

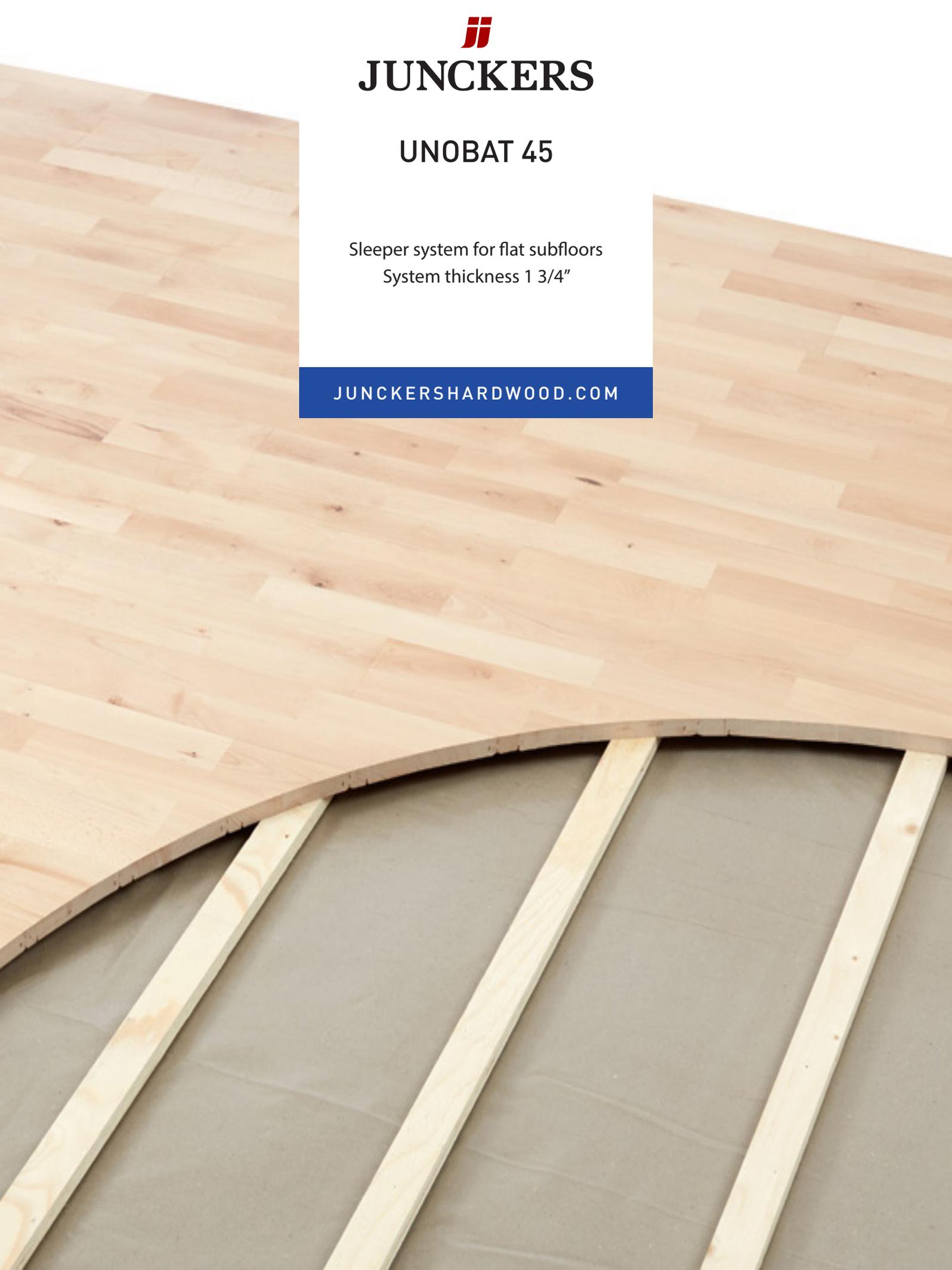


JUNCKERS

UNOBAT 45

Sleeper system for flat subfloors
System thickness 1 3/4"

JUNCKERSHARDWOOD.COM

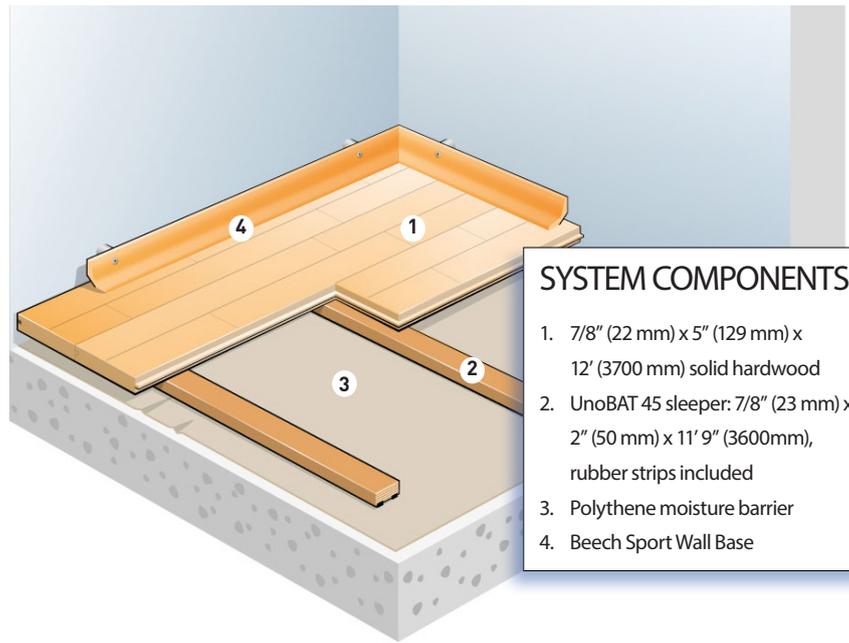


UNOBAT 45

The UnoBat 45 System is a low profile, high performance sleeper based system. It is designed for use over flat subfloors.

The top solid hardwood is fastened to a resilient subfloor system consisting of 12' long, ply-construction sleepers with pre-attached neoprene shock absorbing strips.

The shock absorbing strips are inset into a "U" shaped channel on the underside of the sleeper. This design creates a built-in stop block, ensuring the long-term resilience of the system.



- SYSTEM COMPONENTS**
1. 7/8" (22 mm) x 5" (129 mm) x 12' (3700 mm) solid hardwood
 2. UnoBAT 45 sleeper: 7/8" (23 mm) x 2" (50 mm) x 11' 9" (3600mm), rubber strips included
 3. Polythene moisture barrier
 4. Beech Sport Wall Base

FACTS	
PERFORMANCE	Area-elastic according to EN 14904 class A4
USE	Basketball, Volleyball, Racquetball, Squash & Multi-use facilities
HARDWOOD TYPE	Prefinished 7/8" (22 mm) 2-strip solid hardwood
SYSTEM CONSTRUCTION	Single layer sleeper
SLEEPER SPACING	Either 13 1/4" (336 mm) or 16 3/16" (411 mm)
REQUIRED SUBFLOOR	Flat
TOTAL FLOOR SYSTEM THICKNESS	1 3/4" (45 mm)
JUNCKERS 25 YEARS FATIGUE TEST	Yes
SANDING AND REFINISHING	Yes to bare wood 8-10 times
COMPATIBLE WITH RADIANT HEATING	Yes

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

