



# JUNCKERS

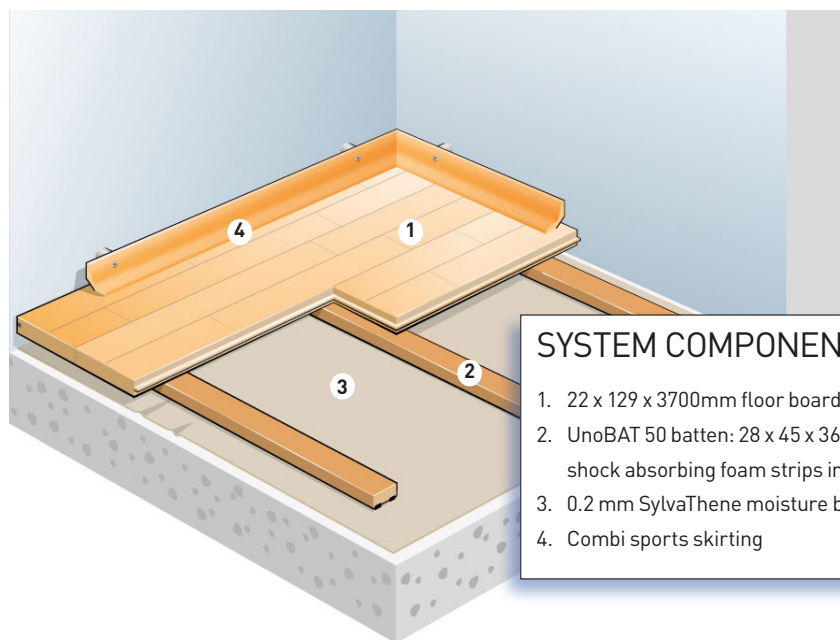
## UNOBAT 50

Batten system for even subfloors  
Construction height 50mm

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# UNOBAT 50

The 22 mm solid hardwood floorboards are fastened to a resilient subfloor consisting of single layer engineered battens with pre-attached special designed shock absorbing foam strips. The shock absorbing foam strips are inset into a "U" shaped channel on the underside of the batten. This design creates a built-in stop block, ensuring the long-term resilience of the system.



## SYSTEM COMPONENTS

1. 22 x 129 x 3700mm floor boards
2. UnoBAT 50 batten: 28 x 45 x 3600mm, shock absorbing foam strips included
3. 0.2 mm SylvaThene 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
SUBCONSTRUCTION	Single layer batten system
BATTEN CENTRE, C/C	336 mm
REQUIRED SUBFLOOR	Even
CONSTRUCTION HEIGHT	50 mm
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 336mm
SHOCK ABSORPTION	≥ 55 < 75 %	64 %
VERTICAL DEFORMATION	≥ 2.3 < 5.0 mm	2.9mm
BALL BOUNCE	≥ 90 %	96 %
FRICTION	≥ 80 ≤ 110	~ 85
ROLLING LOAD	≥ 1500 N	3500 N <sup>1)</sup>
POINT LOAD	None	6000 N ~ 600 kgs <sup>2)</sup>

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

2. Junckers test with 100x100mm point load



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