. Due to its open-pored structure, it provides good moisture regulation and can be used for internal insulation in particular. The

innovative product is now being used in the first pilot projects. At BASF's booth, it will be presented in a "Deep Frame" animation. Visitors get a vivid impression of the impressive possibilities of the product in the latest film technology.

Elastospray® LWP: A strong contribution to energy-efficient construction

There are considerable developments in the field of spray foam. Long before the new European guidelines will come into force, BASF launched a new generation of closed-cell spray foams: Elastospray LWP systems are HFO-foamed and already take into account the European Union's goal of drastically reducing fluorinated gases (F-gases) with a high global warming potential. BASF uses environmentally friendly alternatives such as Honeywell's Solstice® LBA, an ultra-low GWP blowing agent.

Innovative PU rigid foams for modern refrigerators

BASF has developed a portfolio of 2-component HFO foamed systems especially for commercial refrigerators and hot water boilers. Customers have the option of selecting the system that suits them with different lambda values. The new products are easy to process and do not require any additional investment. By using new, HFO-based foams, BASF offers all customers the opportunity to react to the new EU regulations at an early stage and replace them with more environmentally friendly systems.

Spray Gel Elastocoat® C: More comfort and pleasant coolness

The newly developed spray gel Elastocoat C combines numerous advantages for the customer and the mattress manufacturer. The flexible gel is easy to spray on different mattress surfaces, at variable positions and in different thicknesses. It has good adhesion to all PU foams and can be easily integrated into existing production processes. The customer benefits from a pleasant, cool mattress surface that provides restful sleep and of course meets the Oeko Tex 100 requirements.

Tailor-made solutions: engine covers in automobiles

Engine covers are important components in the engine compartment. They absorb noise, ensure pleasant acoustics in the passenger compartment and are resistant to external influences such as media, heat or hard, sharp-edged objects. BASF offers material systems and products for a wide variety of processes. A combination of sound-absorbing flexible polyurethane foam and a hardcover from the Ultramid®

product family is used as standard for noise reduction in vehicles. An innovative process is the one-shot solution with the integral foam Elastoflex® I. The open-cell PU foam forms a thick skin in the foaming process and thus fulfils the function of the hard cover. An additional cover is not required, the optical appearance is created directly in the production process. Alternatively, the flexible foam Elastoflex® W can be used, which is painted with an In-Mold-Coating (IMC) coating or combined with a separate PU spray skin made of Elastoskin®. This complete polyurethane solution is produced without additional manual assembly steps, as the skin is sprayed into the mould and then back-foamed. In addition, an engine cover with thermoformable Elastoflex® E foam was brought into series production with the Trèves Group. The open cell foam structure contributes to weight savings with a density of only 15g/L.

BASF at UTECH Europe in Maastricht at booth 630

More information on SLENTITE® and other construction materials supplied by [CORPUS – Constructing Tomorrow](#), BASF's online magazine on the world of construction.

About BASF's Performance Materials Division

BASF's Performance Materials division encompasses the entire materials knowhow of BASF regarding innovative, customized plastics under one roof. Globally active in four major industry sectors – transportation, construction, industrial applications and consumer goods – the division has a strong portfolio of products and services combined with a deep understanding of application-oriented system solutions. Key drivers of profitability and growth are our close collaboration with customers and a clear focus on solutions. Strong capabilities in R&D provide the basis to develop innovative products and applications. In 2017, the Performance Materials division achieved global sales of €7.7 bn. Further information at www.performance-materials.basf.com

About BASF

At BASF, we create chemistry for a sustainable future. We combine economic success with environmental protection and social responsibility. The more than 115,000 employees in the BASF Group work on contributing to the success of our customers in nearly all sectors and almost every country in the world. Our portfolio is organized into five segments: Chemicals, Performance Products, Functional Materials & Solutions, Agricultural Solutions and Oil & Gas. BASF generated sales of €64.5 billion in 2017. BASF shares are traded on the stock exchanges in Frankfurt (BAS), London (BFA) and Zurich (BAS). Further information at www.basf.com.