

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	Hardwood Engineered Board: 2.52m x 194mm x 22mm	22mm
2	Flexi-Beam: 2.44m x 43mm x 27mm (420mm Centres)	27mm
3	Sports Cradle: 100mm x 100mm x 10mm (600mm Centres Along Flexi-Beams)*	10mm
4	Levelling Shims	To Suit Void
System Thickness (excluding levelling shims)		59mm
<i>A minimum void (drop in slab) of 75mm is required to install, pack and level the system.</i>		

*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>

*Product specifications may be subject to change without notice, please contact DYNAMIK for the latest product information