

Bass notes meet sound absorbers

Sound absorption in a nightclub? – It may seem contradictory at first, but Landau's newly opened nightclub, "Jeanne d'Arc", has made it a reality. Many recording studios and concert halls are already using the melamine resin foam Basotect® for optimal acoustics. At the disco in Landau, it is now providing a very special kind of aesthetic acoustic experience. Its open cell structure absorbs the sound waves almost entirely, preventing distorting reverberation. The light weight, low-flammability foam can be produced in a wide variety of colors and shapes making it an extremely flexible design option. "Basotect was our material of choice when it came to the difficult task of balancing functionality and design," says Sebastian Metz of IDEENREICH, the firm of architects in charge of the project.

Baffles, cubes and pyramids for the perfect sound

1,200 large cylindrical baffles, and over 100 cubes of Basotect® G+ are suspended from the ceiling over an area of more than 1,000 m². The design elements are flanked by pyramid-shaped patterns on the dark walls. "The material provides a first-class audio experience by stopping the sound from reflecting off the ceiling and the walls. That, and the fact that it's easy to install and has excellent fire protection properties, made the decision easy for us," adds Metz.

The thermoset melamine resin foam is also very easy to convert. A combination of inherent rigidity and flexibility means that it can easily be made into almost any shape as it can be cut, milled or sawn to produce intricate works of art. Setaplast, a company from Lambrecht, produced all the elements for the Landau nightclub.

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After opening at the end of September 2017, “Jeanne d’Arc” can accommodate around 1,000 guests a night, which are looked after by 50 staff. A large roof terrace provides additional space in the summer.

On the Internet:

www.basotect.de

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