

ACOUSTIC AWARDS 2023

Now in their 10th year, the ANC awards highlight the unique skills of UK based acoustic and noise professionals, and the dynamic and diverse nature of the industry overall, to inspire the next generation of acoustic consultants. These accolades demonstrate excellence among ANC members in addressing challenges, championing innovation and originality and showcasing the significance of a profession which blends art and science to transformational effect.

Sport and Leisure



WINNER + Finch Consulting: Babylon Park

Sponsored by 

The project is a family entertainment venue comprising rides and various fairground amusement park games. It is located inside a two-storey basement in a mixed-use building in Camden, with noise sensitive users located directly above (retail, office and residential accommodation).

In order to highlight to the various stakeholders the constraints of the site, a series of innovative acoustic mock ups and demonstrations was designed and implemented. During the detailed design stage, a variety of design solutions were put forward in order to abate the impact of noise and vibrations at nearby noise sensitive areas.

Also, as part of the design process, extensive use was made of computer acoustic modelling and the main noise control measures that were implemented included the placement of a rollercoaster and other rides on an enormous spring supported concrete slab, and the installation of around

1000 m² of Class A acoustic absorber panels on the ceiling and around the walls of the space.

The judges agreed this was a highly demanding and innovative project involving the participation of multiple organisations and people. It was noted the ground borne and structure borne noise issues were difficult to work with, involving obviously sensitive receptors within the same building which meant a lot of modelling had to be done which made this an interesting project.

The mock ups that were produced as part of the initial work and the FRF analysis done were particularly identified as impressive by the judges. There has been a successful delivery of the project so its credentials could be verified, and the site has been in operation for the past year without any adverse comments or complaints received during that time which further demonstrates the quality of work delivered.

The Project Manager of Babylon Park said:

“Finch Consulting worked tirelessly with a considerable number of team design members (from various countries) and in conjunction with several stakeholders in order to put forward the most suitable and efficient mitigation design measure that would fit in within the project’s overall scope... what in my opinion set Finch Consulting’s role apart was the overall advice and recommendations offered, which considered a number of variables and factors that could only be described as holistic.”

