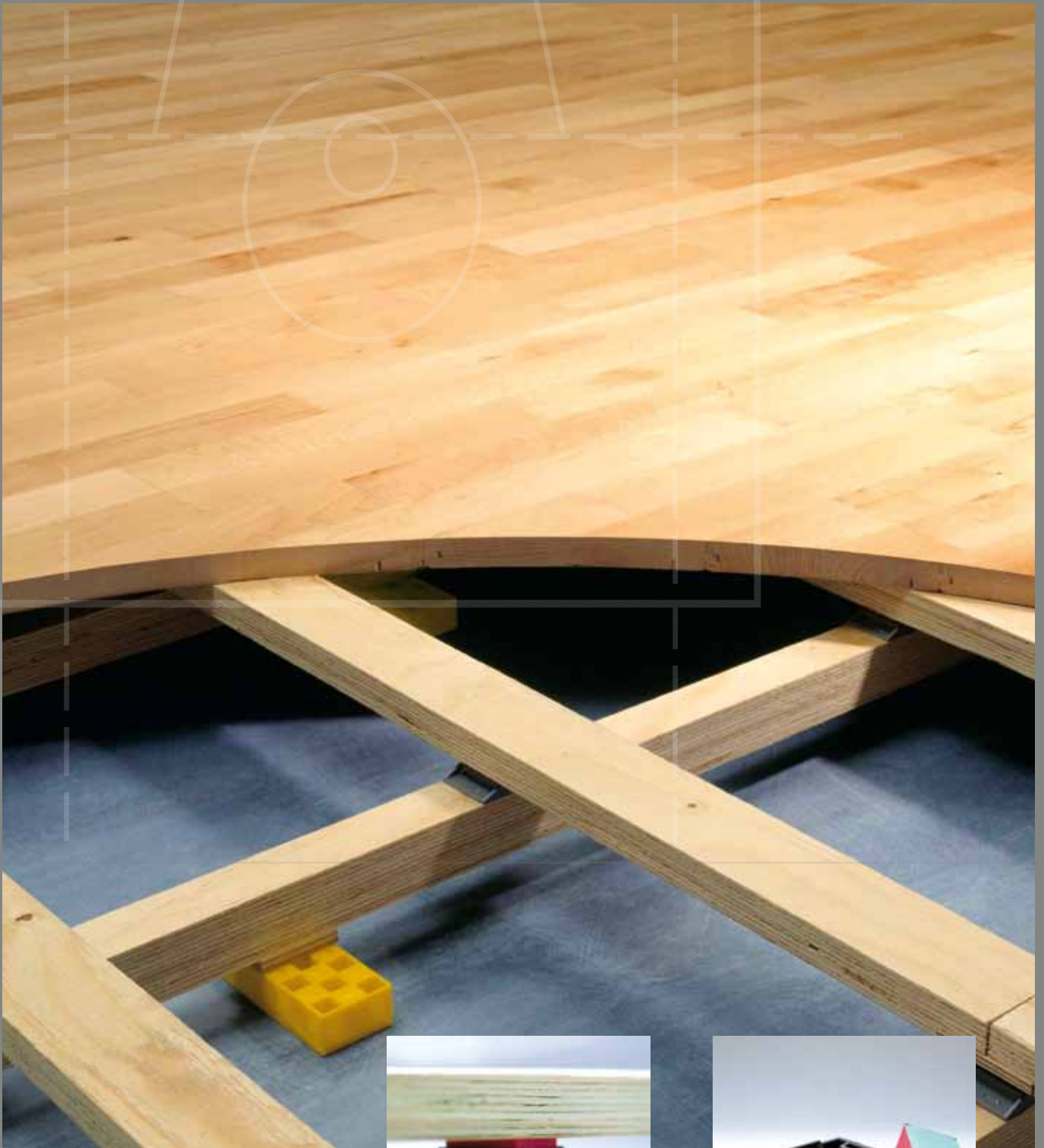


DUO *BAT* 110+



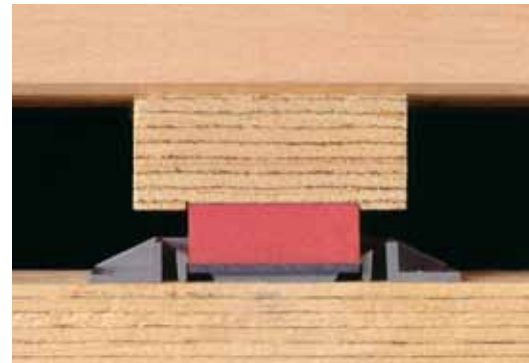
High Performance sports floor system

- DIN and EN certified
- Complies with the ENV Fatigue Tests
- Perfect shock-absorption
- Unique ball-bounce
- Suitable for both high-impact and low-impact activities
- Prefinished solid hardwood boards
- Prefinished, laminated battens for quick, safe toolfree installation
- Installs over even and uneven sub-floors
- Variable construction height from 110 mm upwards
- Easy maintenance

Junckers DuoBAT 110+

The DuoBAT 110+ system is particularly suited for multi-sports halls with rapid moving ball games, aerobics, and gymnastics. The system offers unrivalled shock-absorption, spring effect, and ball-bounce due to the fully sprung double layer batten system. Also, the built-in resilience system limits deformation and maintains the elasticity of the spring elements.

The DuoBAT 110+ has a minimum installation height of 110 mm. The DuoBAT 110+ can be packed and is based on the patented J-Lock concept, which connects battens without the use of tools while requiring only a minimum of packing per m². This caters for a high degree of flexibility when installing the floor and the floor can be installed very quickly, even over an uneven surface. Visit www.junckers.com for information on specification of the Junckers DuoBAT 110+ sports floor.



