

- High performance use
- Double batten system
- Can be packed over uneven sub-floors
- Great shock absorption figures – ideal for high quality dance and gymnastic sports
- Conforms fully to BSEN14904 A4
- Easy installation – with the unique J-Lock system
- Ideal for both light and heavy athletes
- Suitable for underfloor heating



J-Lock component in unloaded position.



J-Lock component in loaded position.

System Performance

The Junckers DuoBat 110+ double layer batten system is the fourth of the new Junckers high performance undercarriage systems offering a fully sprung floor to the highest criteria.

Easy to install, it conforms fully to all the requirements of BSEN14904 A4. It has a total construction height of 110mm (plus levelling material) designed for installation over even or uneven sub-floors with fewer packing points than other double battened systems. The J-Lock system ensures fast and secure connection between the upper and lower battens.

The system comprises of a 22mm Junckers press dried Beech board secret nailed to softwood veneered double battens featuring unique shock absorption rubber pads, which in conjunction with the patented J-Lock connection system delivers high performance sports and dance characteristics and enhanced durability. The rubber pads never lose their elasticity. Junckers DuoBat 110+ offers the performance attributes suitable for high level gymnastic, dance, fast moving ball games and aerobics while keeping the risk of injury at an absolute minimum.

RESULTS	System result	Requirements to BSEN14904 Class A4
Shock absorption	65.93%	>55 <75%
Vertical deformation	2.35mm	>2.3 <5.0mm
Ball response	94.25%	>90%

System Components

Minimum construction height, including 22mm thick floorboard - 110mm

Installation on even or uneven sub-floor

1. 22 x 129 x 3700mm floorboards
2. 2.2 x 45mm J-nail (machine nail)
3. DuoBat 110+ batten system Upper batten: 25.5 x 60 x 3600mm J-Lock shock pad system Lower batten: 39 x 40 x 3364mm
4. Packings
5. Polythene vapour check
6. Ventilated skirtings

