

# case study

## High performance low profile floor meets all requirements

Products used: **InstaSport Low Profile with Gerflor Sports Vinyl floor – 430m<sup>2</sup>**

Flooring Contractor: **CMC Flooring Ltd, St Helens**

When Liverpool Hope University decided to build a major extension to its main sports hall, CMC Flooring was approached to provide a slim floor system in order to match the height of the existing floor.

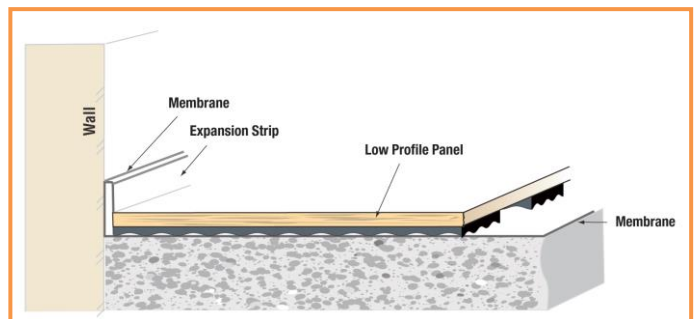
In addition, it had to be a high performance floor that met European professional standards and was capable of hosting major regional and national sports competitions. The InstaSport low profile system was able to meet all these specifications and deliver the high quality floor required.

The low profile sprung sub-floor is only 28mm thick and consists of special, resilient, recycled rubber pads bonded to a structural plywood layer. The system was fast to install, helping to meet the tight completion deadline and, when combined with the Gerflor Sports vinyl, produced a high performance, combined-elastic, shock absorbing floor.

This resilient floor is suitable for a wide range of sports, as well as non-sporting activities, and complies with the requirements of EN 14904 and the strict criteria stipulated by many sports governing bodies, such as Sports England. The system is also designed to withstand the loadings from users and equipment as defined in BS 6399: Part 1.

The low profile sports floor provided various benefits:

- Slim system easily matched the existing floor
- Complies with EN 14904
- Suitable for all level sub-floor constructions
- Achieves Combined-Elastic standard
- Cost-effective, quick and easy to install
- Complies with professional competition standards
- High performance, long-lasting system
- Shock absorption helps avoid injury and fatigue



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