

Sports Flooring System

Dynamik Flexi-Beam Elite

Timber Sprung Area Elastic Sports Floor



The DYNAMIK Flexi-Beam Elite system is a cradle and beam sprung area elastic sports floor. It incorporates Flexi-Beams which support a 22mm engineered hardwood board. The system can be packed and levelled to take out variations in the sub floor.

The structure of the Flexi-Beam Elite system incorporates Flexi-Beams to provide a stable base for the 22mm board and allows for underfloor heating and insulation to be incorporated between the beams.

Given it can be packed and levelled off a structural slab the requirement for a levelling screed is avoided.

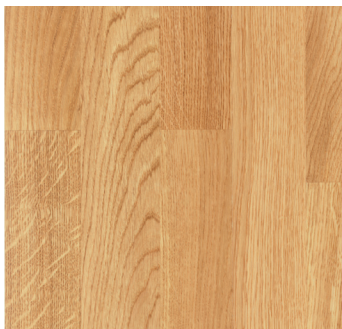


Flexi-Beam Elite Benefits

- Meets the requirements of EN 14904
- Sport England compliant
- Packed & levelled construction
- Underfloor heating compatible
- Complies with the latest ESFA specification
- Factory finished sports lacquer
- 25 year warranty
- Enhanced acoustic properties

Surface Finishes

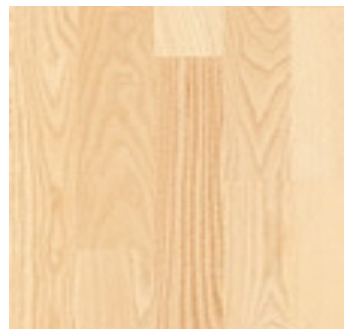
The Flexi-Beam Elite engineered hardwood board is available in four different wood species: European Oak, Beech, Ash and Canadian Maple.



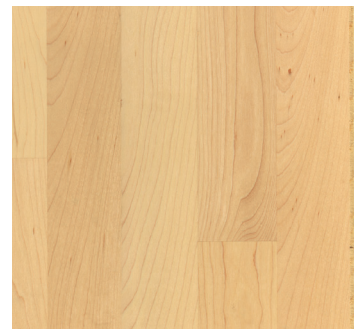
European Oak



Beech



Ash



Canadian Maple

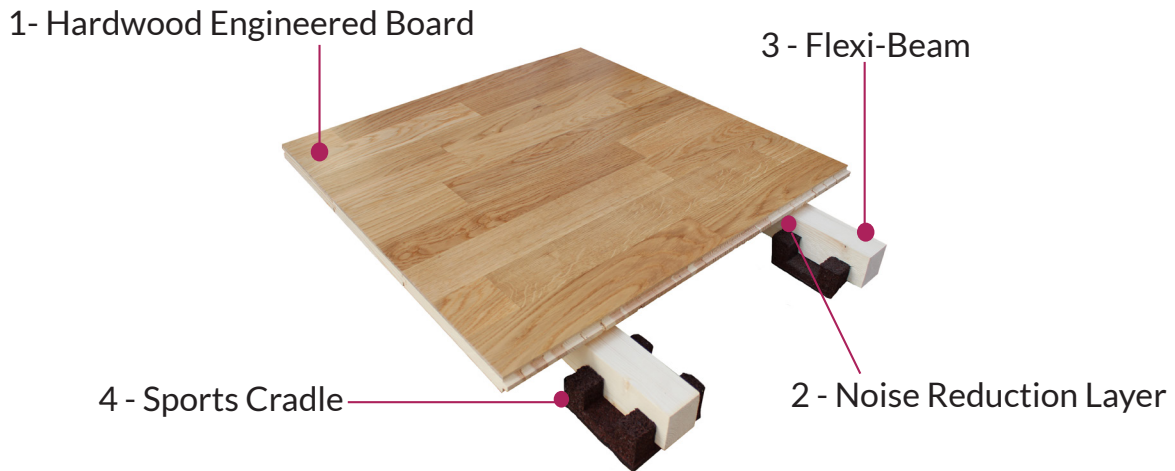
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Technical Specifications




1	Hardwood Engineered Board: 2.52m x 194mm x 22mm	22mm
2	Noise Reduction Layer - Polyethylene	0.03mm
3	Flexi-Beam size: 2.44m x 43mm x 30mm (360mm Centres)	30mm
4	Sports Cradle size: 100mm x 100mm x 20mm (600mm Centres Along Flexi-Beams)	20mm
5	Levelling Shims: Minimum void requirements 75mm	To Suit Void
Minimum Construction Height (excluding levelling shims)		72.03mm




Performance Characteristics

Certification - EN14904	Class A3	Class A4
Shock Absorption	40% < 55%	55% < 75%
Vertical Deformation	1.8 mm < 3.5mm	2.3mm < 5.0mm
Rolling Load	< 1,500 N	< 1,500 N
Ball Rebound	≥ 90%	≥ 90%
Slip Resistance	80 - 110	80 - 110

Specification Downloads

 BIM
www.nationalbimlibrary.com/en-gb/dynamik-sports-floors

 NBS
www.ribaproductselector.com/dynamik-sport/27790/overview.aspx

 Sports Flooring  Track & Gym  Acoustic Walling  Maintenance & Protection

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