



PRODUCT OVERVIEW

GYMFLEX POWERLIFT

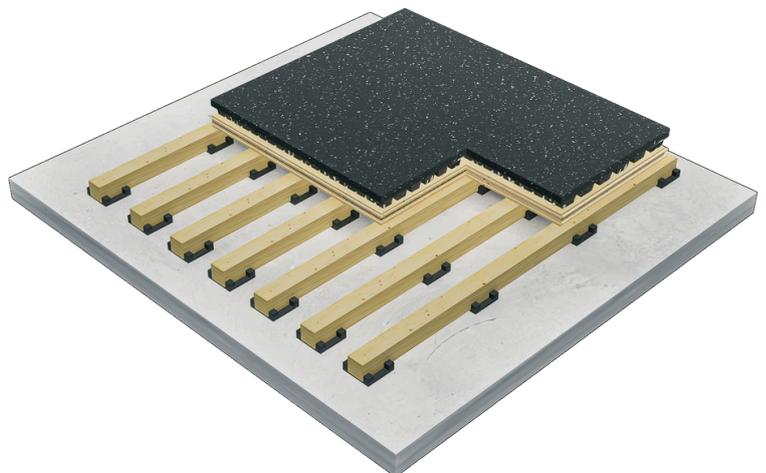
Our Powerlift floor is a unique and specially designed High Density, Impact Absorbing system that meets the rigorous demands of explosive, high impact deadlifts using Olympic weightlifting bars. The system provides a unique combination of outstanding shock absorption, stability & noise reduction.

This system is built using our Rubberflex shock absorbing cradles with extra strength layers to enhance the performance and enable the resistance of these extreme weights, whilst acoustically isolating the space.

Floor Finish	Recycled Rubber tile 40mm
Colour	Black/15% Grey Fleck
Structural Layer	2 x layers 18mm T&G Plywood with 1 layer 5mm Acoustic Underlay
Usage	Powerlift/Olympic Weights
Cradles	New Era Rubberflex*
Flexjoists	36, 48, 63mm Flexjoists**
Floor Heights	127-174mm
Flexjoist Centres	150mm
Cradle Centres (Along Flexjoist)	300mm
Acoustic Reduction	29db (Minimum)
Loading	850kg per m2 Static Load & 500kg point load
Impact Load	175kg from Deadlift

KEY FEATURES AND BENEFITS

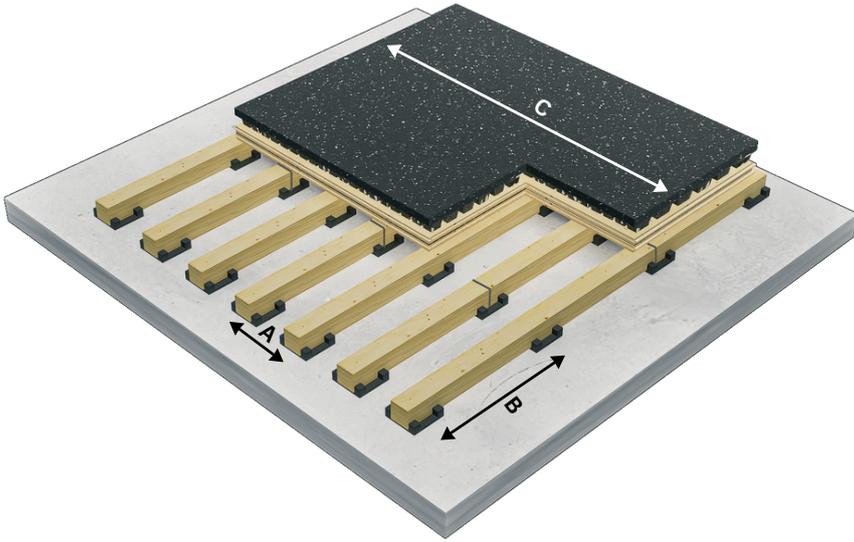
- ✓ Recycled Interlocking Rubber Tile 40mm
- ✓ Adjustable heights 127-174mm
- ✓ Acoustic Isolation
- ✓ Ideal for Olympic weight, Dead lifts & High Impact use
- ✓ Excellent shock absorption
- ✓ Impact up to 175kg (height of 1.5m)



*Cradle Calculations: 17.0 per m2 (36mm,48mm,63mm Flexjoist)

**Flexjoist Calculations: 4.0 per m2 (36mm,48mm Flexjoist) 3.4 per m2 (63mm Flexjoist)

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FLEXJOIST & CRADLE
LAYOUT

Flexjoist Size		A	B		C	D		E
36mm	Layout	Flexjoists 150mm	Cradles 300mm	Flexjoist Stagger	Flexjoists 900mm	Flexjoists 1800mm	Floor Stagger	Floor 1200mm
48mm	>	Flexjoists 150mm	Cradles 300mm		>	Flexjoists 1200mm		Flexjoists 1800mm

