

Vibration Prediction & Control Award

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engineering a quiet future



☆ **Joint winner:** Cahill Design Consultants: Oseyo

Oseyo exemplifies the power of acoustic design to transform a highly challenging, acoustically hostile environment into a welcoming, vibrant space. Located beneath London Bridge Station, this double-height Victorian railway arch was to become the Korean supermarket brand's 14th UK location.

Noise and vibration from overhead trains presented a major obstacle. At the project's initial meeting, the rail noise was so intense the meeting couldn't be completed – clearly underlining the scale of the challenge. The client didn't expect complete silence, but needed a space where staff and customers could converse comfortably where the experience felt premium and immersive, not industrial.

A bespoke solution was developed that balanced technical performance with architectural sensitivity, incorporating an independent wall and ceiling structure on a free-standing steel frame,

a lightweight floating floor system to isolate structure-borne vibration and careful detailing to maintain the visual character of the space while delivering significant noise reduction.

The judges praised the entry for its ingenuity and integration, commenting that an unusual, quirky space could have remained derelict, but the team have made it work well. This was a bespoke response to a uniquely difficult site, using familiar methods in a smart, sensitive way.

Acoustic Awards 2025

These awards demonstrate the unique skills of UK based acoustic consultants in addressing challenges, championing innovation and originality and showcasing the significance of a profession which blends art and science to transformational effect.