News Release

SLENTITE®: Successful piloting of new high-performance insulation material for customized climate management

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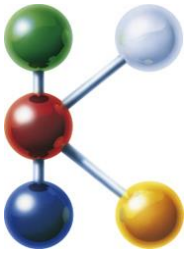
- **First customer projects started with cooperation partners**
- **SLENTITE® – the heavy-duty panel made of a PU aerogel**

SLENTITE®, BASF's new high-performance insulation material, is now entering its market preparation phase. After the commissioning of the pilot plant for the production of sample quantities in June 2015, the production process for the novel PU aerogel has advanced to the next level. In March 2016, SLENTITE was exhibited for the first time in an application of a cooperation partner. At "Frontale", the biggest European trade show for window construction, doors and facades in Nürnberg, possible applications were presented in two Beck+Heun products.

BASF at K 2016

Hall 5, booth C21/D21



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Customized climate management for energy upgrades

In the design and construction sectors, the properties of SLENTITE are opening up totally new potential. The innovative material based on a polyurethane (PU) aerogel is manufactured as a heavy-duty panel displaying exceptional insulation performance. Owing to its open-porous structure, the material provides moisture regulation and thus contributes to a pleasant interior climate: Customized climate management with the new high-performance insulation material. SLENTITE delivers an optimal package of all the key properties of an efficient and futuristic insulation material for new buildings and for the energy upgrade of existing ones. Inserted between the window frame

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and the masonry, SLENTITE makes window modernization even more attractive. The PU aerogel can be installed as thermal insulation wedges between walls and windows indoors and outdoors, regardless of the window frame material. “We now have the chance to eliminate thermal weak points in the building envelope, prevent damage, and enhance interior comfort,” says Dr. Marc Fricke, SLENTITE Project Manager at BASF Polyurethanes.

Constructing Tomorrow: Superlative insulation values for the buildings of the future

Architects, designers, and clients are constantly on the lookout for new materials that insulate buildings efficiently and also open up scope for creativity. At the same time, materials have to meet high standards of sustainability, resource efficiency and interior climate – in new and modernized buildings. This is where SLENTITE delivers further product improvements. Jesper Bjerregaard, Director Marketing Construction and responsible for the SLENTITE market launch, is convinced of the success of the new product: “With our new high-performance insulation material, we can offer the market a variety of possible solutions for the challenges of the future. In the construction sector there is big demand for innovative approaches, novel construction materials, and above all sustainable strategies for residential interiors. With SLENTITE we can meet the requirements for forward-looking architecture and infrastructure.”

If you’d like to know more about the visionary application ideas for new, high-performance SLENTITE, visit us at K 2016.

“CORPUS. CONSTRUCTING TOMORROW” available for free download at the App Store + Google Play

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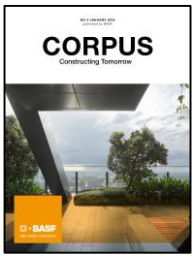
BASF’s digital construction magazine



For iOS and Android

BASF at K 2016

Where your ideas become ideal solutions: BASF at K fair from October 19-26, 2016 in Dusseldorf, Germany, in hall 5, booth C21/D21. You can find all related press releases, photos and further information here: basf.com/k2016.

About BASF’s Performance Materials Division

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how 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 2015, the Performance Materials division achieved global sales of € 6.7 bn. More information online: www.performance-materials.basf.com.

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Further information online:

www.performance-materials.basf.com

www.polyurethanes.basf.de; www.slentite.de; www.beck-heun.de

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