MILLER GOODALL
ACOUSTICS AND AIR QUALITY

SANDS VENUE RESORT HOTEL, BLACKPOOL
REDEVELOPMENT OF EXISTING BUILDING

BACKGROUND

The new Sands Venue Resort Hotel is located on the Blackpool seafront in the old Palatine Building. It features a 5 star hotel – the only one in Blackpool – along with bars, restaurants, a spa, gym, and wedding and conference facilities. When it opens in 2021, the Showtown Blackpool museum, which will offer film, music and performance as well as more traditional exhibits, is set to occupy the first floor.

PROPOSITION

Miller Goodall was brought in by architects FWP to develop suitable acoustic conditions for the multi-use building. The various individual spaces within the resort are all quite distinct, and one key element of the project was to ensure that noise from the museum, with its many loud live music exhibits, did not impact on people staying in the hotel above.

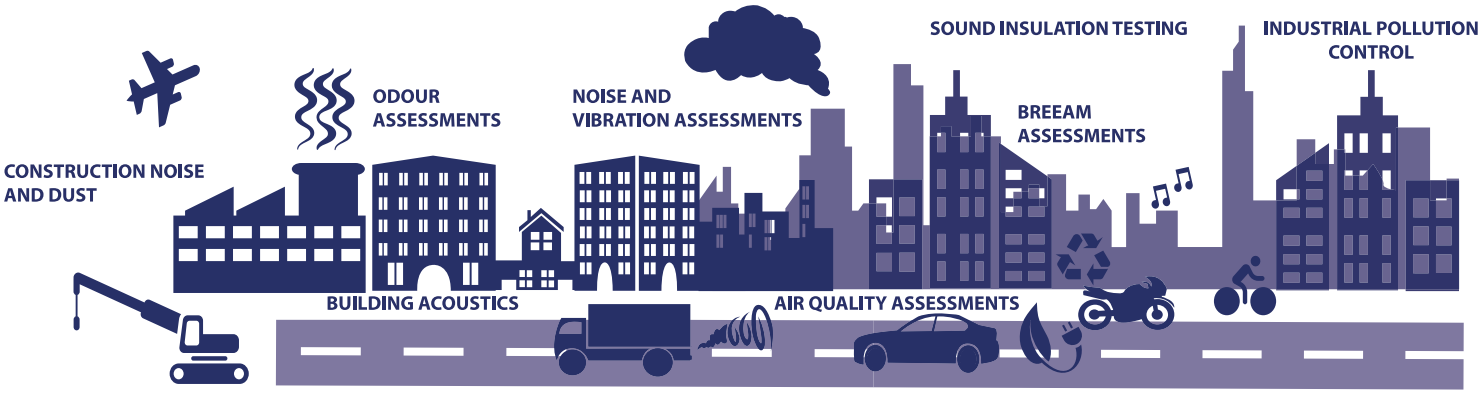
INVESTIGATION

We worked closely with the architects throughout, with our input focussing on three key areas:

- A site survey to look at existing noise levels, then specification of the external building fabric and ventilation to allow suitable noise levels to be achieved
- Development of detailed design for internal sound insulation between different areas within this multi-use building
- Advice on room acoustics

ACTION AND OUTCOME

We recommended important enhancements to the constructions, particularly in relation to limiting noise between the hotel and museum, and supported the architects in achieving the required acoustic criteria. When it opens fully, the venue will be an integral part of what local press has called 'the momentous transformation' of Blackpool taking place over the next ten years.

FOR MORE INFORMATION

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