

## TECHNICAL DATA

# Arenaflex ELEVATION

### STADIUM

Building height: 77-147mm

Board: 23 x 215 x 2200mm

Format: 3-strip

CE



Weight Load



Floor Heating



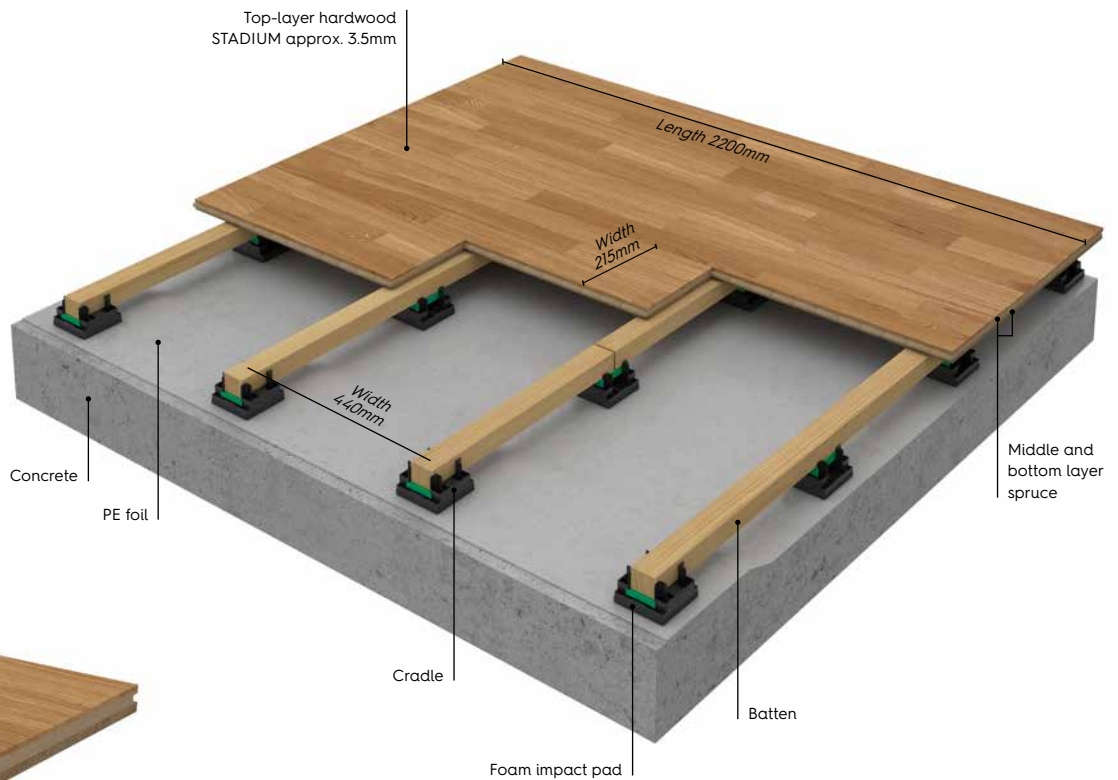
Uneven Sub-Floor



Variable Heights

Education

Arena



Performance according to EN14904	Shock absorption		Deformation		Friction	Ball bounce	Rolling load
	TYPE 3: ≥ 40% ≤ 55%	TYPE 4: ≥ 55% ≤ 75%	TYPE 3: ≥ 1.8mm ≤ 3.5mm	TYPE 4: ≥ 2.3mm ≤ 5.0mm			
<b>Arenaflex Elevation</b>	STADIUM	64%		3.1mm	100	93%	OK



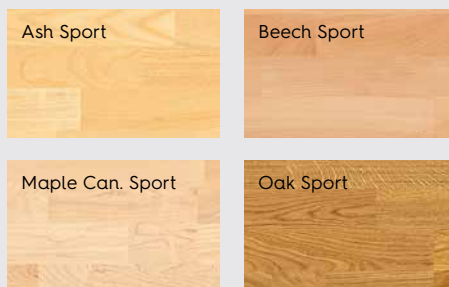
3-strip



Tongue & groove

Wood species / Grading

Package overview



Pack size: 4 boards = 1.89 m<sup>2</sup> (21 kg)  
 Pallet size: 45 packs = 85.05 m<sup>2</sup> (945 kg)

Batten Centres at 440mm  
 Batten Calculation = 2.52 lm/m<sup>2</sup> of floor

Cradle Calculation:  
 Batten 36mm = Cradle Centre 450mm = 5.6 Cradles/m<sup>2</sup>  
 Batten 48mm = Cradle Centre 600mm = 4.2 Cradles/m<sup>2</sup>

Arenaflex Stadium Construction Details (from the top to the edge of concrete/subfloor)		Height									
<b>Arenaflex Stadium board</b> • Hardwood top-layer 3.5mm • Middle layer and bottom layer spruce	Arenaflex board size: 23 x 215 x 2200mm	23	23	23	23	23	23	23	23	23	23
<b>Batten</b> , softwood Batten Centres at 440mm Batten Calculation = 2.52 lm/m <sup>2</sup> of floor	Batten dimension: 36 x 45 x 1800mm	36	36	36	36						
	Batten dimension: 48 x 45 x 1800mm					48	48	48	48	48	
<b>Packers</b> (Maximum of 14mm per cradle)	Thickness: 2mm and 6mm										14
<b>Cradle</b> Polypropylene Flooring support with a 12mm resilient foam pad built in	E1 - Cradle 90 x 90 x 18mm	18					18				
	E1 - Cradle 90 x 90 x 32mm		32					32			
	E2 - Cradle 90 x 90 x 47mm			47					47		
	E2 - Cradle 90 x 90 x 62mm				62					62	62
<b>PE foil</b> (ordered separately)	Special requirement for new buildings: 2 layers of 0.2mm. It is not a moisture barrier, but gives to the floor an extra protection.	0.4mm									
<b>Minimum construction height</b>		77	91	106	121	89	103	118	133	147	

**MAINTENANCE**

We recommend starting a regular system of maintenance from day one. The amount of maintenance your floor requires will depend on how you use and treat it. For more information: [boensport.com](http://boensport.com)

BOEN Sport flooring is a product of natural materials. Respect for nature is reflected in our processing and management of raw materials. BOEN constantly seeks methods for processing the raw materials in the most gentle and sustainable manner possible.

All raw material used in production is sourced from forest areas that are properly managed with a high degree of regeneration. The goal is to ensure that all our raw material is certified. We invest in sustainable production and guarantee a controlled and certified supply chain.

Read more on [boensport.com](http://boensport.com)

