

TECHNICAL DATA

Singleflex

ATHLETIC

Building height: 68mm
 Board: 16 x 925 x 2050mm
 Format: Chipboard layer
 €€



Weight Load



Floor Heating



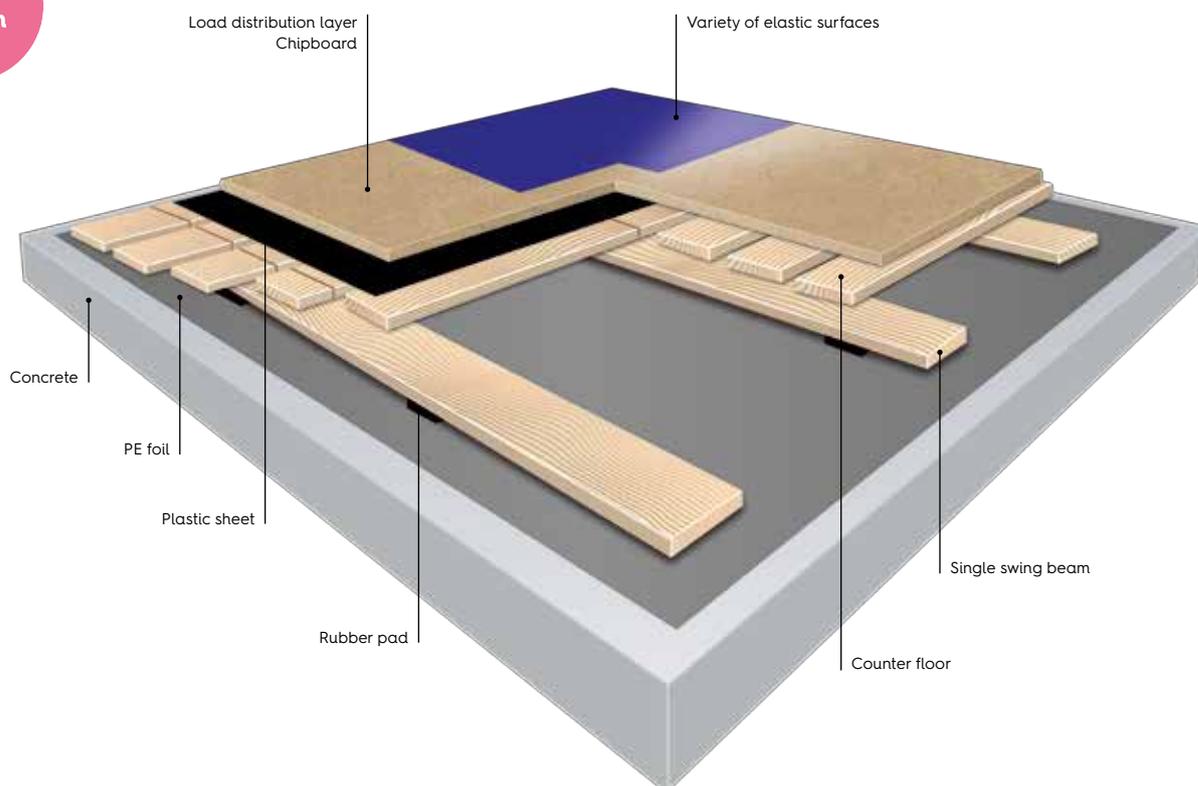
Uneven Sub-Floor



Variable Heights



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			
Singleflex ATHLETIC**		62%		3.1mm	-	97%	OK

**according to DIN18032



Wood species / Grading

Package overview

Athletic



Average 20 kg per m² based on 350 m² sports floor, this may vary depending on size of installation.

Singleflex Athletic Construction Details (from the top to the edge of concrete/subfloor)		Height
Singleflex Athletic • Load Distribution layer, Particle board (made of wood) Quality: V 100 E1, according to DIN 68763 Load Distribution layer screwed into the counter floor.	Layer size: 2050 x 925 x 16mm = 1.896 m ²	16mm
PE plastic sheet Laid out loosely, approx. 100mm overlapped at the joints	0.05mm per roll 100 m ²	0.05mm
Counter floor modules In fixed-length, nailed crosswise into the single swing beams Centre to centre: approx. 146mm	16 x 97 x 4000mm	16mm
Single swing beam • Pre-fabricated in fixed-length, with supporting cushion pads • Laid out in longitudinal direction of the hall • Centre to centre: 500mm	20mm pad. 36 x 97 x 4000mm	36mm
Perimeter support block	4mm blocks, packed in sacks	✓
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
Building height (without top layer)		68mm

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.

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