



JUNCKERS

DUOBAT 120+

Sleeper system for flat/irregular
subfloors
System thickness 4 3/4" - 9 1/2"

JUNCKERSHARDWOOD.COM



DUOBAT 120+

The DuoBat 120+ System provides the ultimate in high performance and safety, along with virtually unlimited leveling flexibility to accommodate all types of irregular subfloors.

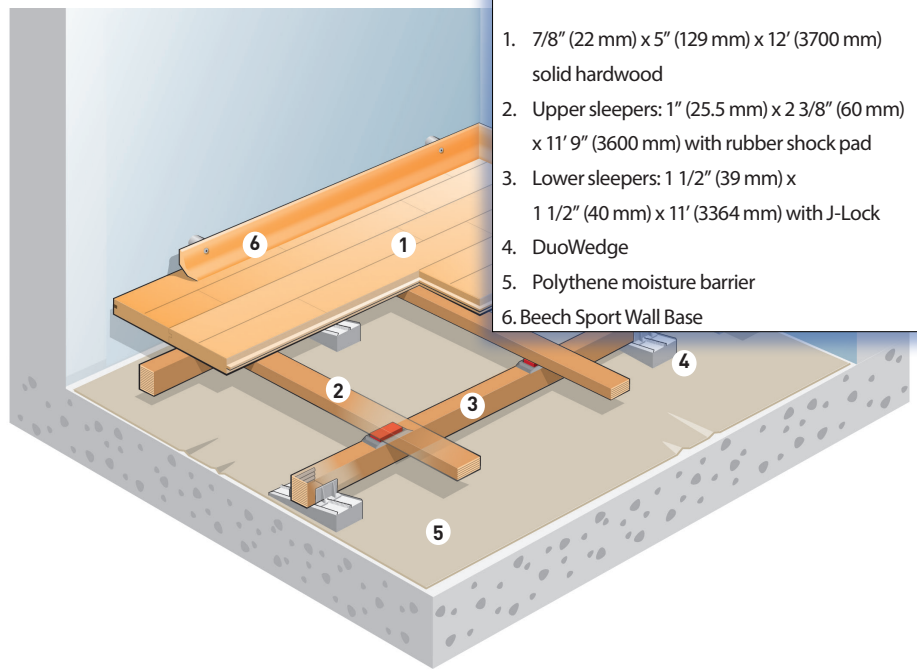
The top solid hardwood is fastened to a resilient subfloor system consisting of 2-layers of cross-laid engineered sleepers. The top sleeper has pre-attached pads that snap-lock into the lower sleeper's J-locks. This ensures a fast, accurate and secure connection between the upper and lower sleepers.

The lower sleeper rests in our patented DuoWedge cradle, making it easy to correct even the most complicated subfloors into flat, ideal playing surfaces.

Support blocks are available in a variety of thicknesses to easily increase the height of the floor system as needed.

SYSTEM COMPONENTS

1. 7/8" (22 mm) x 5" (129 mm) x 12' (3700 mm) solid hardwood
2. Upper sleepers: 1" (25.5 mm) x 2 3/8" (60 mm) x 11' 9" (3600 mm) with rubber shock pad
3. Lower sleepers: 1 1/2" (39 mm) x 1 1/2" (40 mm) x 11' (3364 mm) with J-Lock
4. DuoWedge
5. Polythene moisture barrier
6. Beech Sport Wall Base



FACTS	
PERFORMANCE	Area-elastic according to EN 14904 class A4
USE	Basketball, Volleyball, Gymnasiums & Multi-use facilities
HARDWOOD TYPE	Prefinished 7/8" (22mm) solid hardwood
SYSTEM CONSTRUCTION	Double layer sleeper system
REQUIRED SUBFLOOR	Even or uneven
CONSTRUCTION HEIGHT, PACKINGS & ADDITIONAL BASES INCLUDED	Minimum 4 3/4" (120mm) Maximum 9 5/8" (242mm)
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	Test results
SHOCK ABSORPTION	≥ 55 < 75 %	63 %
VERTICAL DEFORMATION	≥ 2.3 < 5.0 mm	2.3mm
BALL BOUNCE	≥ 90 %	95 %
FRICTION	≥ 80 ≤ 110	~ 85
ROLLING LOAD	≥ 1500 N	✓ 3500 N ¹⁾
POINT LOAD	None	6000 N ~ 600 kgs ²⁾

1. Junckers test with solid rubber wheels: width 50mm, diameter 100mm.
2. Junckers test with 100x100mm point load



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