

TECHNICAL DATA

Elastflex

CHAMPION

Building height: 33mm
 Board: 18 x 1250 x 2500mm
 Format: Plywood layers
 €€



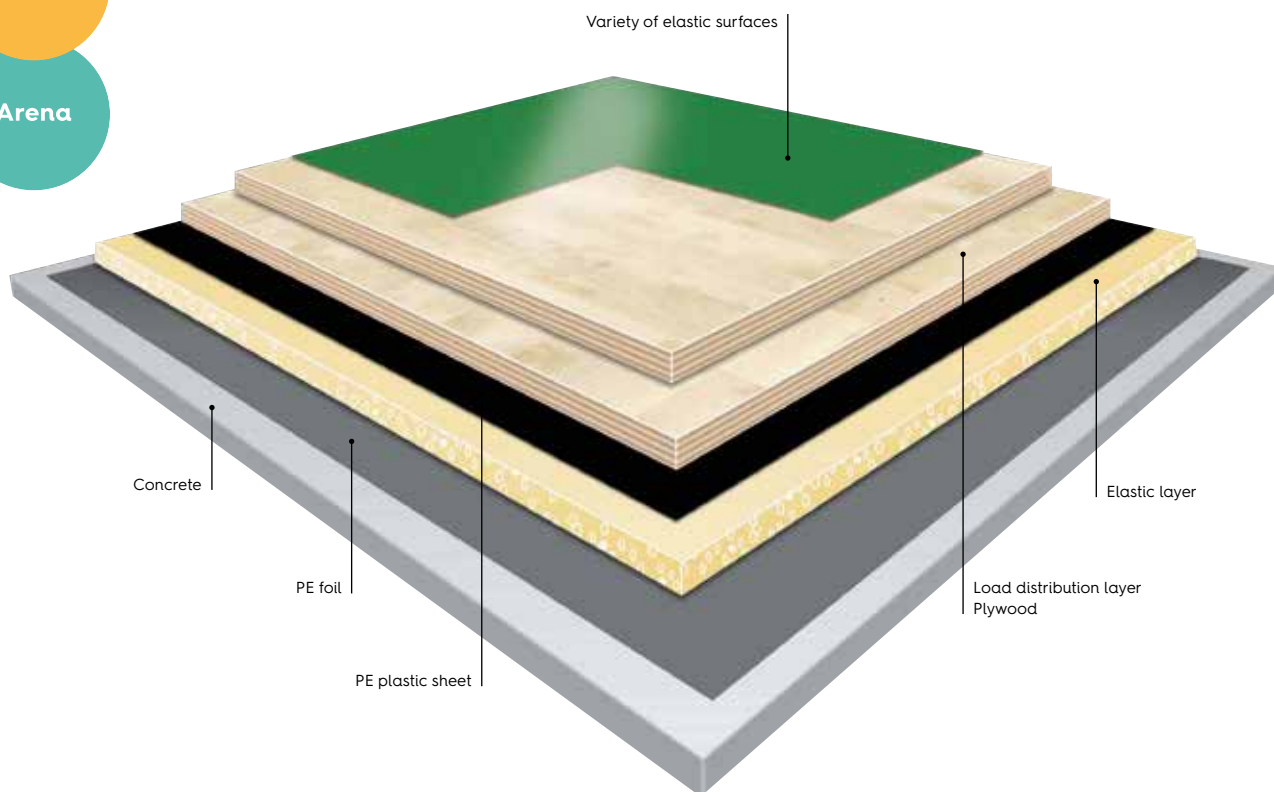
Weight Load



Low Floor Elevation



Suitable for elastic layer



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			
Elastflex	CHAMPION		57%		3.3mm	-	96%	OK



Wood species / Grading

Weight overview

Champion



Average 15 kg per m² based on 350 m² sports floor, this may vary depending on size of installation.

Elastflex Champion Construction Details (from the top to the edge of concrete/subfloor)

Height

Elastflex Champion · Load Distribution Panel, Plywood Birch (BFU 100 C/C) · Load Distribution Panel, Plywood Birch (BFU 100 CP/C)	Panel size: 9 x 1250 x 2500mm = 3.125 m ²	18mm
PE plastic sheet Laid out loosely, approx. 100mm overlapped at the joints	0.05mm per roll 100 m ²	0.05mm
Elastic layer Laid out loosely, intermittently displaced	VB plates RG90: 15 x 1510 x 2240mm = 3.38 m ²	15mm
Perimeter boards	15 x 100 x 2500mm	✓
PE foil (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
Construction height (without top layer)		33mm

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

ENVIRONMENT

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.

FSC™ (Forest Stewardship Council) is a global non-profit organization, which promotes worldwide environmentally appropriate, socially beneficial, and economically viable management of the world's forests.

FSC™-certified products are controlled along the whole supply chain in order to separate it from non-certified wood. They are made from wood sourced from responsibly managed forests and other controlled sources.

The FSC™-trademark ensures that the wood has been harvested in a responsible way for animals, people and the environment. Buying such products helps to save our forests. More information on: www.fsc.org.

Read more on boensport.com

