

TECHNICAL DATA SHEET



GYMFLEX®



PRODUCT OVERVIEW

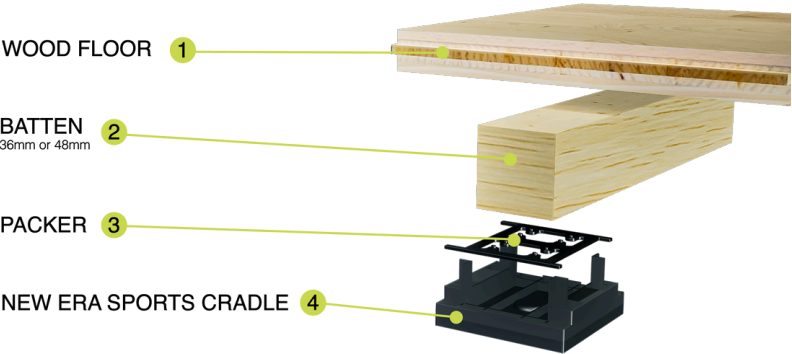
GYM FLEX ACTIVE

The Active sprung Wooden floor finish is a multi-use system for smaller gyms and Studios, conforming to Area Elastic standard of BSEN14904 Part A3. It is carefully levelled and calibrated using the unique New Era Sports cradle and flexjoist system that prioritises the health & safety of athletes while providing a high-performance surface that enhances play and stands the test of time.

Floor Types	Solid 129 x 22 x 1830mm Layers 215 x 21 x 2200mm
Wood Species	Beech or Oak
Usage	Studios & Activity spaces
Cradles	New Era Sports*
Flexjoists	36 or 48mm flexjoists**
Floor Heights	74-367mm
Flexjoist Centres	366mm
Cradle Centres (Along Flexjoist)	450mm (36mm Flexjoist), 600mm (48mm Flexjoist)
Acoustic Reduction	25db
Loading	500kg per m2 Static Load & 350kg point load
Standard	Area Elastic BSEN14904 Part A3

KEY FEATURES AND BENEFITS

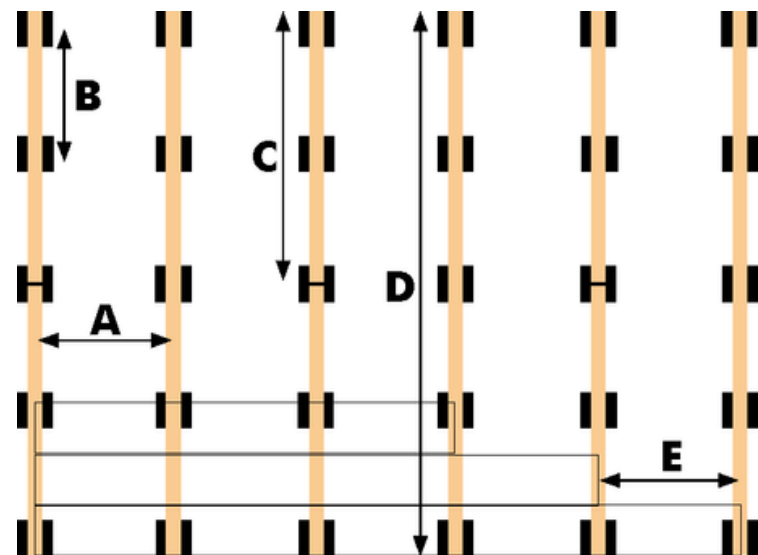
- ✓ Adjustable height (74–367mm) with New Era cradles
- ✓ Supports high surface loads and impacts
- ✓ Ideal for gyms up to 600m², including upper level
- ✓ Maintains sprung floor and acoustic performance
- ✓ Optional rubber tiles protect flooring in weight areas



*Cradle Calculations: 6.5 per m2 (36mm Flexjoist) 5.0 per m2 (48mm Flexjoist)
 **Flexjoist Calculations: 1.7 per m2



GYMFLEX ACTIVE



GYMFLEX ACTIVE FLEXJOIST & CRADLE LAYOUT

Solid Flooring

Flexjoist Size		A	B		C	D		E
36mm	Layout	Flexjoists 366mm	Cradles 450mm	Flexjoist Stagger	Flexjoists 900mm	Flexjoists 1800mm	Floor Stagger	Floor 366mm
48mm	>	Flexjoists 366mm	Cradles 600mm	>	Flexjoists 1200mm	Flexjoists 1800mm	>	Floor 366mm

Layered Flooring

36mm	Layout	Flexjoists 366mm	Cradles 450mm	Flexjoist Stagger	Flexjoists 900mm	Flexjoists 1800mm	Floor Stagger	Floor 366mm
48mm	>	Flexjoists 366mm	Cradles 600mm	>	Flexjoists 1200mm	Flexjoists 1800mm	>	Floor 366mm

The Gymflex Active pre-finished floor is available in a range of different colour options to help with the expression and creativity, which will enhance any Multi-use space with a great contemporary decor, whilst delivering the performance required

GYMFLEX ACTIVE SOLID FLOOR FINISH OPTIONS



GYMFLEX ACTIVE LAYERED FLOOR FINISH OPTIONS

