



Basotect® installed in Indian prayer hall

Case Study

BASF's leading sound absorbing foam Basotect® now lines the ceiling of a prayer hall at Mangarh in Uttar Pradesh, India. The foam is applied to one of the largest Indian concrete domes, which can hold up to 10,000 people, providing a conducive environment for worship and meditation.

"Thanks to its open-cell foam structure, Basotect® effectively absorbs reverberations caused by multiple reflections of sound on hard surfaces. Hence, it will provide devotees with a more comfortable acoustic experience which facilitates optimized concentration and calm meditation" says Dr. Tobias Haber, Business Management Speciality Plastics for Asia.

The material is also convincing for its versatile properties, as Srijan Tripathi, Project Head at the Satsang Hall in Mangarh, explains it: "Basotect®'s unique combination of properties, including its high sound absorption, low weight and flame resistance, were instrumental in making it the most suitable material for this project". Its low weight and flexibility provide a great design freedom, making the foam easy to mount and fix without requiring major changes to existing architecture. Basotect® has been applied to 6,000 m² of the inner ceiling of the 82 m diameter wide dome.

