

GRAHAM HORNBY, Technical Director - Acoustics

ACOUSTICS, WSP | PARSONS BRINCKERHOFF



YEARS WITH WSP

10

YEARS TOTAL

15+

PROFESSIONAL QUALIFICATIONS

MIOA, 2003

AREAS OF PRACTICE

Acoustics

Vibration

CAREER SUMMARY

Graham is a Technical Director at WSP | Parsons Brinckerhoff and manages the acoustics team based in Leeds and the architectural acoustics team in the Manchester office.

He has over fifteen years experience in the field of acoustics, gained on a variety architectural, environmental and building commissions. These cover a wide range of projects and clients, including industrial, commercial residential and education sectors. Graham has experience of managing a team of consultants and project management of large and small projects in Australia, UK, US, Dubai, Qatar, Libya and across Europe.

RELEVANT PROFESSIONAL EXPERIENCE

→ Perth Arena, Perth, Australia

Graham managed the final design / construction stages, including testing and commissioning of the iconic new 15,000 seater stadium in Perth which includes an acoustic retractable roof, and stringent internal acoustic design criteria to enable it to be a truly multi-function space. The venue benefits from a bespoke retractable roof with high levels of acoustic performance. The main 'bowl' was designed to achieve a very demanding reverberation time for its impressive size.

→ Caspian Waterfront, Baku, Azerbaijan

Currently providing acoustic and vibration studies for a new entertainment focussed development on the shores of the Caspian Sea. The project includes an indoor roller coaster, a 45m drop adrenalin ride, a sky dive centre, a climbing wall and an ice climbing wall, a multi-screen cinema, bowling alley, kidzania and an ice rink. A key element of the design is the isolation of the vibration generating adrenalin rides from the rest of the structure.

→ White Rose Cinema Development, Leeds

Providing acoustic design support to the Design and Build Contractor for a new development including a 12 screen cinema multiplex, one of which is being designed to IMax standards.

→ Cloth Hall Court, Leeds

Project undertaken for Leeds Beckett University back in 2008, involving the conversion of a former office building to provide a new Law School building for the University, including modern lecture theatres and a mock court room.