



JUNCKERS

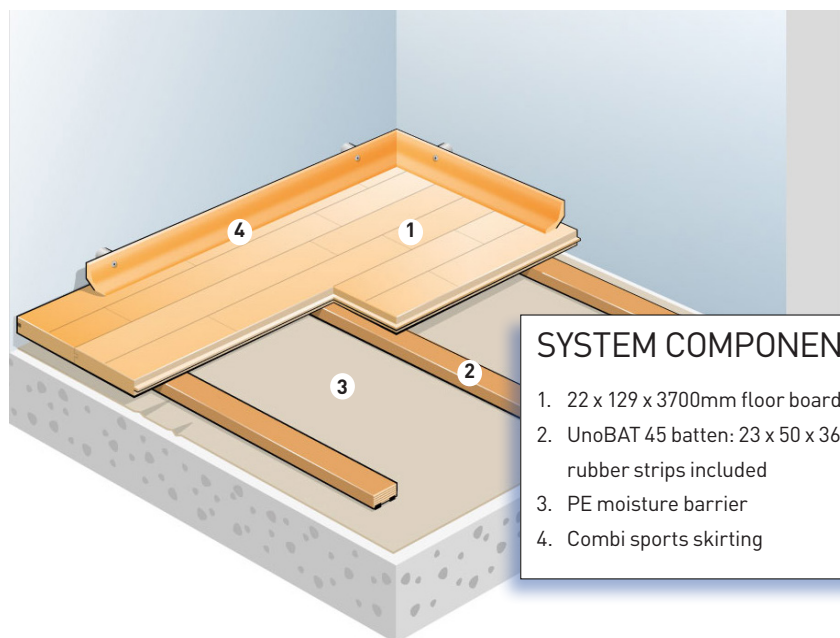
UNOBAT 45

Batten system for even subfloors
Construction height 45mm

[JUNCKERS.COM](https://www.junckers.com)

UNOBAT 45

The solid floor boards are nailed to a resilient subconstruction of one layer engineered battens featuring a unique arrangement of specially developed rubber strips premounted on the underside of the battens.



SYSTEM COMPONENTS

1. 22 x 129 x 3700mm floor boards
2. UnoBAT 45 batten: 23 x 50 x 3600mm, rubber strips included
3. PE moisture barrier
4. Combi sports skirting

FACTS	
PERFORMANCE	Area-elastic according to EN 14904 class A4
USE	All types of sport Multi-functional sports halls From small leisure centres to large arenas Refurbishment
FLOORBOARD TYPE	Prefinished 22mm 2-strip solid hardwood parquet
SUBCONSTRUCTION	Single layer batten system
BATTEN CENTRE, C/C	Choice between 336mm and 411mm
REQUIRED SUBFLOOR	Even
CONSTRUCTION HEIGHT	45mm
JUNCKERS 25 YEARS FATIGUE TEST	Yes
SANDING AND RE-SEALING	Yes to bare wood 8-10 times

TEST TYPE	Requirements EN 14904:A4	Batten distance c/c 411mm	Batten distance c/c 336mm
SHOCK ABSORPTION	≥ 55 < 75 %	60 %	60 %
VERTICAL DEFORMATION	≥ 2.3 < 5.0 mm	2.9mm	2.4mm
BALL BOUNCE	≥ 90 %	95 %	97 %
FRICTION	≥ 80 ≤ 110	~ 85	~ 85
ROLLING LOAD	≥ 1500 N	✓ 3000 N ¹⁾	✓ 3500 N ¹⁾
POINT LOAD	None	5500 N ~ 550 kgs ²⁾	6000 N ~ 600 kgs ²⁾

1. Junckers test with solid rubber wheels: width 50mm, diameter 100mm.

2. Junckers test with 100x100mm point load