

University of South Wales SP18/25 Professional Sports Floor



This sports flooring project for Treforest Campus at the University of South Wales was installed in February 2022.

The 880m² sports hall at the University was intended for playing basketball, badminton netball and other sports. The floor therefore had to be designed for multi sports use, and a combined elastic C4 sports floor was specified.

This offers the highest performance for shock absorption and gives athletes maximum protection against injuries.

InstaFloor worked in partnership with Gerflor UK and Artisan Flooring, Swansea to deliver the complete project. Gerflor liaised with the client and architect to confirm the correct specification. The playing surface was Gerflor's Taraflex sports vinyl.

InstaFloor's rubber cradle sprung sports floor was able to level the subfloor accurately, creating a perfect playing surface. The dry system also avoided the use of levelling compounds or wet screeds: installation times were faster, and no moisture was introduced into the process.

A core consideration for this project was high loading from retractable seating. When deployed, the seating could potentially cause issues, since the sports floor must be able to deflect and move to offer a true sprung performance.

Products used:

SP18/25 Professional Sports Floor with Gerflor's Taraflex sports vinyl. Creates a combined elastic C4 category floor.

Developer:

Gerflor UK

Property:

Sports Hall 880m²

Main Contractor:

Artisan Flooring, Swansea

Product Benefits:

- Finished floor is fully compliant with EN 14904.
- Designed for multi sports use: our specialised rubber cradles provide a resilient supporting layer: they won't collapse over time and will protect users for decades
- Fast to install – no structural subfloor preparation is required, meaning no mess or wet trades
- Easily laser-levelled on site: cradle and base packer system can quickly eliminate subfloor height variations or address uneven surfaces

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For more information please call 0118 973 9560 or email sales@instagroup.co.uk

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This challenge was met by designing and building a special level: this allowed the sports floor to maintain the sprung performance required for professional sports, with the ability to support the extra loads when required.

Essentially, the floor is now designed to withstand these loads over time, preventing damage and ensuring the sprung performance is maintained during its lifetime of use.

If you want to find out more about the benefits and advantages of our sports flooring, get in touch with InstaFloor.



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