

## GYMFLEX®



### PRODUCT OVERVIEW

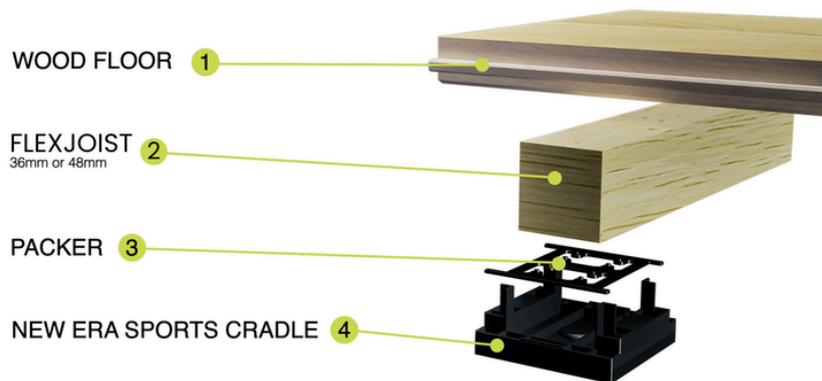
## GYMFLEX ARENA

The Arena sprung wooden floor system is the professional standard for Multi-purpose Sports Halls and Arenas, conforming to an Area Elastic standard of BSEN14904 Part A4. It is a carefully levelled and calibrated using the unique New Era Sports cradle and flexjoist system that prioritizes the health & safety of athletes while providing a high performance surface that enhances play and stands the test of time.

<b>Floor Types</b>	Solid 129 x 22 x 1830mm Layers 215 x 21 x 2200mm
<b>Wood Species</b>	Beech or Oak
<b>Usage</b>	Sports Halls/Arenas
<b>Cradles</b>	New Era Sports*
<b>Flexjoists</b>	36mm or 48mm Flexjoists**
<b>Floor Heights</b>	74-367mm
<b>Flexjoist Centres</b>	411mm (Solid) or 440mm (Layered)
<b>Cradle Centres (Along Flexjoist)</b>	450mm (36mm Flexjoist) 600mm (48mm Flexjoist)
<b>Acoustic Reduction</b>	25db
<b>Loading</b>	500kg per m2 Static Load & 350kg point load
<b>Standard</b>	Area Elastic BSEN14904 Part A4

## KEY FEATURES AND BENEFITS

- ✓ Premium area-elastic sports floor –built with unique flexjoists for high performance
- ✓ Adjustable height (74–367 mm) – uses New Era cradles to overcome uneven sub-floors
- ✓ Complies with EN14904 A4 standard – ensuring safety and professional sports performance
- ✓ Customizable load-bearing – supports bleacher seating and additional project-specific needs



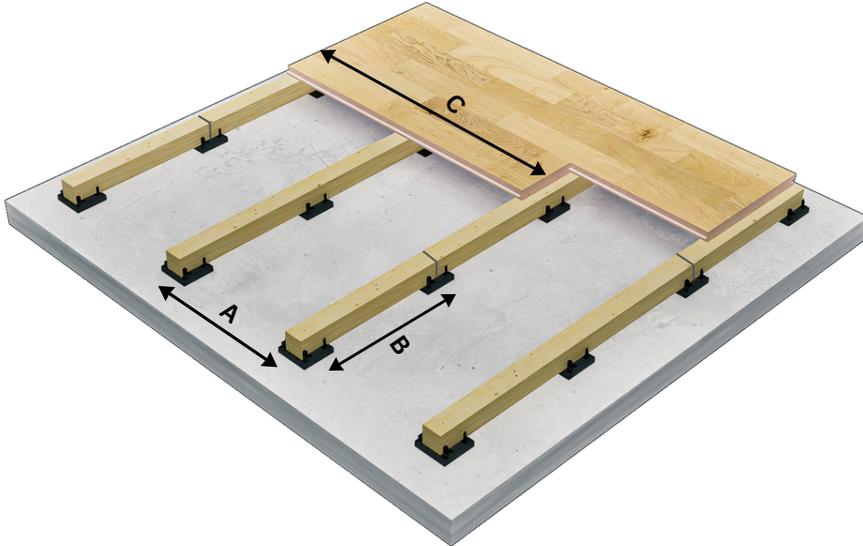
**\*Cradle Calculations:**

- Layers = 5.6 per m2 (36mm Flexjoist) 4.2 per m2 (48mm Flexjoist)
- Solid = 6.6 per m2 (36mm batten) 5.0 per m2 (48mm Flexjoist)

**\*\*Flexjoist Calculations: 1.5 per m2**



# GYMFLEX ARENA



GYMFLEX ARENA  
FLEXJOIST & CRADLE  
LAYOUT

**Solid Flooring**  
Flexjoist Size

		A	B		C	D		E
36mm	Layout >	Flexjoists 411mm	Cradles 450mm	Flexjoist Stagger >	Flexjoists 900mm	Flexjoists 1800mm	Floor Stagger >	Floor 822mm
48mm		Flexjoists 411mm	Cradles 600mm		Flexjoists 1200mm	Flexjoists 1800mm		Floor 822mm

**Layered Flooring**

36mm	Layout >	Flexjoists 440mm	Cradles 450mm	Flexjoist Stagger >	Flexjoists 900mm	Flexjoists 1800mm	Floor Stagger >	Floor 440mm
48mm		Flexjoists 440mm	Cradles 600mm		Flexjoists 1200m	Flexjoists 1800mm		Floor 440mm

GYMFLEX ARENA SOLID FLOOR FINISH OPTIONS



NATURAL



FUMED



MIST



FUMED MIST

GYMFLEX ARENA LAYERED FLOOR FINISH OPTIONS



OAK



BEECH