



Indoor Sports Floors Guidance for Netball

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Performance Standards for Indoor Courts

www.Englandnetball.co.uk/facilities

General Description	Test Method	Class 1 Area Elastic (AE) / Combined Elastic (CE)	Class 2 Point Elastic	Qualifications / Additional consistency requirements
Slip resistance and consistency¹	BS EN 13036-4 ²	75-110	As Class 1	All test positions shall give mean results within ± 5 of the overall mean for the court
Rotational resistance	BS EN 15301-1 ³	15-45 Nm	As Class 1	Nm = Newton metres
Ball rebound and consistency	BS EN 12235 ⁴	$\geq 80\%$ ($\geq 1.0m$)	As Class 1	All test positions shall give mean results within ± 5 of the overall mean for the court
Shock absorption	BS EN 14808	45-60%	25-45%	
Vertical deformation	BS EN 14809	AE*: $\leq 5.0mm$ *	$\leq 4.0mm$	* Class 1 values for AE
		CE**: $VD^5 / \leq 2.0mm$		** Class 1 values for CE
Surface regularity	BS EN 13036-7	Courts shall be built flat with no undulation greater than 3mm		
Accuracy of line markings	Steel tape or equivalent	All line markings shall be within $\pm 15mm$ of their specified positions		



Indoor Sports Flooring


Guidance for Netball

Options

1. Class 1 - sprung wooden (A3 or A4 area elastic)
2. Class 1 - sprung sports floor finished with a solid synthetic surface (A3 or A4 area elastic)
 - Polyurethane (PU)
 - Sport vinyl
 - Sport linoleum
3. Class 1 – foam backed vinyl on sprung floor (combined elastic)
4. Class 1 – glass flooring with LED line marking technology (A4 area elastic)
5. Class 2 – foam backed vinyl on solid floors (point elastic)



Options vs Suitability for Different Levels of Netball

Option 1 Sprung wooden A3 or A4 area elastic	Example
<p>Suitable for all forms of netball up to and including International fixtures and major tournaments such as the Netball World Cup and Commonwealth Games</p> <p>Community Club Premier (Inter)national</p>	 <p>'Rome 20' Haro Portable Indoor System installed at The Copper Box, Queen Elizabeth Olympic Park</p>



Options vs Suitability for Different Levels of Netball

Option 2
Sprung sports floor finished with a solid synthetic finish
A3 or A4 area elastic

Example

Suitable for all levels of the game up to and including National Premier competition. Some lower level International fixtures may be played but wouldn't be considered suitable for events such as the Netball World Cup or Commonwealth Games.

Community
Club
Premier



Seamless polyurethane over a sprung base at Hartpury College & University



Options vs Suitability for Different Levels of Netball

Option 3
Foam backed vinyl on sprung floor
Combined elastic

Example

Suitable for all levels of the game up to and including National Premier competition. Some lower level International fixtures may be played but wouldn't be considered suitable for events such as the Netball World Cup or Commonwealth Games.

Community
Club
Premier



Foam backed vinyl layer installed over sprung timber surface at Loughborough University



Options vs Suitability for Different Levels of Netball

Option 4
Glass flooring with LED line marking technology
A4 area elastic

Example

Suitable for all levels of the game up to and including National Premier competition. Being considered for future International events such as the Commonwealth Games.

Community
Club
Premier



ASB Glass floor at
Oxford University



Options vs Suitability for Different Levels of Netball

Option 5

Foam backed vinyl on solid floors
Point elastic

Example

Suitable for Community and Club levels of the game. Accepted by Regional levels of competition.

Community
Club



Point elastic surface at Bromley High School

Questions?