



## Architecture with excellent acoustics: Basotect® for hotels and catering industry

### Case Study

They are supposed to be places where people talk to each other – restaurants, hotel lounges and spa facilities. In fact, many of these areas, while architecturally and aesthetically very beautiful, often leave a great deal to be desired acoustically. So it was at the Loisium Cafe in the Austrian town of Langenlois, a little gem for purists, designed by the leading New York architect Steven Holl. The ceilings, walls and floors were made almost entirely of concrete, which caused sounds to be amplified, making conversation difficult.

Now the cafe can boast that both guests and staff can hear each other properly. Relief came when 23 audiotec ceiling “clouds” made of the special sound-absorbing foam Basotect®, produced by Eurofoam in Austria, were installed. The panels are covered in stretched fabric available in various styles and colors and are easy to fit.

The conservatory of a pizzeria in Wels is another example of this kind of acoustic improvement. Here, a cylindrical sound absorber was fitted to the ceiling. At the Revital spa center in Aspach, circular acoustic panels and cylindrical sound absorbers made of Basotect® greatly improved the reception area, while at a restaurant in Vienna the sound-absorbing foam panels were fitted underneath the tables and chairs.

The Eurofoam audiotec round or cylindrical sound absorbers, wall and ceiling panels and cube-shaped absorbers made from BASF's special foam are ideal for retrofitting to a building. This can reduce and in most cases halve the relatively long reverberation time permitted under Austrian standard B8115-3.

It can lower the noise level in a room by at least 3 - 5 dB. Taking these measures can help in kindergartens, schools, meeting rooms, sports centers and swimming pools, as well as, of course, in rehearsal rooms and recording studios. Eurofoam also offers purpose-made products for (heavy) industry.

