

CASE STUDY

SEALED AIR® Brand Whisper® Acoustic Panels

Executive Summary

APPLICATION:
Urban bar/bistro

CHALLENGE:
Optimise acoustic performance in an industrial warehouse setting

SOLUTION:
SEALED AIR® Brand Whisper® FR Grey

KEY RESULTS:
Reduction of reverberation RT from 1.26 seconds to 1 second

REGION:
EMEA - Italy

CUSTOMER FEEDBACK

“With these panels the difference is tangible. We carried out various tests before and after the installation and we are proud to be able to offer our guests a superior experience”

PRODUCT FEATURES

- Transmission loss 50mm of Rw 13.8
- Light weight
- Moisture resistant & washable
- Semi-rigid self-supporting structure
- Closed cell structure does not absorb moisture, fat, odours or dust
- Fibre free

CHALLENGE

BOVISA URBAN GARDEN is set within the charm of a 1950s industrial warehouse in Milan, Italy. A place to play and listen to music, meet people, exchange ideas and experiences and enjoy good food.

Within such a venue it is important to achieve optimal acoustic performance for both speech and music, whilst preserving the original architectural elements of the building.

The six-metre-high ceilings, vaulted roof and large windows were characteristics of the building's beginnings as a precision mechanical workshop. However, they also proved to be an obstacle to good acoustics.

SOLUTION & RESULTS



SEALED AIR® brand Whisper® Acoustic Panels were installed as vertical baffles from the ceiling, in such a way that they did not impact on the original architecture of the vault.

Supplied by Sealed Air distributor Gruppo Sogimi, the panels are hung from the tie rods of the building and cover a total area of only 34m². The panels can correct the reverberation of the entire environment, which is spread over approximately 930m³. The panels are washable, light, hygienic, with a closed cell surface that

does not absorb moisture, fat, odours, and dust. The sound absorbing panels have easily solved the problem of reverberation in this environment.

SEALED AIR® brand Whisper® Acoustic Panels are a honeycomb-like matrix of networked closed cells which efficiently absorb sound. A practical alternative to fibre, polyester and open cell foams, the panels are available in versions suited to indoor and outdoor applications such as restaurants, swimming pools, and noise barrier wall for road and rail.