

TECHNICAL DATA

SINGLEFLEX

ATHLETIC

Building height: 68 mm
 Board: 16 x 925 x 2050 mm
 Format: Chipboard Layer
 CE



WEIGHT LOAD



FLOOR HEATING



UNEVEN SUB-FLOOR



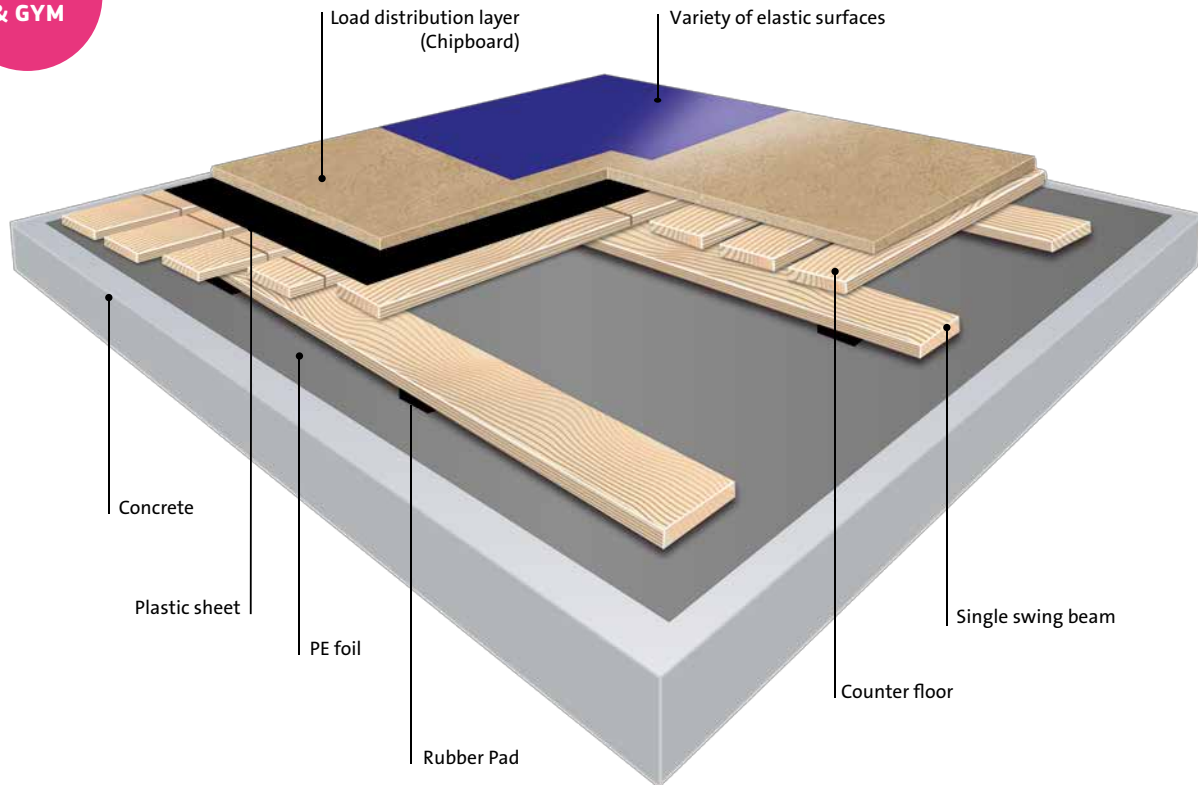
VARIABLE HEIGHTS



SUITABLE FOR ELASTIC LAYER



STUDIO
& GYM



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%		3.1 mm	-	97%	OK

**according to DIN18032



Wood species / Grading

Package overview



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 16 mm = 1.896 m ²	16 mm
PE Plastic Sheet Laid out loosely, approx. 100 mm overlapped at the joints	0.05 mm per roll 100 m ²	0.05 mm
Counter Floor Modules In fixed-length, nailed crosswise into the single swing beams Centre to centre: approx. 146 mm	16 x 97 x 4000 mm	16 mm
Single Swing Beam • Pre-fabricated in fixed-length, with supporting cushion pads • Laid out in longitudinal direction of the hall Centre to centre: 500 mm	20 mm pad. 36 x 97 x 4000 mm	36 mm
Perimeter Support Battens	4 mm blocks, packed in sacks	✓
PE Foil (ordered separately)	Special requirement for new buildings: 2 layers of 0.2 mm. It is not a moisture barrier, but gives to the floor an extra protection.	0.4 mm
Building height		68 mm

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

The environment is at the core of all we do

BOEN hardwood flooring is a product of nature. As a procurer of timber BOEN has an important heritage to maintain. Constant involvement in resource preservation methods, participation in reforestation programmes and the development of alternatives to exotic species shows Boen's dedication towards the environment.

All timber purchased by BOEN is supplied from sources who belong to one or more forestry schemes or are working towards certification.

BOEN Bruk (Norway) FSC™ C051117, BOEN Parkett Deutschland (Germany) FSC™ C101713, BOEN Lietuva (Lithuania) FSC™ C021510, BOEN UK FSC™ C047288, BOEN US FSC™ C095158. www.fsc.org, FSC – The mark of responsible forestry.

