

TECHNICAL DATA SHEET

GYMFLEX



PRODUCT OVERVIEW

GYMFLEX POWERLIFT

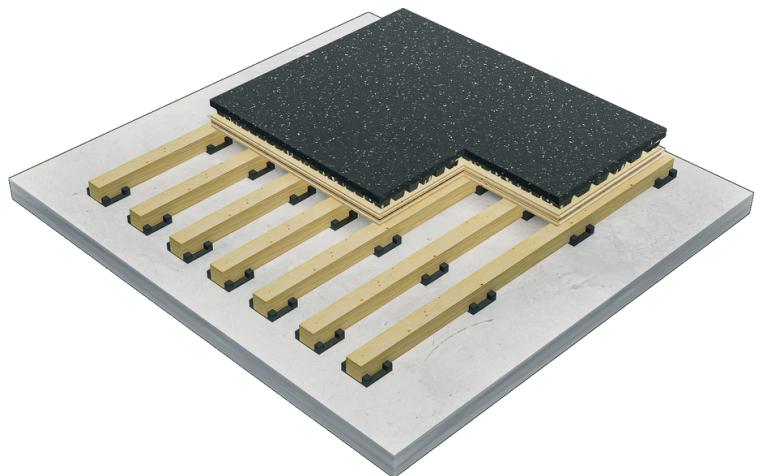
Our Powerlift floor has been a unique and specially designed High Density, Impact Absorbing system to meet the rigorous demands of explosive, high impact deadlifts using Olympic weightlifting bars and provides a unique combination of Outstanding shock absorption, stability & noise reduction.

This system is built using our Rubberflex shock absorbing cradle 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 m ² Static Load & 500kg point load
Impact Load	175kg from Deadlift

KEY FEATURES AND BENEFITS

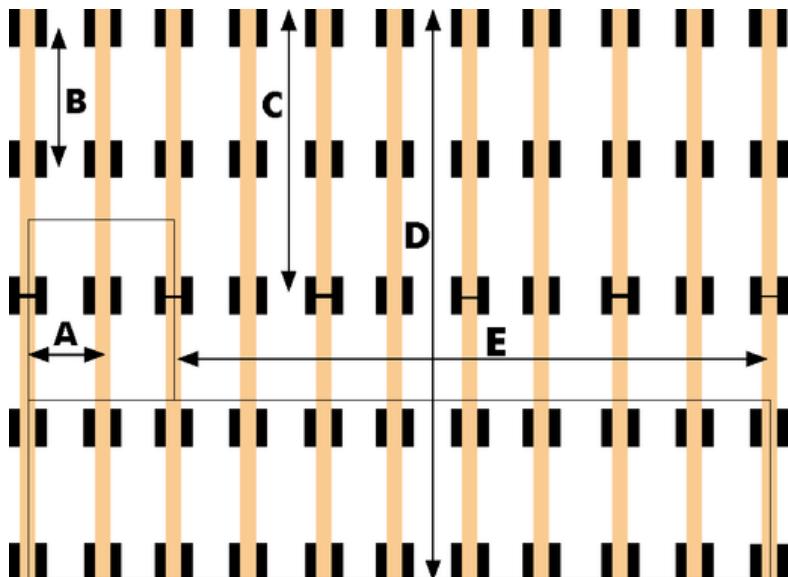
- ✓ Recycled Interlocking Rubber Tile 40mm
- ✓ Adjustable heights 127-174mm
- ✓ Acoustic Isolation
- ✓ Ideal for Olympic weight, Dead lifts & High Impact use
- ✓ Excellent shock absorption
- ✓ Impact up to 175kg (height of 1.5m)



*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)

GYMFLEX POWERLIFT



GYMFLEX POWERLIFT
FLEXJOIST & CRADLE
LAYOUT

Flexjoint Size	A	B	C	D	E
36mm	Layout =>	Flexjoists 150mm Flexjoists 150mm	Cradles 300mm Cradles 300mm		
48mm				Flexjoists 900mm Flexjoists 1200mm	Flexjoists 1800mm Flexjoists 1800mm

