

University of Stirling Sports Centre

Complete	Area	Client	Architect
2020	UK Scotland	University of Stirling	FaulknerBrowns Architects

Sandy Brown was commissioned to provide acoustic design advice on a new build state-of-the-art sports centre complex at the University of Stirling from 2017 at the design stages through to completion in 2020.



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Key spaces included:

- A fully glazed double height central atrium containing a reception and cafe space
- A central cylindrical drum inside the atrium containing two ground floor multi-purpose studios and a fitness suite at first floor level
- A strength and conditioning weightlifting suite at lower ground level
- Three sports halls

Key acoustic considerations included:

- Control of reverberation in the central atrium by the provision of sound absorbing treatment to the drum
- Control of reverberation in the fitness suite
- Control of airborne and structure borne noise and vibration transfer from the fitness suite down to the studio spaces below to facilitate quiet uses in the studios
- Control of structure borne noise and vibration transfer due to heavy weightlifting in the strength and conditioning suite.