

case study

Eldon Leisure Centre, Newcastle

Sub-floor: **InstaSport SPB19/25 system**

Floor finish: **Bamboo MultiSport (19mm)**

At the Eldon Leisure Centre, a multi-purpose sports and leisure facility in Newcastle upon Tyne, the new gymnasium floor surface is the first sports floor in the UK to use bamboo wood, although it has been used for a number of years in the USA.

In conjunction with the bamboo wood finish, the InstaSport cradle and batten system was installed and laser levelled on site. With this system, no sub-floor preparation was required, thereby avoiding mess and saving significant time and money.

InstaSport rubber crumb cradles were positioned at the required spacing and adjusted with packers to achieve the level finished floor height. The 25mm x 43mm timber battens were then placed in position and overlaid with the 19mm thick tongue and groove bamboo boards. These were then secret nailed directly to the battens to complete the 1645m² gym floor quickly and effortlessly.

The Bamboo MultiSport floor range (bamboomultisport.co.uk) reflects InstaFloor's commitment to environmentally responsible products and offers various benefits:-

- The bamboo is FSC certified
- It is harvested from sustainable sources
- It grows quickly and is rapidly renewable
- It requires no replanting as it grows again from the existing roots.
- Manufactured floors contain no formaldehyde
- They produce a greater hardness, dimensional stability and surface brightness than hardwood floors.

The completed installation provides Eldon Leisure Centre with a resilient, hard wearing, impact energy absorbing, area elastic floor that complies with the requirements of EN 14904 (Type A3) and the strict criteria of many sports governing bodies.



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