

TECHNICAL DATA SHEET

GYMFLEX®



PRODUCT OVERVIEW

GYMFLEX PLAY

Gymflex play is a unique Vinyl sports floor with excellent surface resilience, offering either Area Elastic or Combined Elastic properties, and conforms to the highest standard, BSEN14904 Part A4 or C4. The floor is carefully levelled and calibrated using the unique New Era Sports cradle and flexjoist system with T&G Plywood, ensuring the highest standards are met. The Combined Elastic system is installed as 98% adhesive-free, therefore eco-friendly, and can easily have the surface replaced without affecting the New Era Area Elastic Substrate.

Floor Finish	Vinyl
Structural Layer	1x Layer 18mm T&G Plywood
Usage	Studios, Sports Arenas, Dance Studios & Activity spaces
Cradles	New Era Sports*
Flexjoists	36 or 48mm flexjoists**
Floor Heights	72-324mm***
Flexjoist Centres	300mm
Cradle Centres (Along Flexjoist)	450mm (36mm Flexjoist), 600mm (48mm Flexjoist)
Acoustic Reduction	25db
Loading	500kg per m ² Static Load & 350kg point load
Standard	Area or Combined Elastic BSEN14904 Part A4 or C4

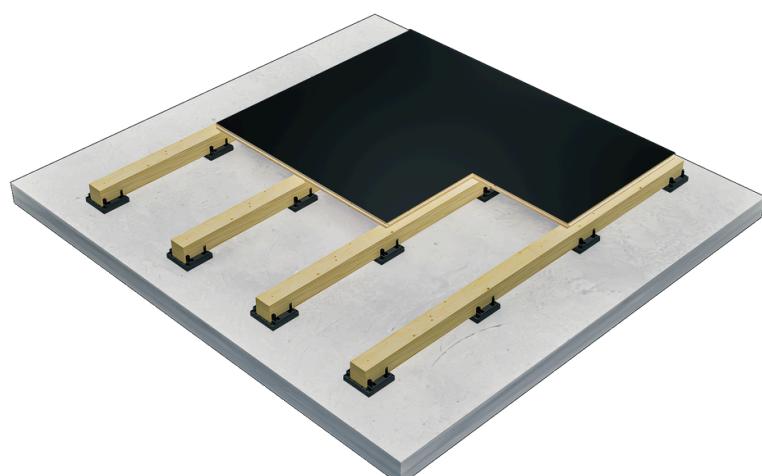
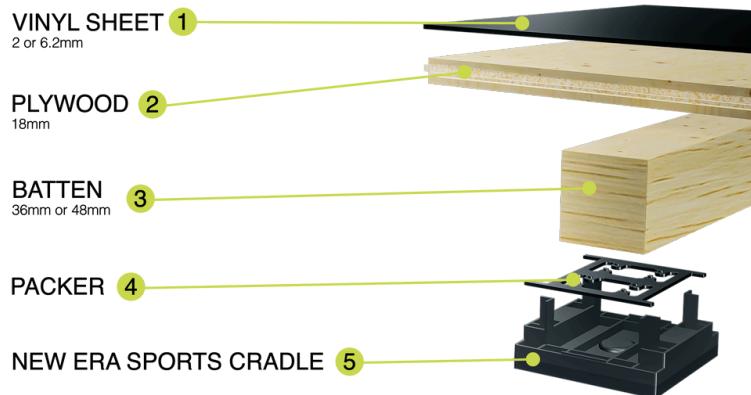
*Cradle Calculations: 6.5 per m² (36mm Flexjoist) 5.0 per m² (48mm Flexjoist)

**Flexjoist Calculations: 1.7 per m²

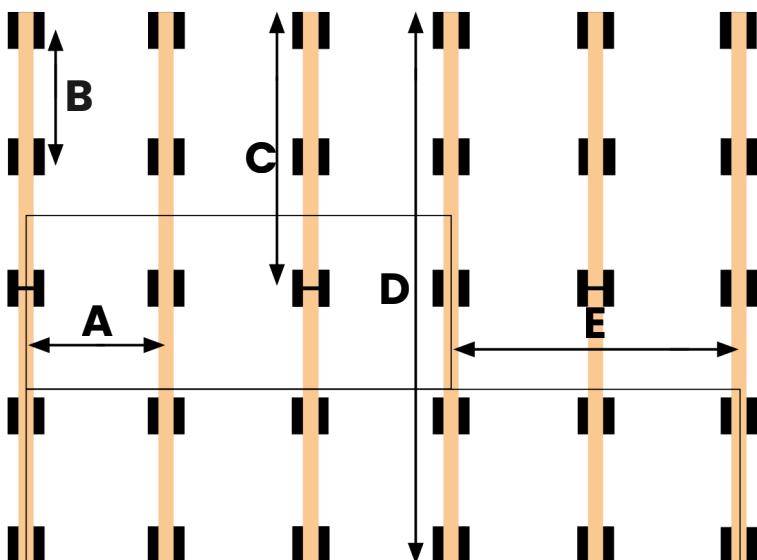
***2mm from 72-320mm (Area Elastic), 6mm from 76-324mm (Combined Elastic)

KEY FEATURES AND BENEFITS

- ✓ Premium Area or Combined Elastic sports floor – built with unique flexjoists for high performance
- ✓ Adjustable height (72–364 mm) – uses New Era cradles to overcome uneven sub-floors
- ✓ Complies with EN14904 A4 or C4 standard – ensuring safety and professional sports performance
- ✓ Customisable load-bearing – supports bleacher seating and additional project-specific needs



GYMFLEX PLAY



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FLEXJOIST & CRADLE
LAYOUT

LVT Flooring

Flexjoist Size	A	B	C	D	E
36mm	Flexjoists 300mm	Cradles 450mm	Flexjoist Stagger =>	Flexjoists 900mm	Flexjoists 1800mm
48mm	Flexjoists 300mm	Cradles 600mm		Flexjoists 1200mm	Floor 1200mm

The Gymflex Play 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 PLAY FLOOR FINISH OPTIONS

