**BOK Acoustic Fitness System AS-20**

A cradle and batten substructure, comprising of 45mm leg height Crumb Rubber Cradles, 43mm x 43mm Treated Kiln Dried Softwood Battens, 20mm x 150mm Foam Perimeter Strips and a sandwich construction of 2.40m x 0.60m x 18mm GPTB board + 5mm SBR rubber crumb layer + 2.40m x 0.60m x 18mm GPTB board; Which, when installed on to a suitably compliant sub floor will provide an acoustic performance of 20 Hz Natural Frequency. The system is designed to be used with a number of resilient floor coverings and the cradle and batten spacing is determined by a pre- installation drawing subject to the fitness equipment loadings to be used. The system provides an area elastic surface for the purposes of studio activities and functional training with a peak “g” deceleration of not more than 200g making the floor impact energy absorbing and area elastic in accordance with BSEN 14904 Type A4/C4.

The installation should be carried out in accordance with BS8203-2001, Subfloor to be smooth, hard, clean and dry prior to laying, where applicable the subfloor must incorporate a Damp Proof Membrane.

**Flooring:** Acoustic Cradle & Batten Undercarriage System

**Supplier:** Sport & Fitness Flooring Ltd, Wyastone Business Park, Wyastone Leys, Monmouth. NP25 3SR Tel 01600 887521 Email: info@sportandfitnessflooring.com

**Reference:** BOK Acoustic Fitness System AF-20.

**BS EN 685:** Class N/A.

**Finished Floor Height:** 104mm–143mm

Consult with Sport & Fitness Flooring Ltd for any further requirements and for installation instructions.