

## Sports Flooring System

### Dynamik Flexi-Beam Elite

Sprung Engineered Timber 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

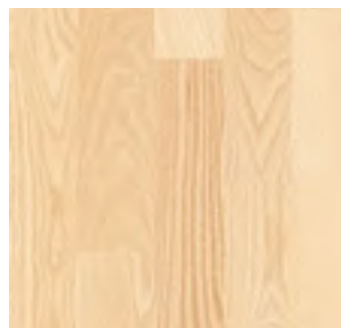
The Flexi-Beam Elite engineered hardwood board is available in four different wood species:



European Oak



Beech



Ash



Canadian Maple

# Dynamik Flexi-Beam Elite

## Technical Specifications



1	<b>Hardwood Engineered Board:</b> 2.52m x 194mm x 22mm	22mm
2	<b>Flexi-Beam:</b> 2.44m x 43mm x 27mm (420mm Centres)	27mm
3	<b>Sports Cradle:</b> 100mm x 100mm x 10mm (600mm Centres Along Flexi-Beams)*	10mm
4	<b>Levelling Shims:</b> Minimum void requirements 55mm	To Suit Void
<b>Minimum Construction Height (excluding levelling shims)</b>		<b>59mm</b>

\*Thickness of cradles/beams can vary dependent on void depth up to 120mm. For a greater void than 120mm, cradle-base packers can be used.

## 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

<https://www.nationalbimlibrary.com/en-gb/dynamik-sports-floors>



NBS

<https://www.ribaproductselector.com/dynamik-sport/27790/overview.aspx>