News Release

3D simulation brings the acoustic effects of Basotect® sound absorption to life.

- **The ‘Envision Mobile’ audio visualization system from Inreal Technologies GmbH turns acoustics and design into a virtual experience.**
- **Basotect® acoustic effects simulated virtually at the K fair in Düsseldorf.**

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When planning new buildings and carrying out renovation works, room acoustics are not usually a priority. This often proves to be a mistake when putting premises with particular acoustic requirements into operation for the first time. In large offices, restaurants or event venues, the damping of noise is a necessary functionality of the room design.

The ‘Envision Mobile’ audio visualization system turns Basotect’s excellent sound-absorbing effect and the almost unlimited design freedom into a virtual experience with the help of various examples. Using 3D glasses and headphones, building owners and architects experience a direct and realistic before-and-after comparison of how Basotect® changes the acoustics in different premises. “With ‘Envision Mobile’, the authentic reproduction of room acoustics with and without Basotect® can be demonstrated in different virtual environments. The photorealistic 3D display accentuates the virtual experience,” explains Enrico Kürtös, from Inreal Technologies GmbH.

Using Basotect®, the melamine foam of BASF, allows the creation of optimum room acoustics retroactively and with little effort. The light, porous sound absorber is easy to handle and places no restrictions

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on design freedom. Through the use of decorative acoustic boards, suspended baffles, paneled ceilings or even individually molded shapes, a perceptible and measurable improvement in room acoustics can always be achieved. “The high importance of effective sound absorption is particularly impressive when the room becomes audible and we can demonstrate the effects of the acoustic optimization of different environments to customers in a perceptible way,” says Peter Wolf, Head of Basotect® Global Marketing at BASF.

Experience the acoustic and optical effects of Basotect® for yourself at the K trade fair in Düsseldorf, at stand C21/D21 from 20 to 27 October 2016.

About Basotect®

Basotect® foam has a unique range of properties. Its base material makes it flame-retardant and abrasive; it can be used at up to 240°C and retains its properties over a wide temperature range. Because of its open-cell foam structure, it is light, sound-absorbing, flexible even at low temperatures and thermally insulating. Basotect® is a registered trademark of BASF SE.

www.basotect.com

About Inreal Technologies GmbH:

Inreal Technologies GmbH, founded in 2011 and with its head office in Karlsruhe, is a company specializing in IT and services, in particular in the field of architecture and three-dimensional spatial planning. Thanks to the virtual tours, designers as well as non-specialist decision-makers and project participants achieve a higher degree of reliability in terms of planning and decision-making. Through simulations, the planning of buildings and premises becomes less a theoretical exercise, and more a directly tangible experience. Drawing on this expertise and its extensive experience, Inreal has been able to create an extremely realistic simulation of the effects of Basotect® in a wide variety of premises.

www.inreal-tech.com