

## Best of both worlds: BASF's foam Basotect® as decorative sound absorption in new multi-meeting room The CORE

When BASF began renovating their multi-purpose room called The CORE at its North American regional headquarters in Florham Park, NJ, addressing the acoustics in the space presented a challenge. "A concern with multi-meeting rooms is ensuring in-person and remote participants, in any room configuration, will be able to hear and understand what the speaker says," said Fred France, Senior Site Manager, BASF. "We also wanted to use a BASF product and ensure that the renovations improve the overall environment."

When designing or renovating a space for multi-meeting options, all features – the function of the area, lighting, programming, and surrounding space – are critical elements to consider. It is the best of both worlds when sound absorption can serve its purpose and have an aesthetic quality. "The benefits of using Basotect® in The CORE are its outstanding sound absorption, good light reflectance and that it can be shaped to the client's needs," said Kent Hikida, Principal at OTJ Architects, who designed the meeting room. "We directly applied it to gypsum board, replaced the ceiling tiles and created horizontal floating squares as a more decorative element."

Sound quality as measured by reverberation time was tested by Cerami & Associates before and after the installation of Basotect®. The Basotect® treatments delivered up to 25 % reduction at targeted speech frequencies between 250 and 1000Hz when compared to the previous fiberboard ceiling tiles. "Sound matters as our ears are susceptible to noise which impacts our experience," said Aash Chaudhary, Acoustic Consultant at Cerami & Associates. "If the sound is too liberal or dead, either situation is uncomfortable."

In an office environment, team members are most productive in comfortable spaces. By addressing acoustics with Basotect®, employees have less stress and more intelligible conversations – and they can better focus on work. "Basotect® is one of the best performing sound absorption treatments on the market," said Jean Sebastien Marineau, Business Unit Manager at pinta acoustic for the Americas and Asia, which developed the Basotect® panels. "After 10-15 years, standard ceiling tiles tend to get harder and harder and lose some of their acoustic properties. Basotect® is a stable product throughout its lifetime and will not need replacing because it will not lose its acoustic properties."



Further information on Basotect®: [www.basotect.basf.com](http://www.basotect.basf.com)



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WEIGHT



HIGH  
THERMAL STABILITY



EXCELLENT  
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GOOD  
THERMAL  
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SIMPLE  
PROCESSABILITY/  
THERMOFORMING



EXCELLENT  
CHEMICAL  
RESISTANCE