J-Lock component in unloaded position.

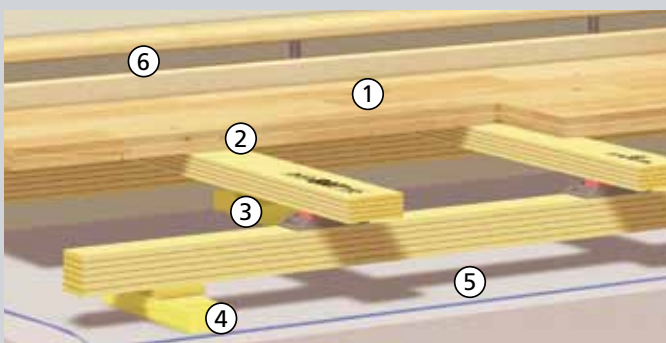


J-Lock component in fully loaded position. Note that J-Locks are never exposed to a load which causes maximum deformation in connection with sports.

	DIN 18032 Part 2	EN 14904 Floortype A4	Test results DuoBAT 110+
Shock absorption	≥ 53 %	≥ 55 < 75 %	64 %
Vertical deformation	≥ 2,3 mm	≥ 2,3 < 5,0 mm	2,6 mm
Ball-bounce	≥ 90 %	≥ 90 %	98 %
Friction	0,4 - 0,6		> 0,4
		≥ 80 ≤ 110	97
Rolling load	≥ 1500 N	≥ 1500 N	> 1500 N ¹⁾
			3500 N ²⁾
Point load 100 x 100 mm			6000 N (~600 kg.)
ENV Fatigue test			Approved

¹⁾ DIN-test with solid rubber wheels, width = 30 mm, diameter = 100 mm.

²⁾ Junckers-test with solid rubber wheels, width = 50 mm, diameter = 100 mm.



System components

Installation height: 110 mm plus necessary packing
May be installed over even and uneven sub-floors

1. 22 x 129 x 3700 mm floorboards
2. 2.2 x 45 mm J-nails (machine nails)
3. DuoBAT 110+ batten system
Upper batten: 25.5 x 60 x 3600 mm
J-Lock shock pad system
Lower batten: 39 x 40 x 3364 mm
4. Packing, 3.8 pcs. per m².
5. 0.20 mm PE-foil (moisture barrier)
6. Ventilated sports skirtings