



## Design sound insulation made from Basotect® in Brazilian restaurant

### Case Study

The new “dui” restaurant in Sao Paulo, Brazil has a unique form of décor that provides more than aesthetics. Guests dine in a pleasant environment that offers heightened acoustic comfort provided by the BASF specialty foam, Basotect®. The material is attached to the ceiling in a mosaic composition of different sized blocks created by the architectural firm, SuperLimão Studio. This location is the first restaurant in Latin America to present a design solution using Basotect®. The SuperLimão Studio created an innovative environment capitalizing on the material’s design versatility. Besides, the ambience incorporates functional aspects benefiting from the foam’s excellent sound insulation and flame-retardant properties as well as its light weight and easy attachment to the ceiling.

Thanks to its open-cell, fine-foam structure, the material is noted for its very good acoustic absorption values in the medium and high frequency ranges. The ceiling elements, made from Basotect®, reduce the echo that is caused by multiple reflection of sound on reverberant surfaces. This improves the level of audible speech in spaces where large groups gather, e. g. public buildings, theaters, cinemas and restaurants. The foam’s low weight means that it can be attached using simple techniques, e. g. cable structures. This renders additional static load calculation of the ceiling unnecessary in most cases.

“In general, Basotect® is used in high acoustic performance projects. The interesting factor of this partnership is the way such a technical material comes closer to the end consumer by its design possibilities”, explains Sérgio Cabral, partner of the architecture office SuperLimão Studio. The restaurant décor is the result of the collaboration between the chemical industry, the architectural firm and the restaurant owners. “The opportunity appeared when BASF presented Basotect® to the SuperLimão Studio; they

immediately made a partnership proposition targeting the “dui” restaurant, which they were already working on. The industry tends to increase its participation in such initiatives, because they make it possible for the final consumer to get closer to the product, demonstrating its performance and accelerating new businesses”, says Letícia Mendonça, Specialty Plastics manager for BASF in South America.

