

# Solent University Sport Complex



**TOTAL COST** £28M  
**COMPLETED** 2019  
**DURATION** 1Y8M

## RESPONSIBLE BUSINESS



## Project Description

### Sectors

- Education, Higher, Leisure

Solent University's vision for this project was clear and ambitious; the new sports complex facilities will improve and modernise the university, and enable excellence in sport, health and fitness-related degree programmes and associated teaching and research for staff, students and the local community.

### Project profile

- A four-storey steel frame building including two sports halls, three fitness studios, a health and well-being gym, a strength and conditioning high-performance gym and high-quality teaching facilities on a live university campus.

The taller four storey building includes two gyms, fitness and spin studios, physiotherapy facilities, seminar areas, and teaching rooms. Steel framed in construction, it is clad in a striking perforated facade that wraps the entire building. Its pattern is based on an abstraction of the pre-war street layout of the surrounding area. It also has two sport halls; a multi-purpose sports hall that can be used for basketball, futsal, badminton, netball, wheelchair rugby and volleyball; and the performance sports hall, which is specifically for basketball and is where Team Solent Kestrels home games will be held. The hall uses the highest specification scoring technology

### Client

- Solent University

### Stage

- Complete

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### Project key facts

- The project earned a Considerate Constructors Scheme (CCS) score of 44/50

### Related news

Celebrations mark the completion of Torquay Academy's £2.2 million expansion

New £8 million Hailsham Primary Academy handed over 11 weeks ahead of schedule

Essex school places boosted by Morgan Sindall Construction

### Related Links

[Leisure and community](#)

[Higher Education](#)

[Education](#)

## Responsible business

### Enhancing communities



The team achieved 1,845 volunteering hours, taking part in community projects to benefit the local area.

We also engaged with local schools, engaging with 577 pupils, and provided Virtual Reality (VR) and Building Information Modelling (BIM) lectures to 100 students over three days.

### Improving the environment



The sports complex has a range of low carbon technologies that complement the overall estates strategy and support a high quality internal environment.

Energy demands were minimised through use of a 'fabric first' approach, LED lighting, and natural ventilation across the car park and sports halls.

Drawing on the local geothermal district heating network reduces carbon emissions of nearly 50 per cent compared to natural gas boilers, while photovoltaic panels mounted on the sports hall roof provide an additional source of renewable energy.

Greywater is harvested from showers, treated and re-used. These measures combine to reduce CO<sub>2</sub> emissions by 30 per cent, helping to achieve an EPC A Rating and BREEAM Excellent score.

The project diverted 99 per cent of waste from landfill.

### Working together with our supply chain



Of our project spend, 86 per cent was with 36 small and medium-sized enterprises (SMEs).

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### Testimonials

*"Morgan Sindall Construction are extremely collaborative and work well as a team. They communicate effectively and share the common goals of the project; this ensured the result of the finished facility. The work was of good quality and they worked well with the consultants and wider team which has benefited the project."*

**Kevin Walls, Architect and Senior Project Manager, Corporate Programme Management Office  
Solent University**

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