

# Sports Flooring System

## Dynamik Athen

Low Profile Synthetic Sprung Area Elastic Sports Floor



The Dynamik Athen system is a low profile sprung area elastic sports floor. It is designed to be laid on a level slab (+/- 3mm over 3m) to accommodate a variety of solid synthetic finishes including Sport Vinyl, Sport Linoleum, Sport Polyurethane and Sport Rubber.

The construction of the Athen system consists of a load distribution module installed on to a high density elastic layer. As every part of the surface is equally supported by the elastic layer consistent sports performance is guaranteed.

The low construction height of the system makes it ideal for refurbishments and with a range of solid synthetic finishes it is suited for both sport and non-sport activities.

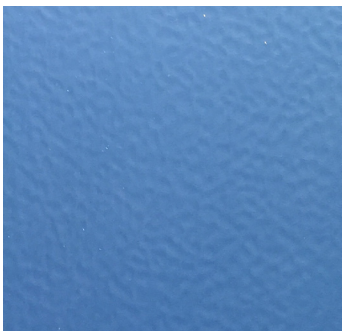


### Athen Benefits

- Meets the requirements of EN 14904
- Sport England compliant
- Durable and easy to maintain
- Suitable for overlaying existing sports floors
- Ideal for refurbishments
- Low construction height
- Low maintenance costs
- 25 year warranty

### Surface Finishes

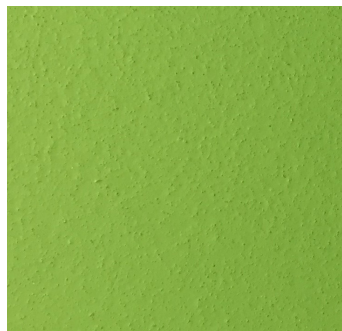
The Athen system can be installed with a range of solid synthetic finishes such as Sport Vinyl, Sport Linoleum, Sport Polyurethane and Sport Rubber.



Sport Vinyl



Sport Linoleum



Sport Polyurethane



Sport Rubber

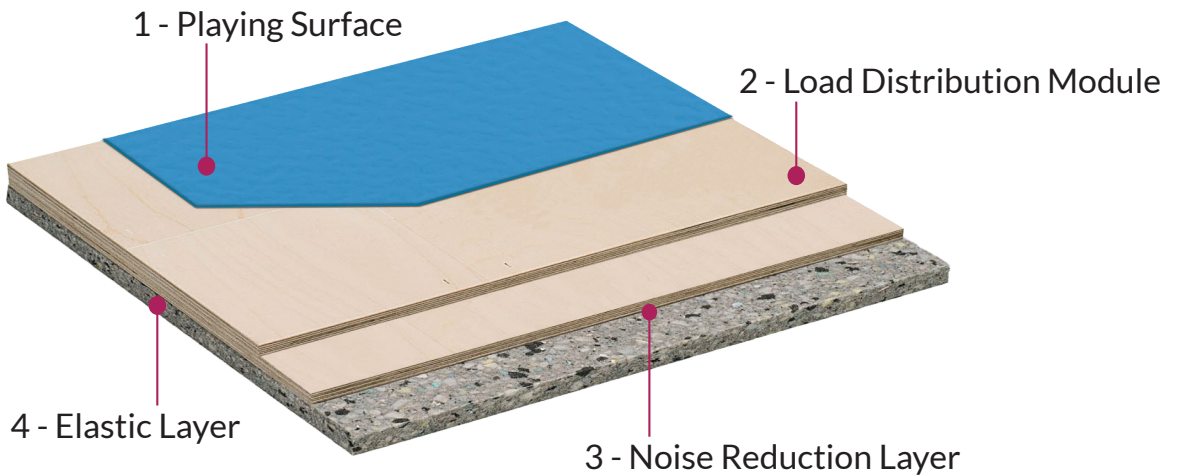
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### Technical Specifications



1	Playing Surface	As Specified
2	Load Distribution Module - 2 panels off set & bonded together, Each panel: 2.44m x 1.22m x 9mm	18mm
3	Noise Reduction Layer- Polyethylene - Roll size: 25m x 4m x 0.03mm	0.03mm
4	Elastic Layer - Sheet size: 2m x 1m x 15mm	15mm
Minimum Construction Height (excluding playing surface)		33.03mm

### Performance Characteristics

Certification - EN14904	Class A3	Class A4
Shock Absorption	40% < 55%	55% < 75%
Vertical Deformation	1.8 mm < 3.5mm	2.3 mm < 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/dynamik-sports-floors](http://www.nationalbimlibrary.com/dynamik-sports-floors)



NBS  
[www.ribaproductselector.com/dynamik-sports-floors](http://www.ribaproductselector.com/dynamik-sports-floors)