

A dynamic action shot from a basketball game. A player in a white jersey is in mid-air, holding an orange basketball with both hands, preparing to shoot. He is being closely guarded by a player in a red jersey who is also jumping. The background shows a blurred crowd of spectators in a gymnasium. A large teal graphic element is overlaid on the right side of the image.

JUNCKERS SPORTS AND DANCE

FLOOR SYSTEMS



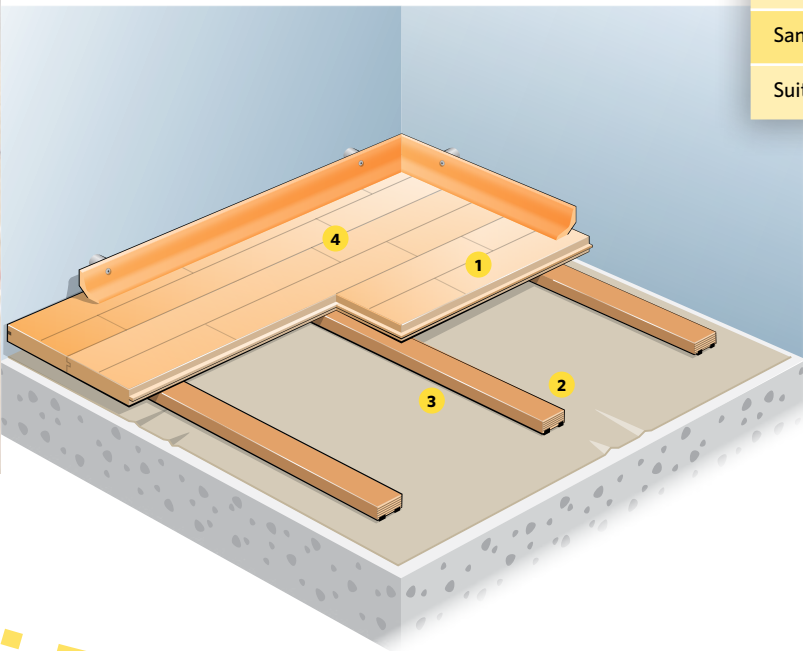
JUNCKERS
WINNING SPORTS FLOOR SOLUTIONS

UNO BAT 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.

FEATURES

Performance	Area-elastic according to EN 14904 class A4
Use	Multi/single purpose/squash courts Refurbishment High Performance sport
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
Suitable for underfloor heating	Yes



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

TEST	Requirements EN 14904:A4	Test results	
		411mm Batten centre	336mm
Shock absorption	≥ 55 < 75 %	60%	57%
Vertical deformation	≥ 2.3 < 5.0 mm	2.9 mm	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.