ISOFLEX

Acoustic gym flooring solutions



DYNAMIK

The Gym Flooring Collaboration

InstaGroup

The Gym Flooring Collaboration

InstaGroup are leaders in the development of acoustic flooring solutions. 30 years of technical expertise in acoustic design has made InstaGroup a partner of choice throughout the construction industry.

InstaGroup and DYNAMIK: the complete gym floor solution

Using DYNAMIK's in-depth knowledge of the sports industry, we designed and tested the new range of ISO-Flex gym flooring systems for maximum performance. The results prove our unique systems can meet the toughest gym challenges.

We offer on-site testing and bespoke design, tailoring a solution to fit your flexible fitness zone.

High performance acoustic systems combining durable, decorative floor designs

ISO-Flex acoustic gym flooring systems are durable and flexible solving the varying demands for your flexible fitness zone.

Along with acoustic flooring solutions, **ISO-Flex** includes a versatile range of attractive floor finishes suitable for gyms, studios and cardio fitness areas.



Answering the needs of architects and acousticians

Continuously researching and testing to improve product performance while answering today's need for sustainable flooring solutions.
Our gym flooring systems are tested in real world environments and manufactured using recycled materials.

We can also incorporate InstaGroup's tried and tested acoustic ceiling and wall systems reducing the transmission of airborne sound within new build or refurbishment projects.



Please contact us for further details
on ISO-Flex acoustic data - **info@dynamiksport.co.uk**

ISO-Flex: Isolating the impact

Gyms and fitness facilities are now frequently being constructed in the same buildings as commercial businesses and residential properties. This increases the need for specialist acoustic solutions.

The intelligent design controls the transmission of sound and vibration from floor impacts, and effectively isolates and absorbs the impact from dropped free weights. This reduces the sound energy released into the surrounding building structure.

Improved sound insulation, benefits the lives and wellbeing of communities who share the building space.

Intelligent design effectively isolates and absorbs the impact from dropped free weights.



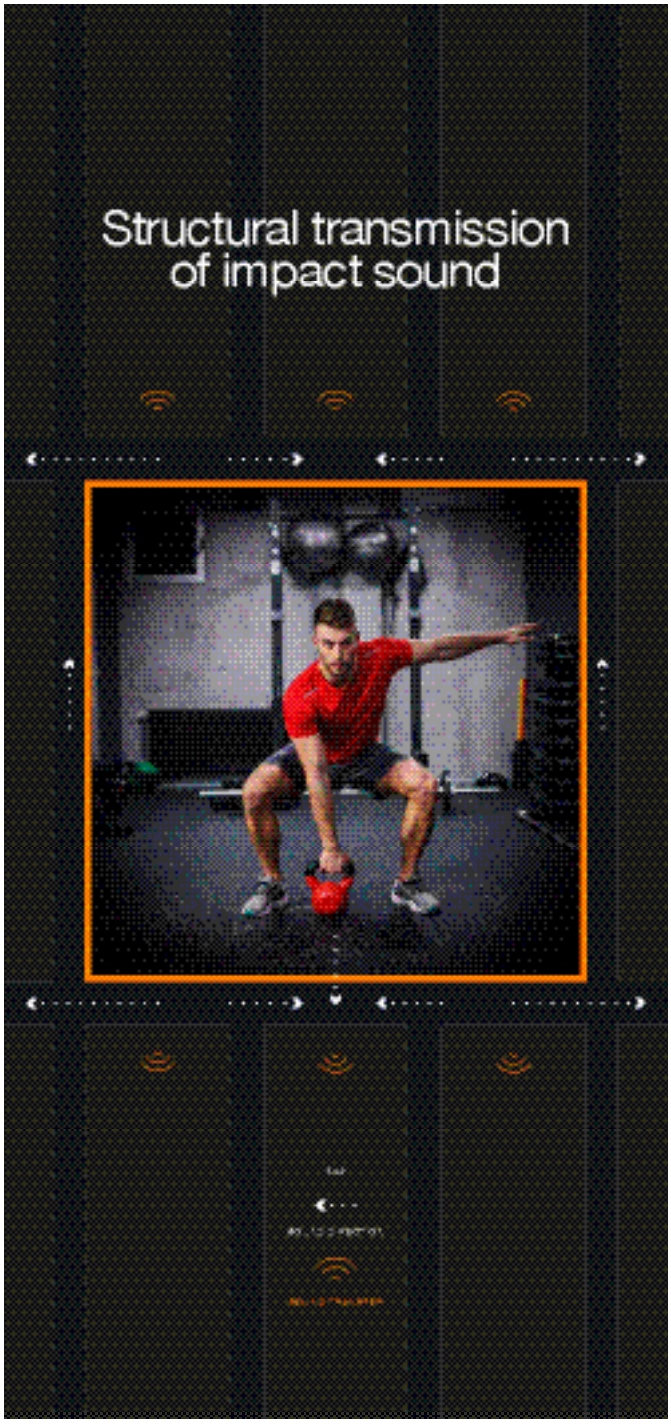
ISO-Flex tested for the real world

Following latest industry design guidance, InstaGroup and DYNAMIK adopted the recommendations and developed the new **ISO-Flex** flooring systems tested to perform in real world environments.

The results of our tests provide consultants and architects true ‘real world’ data, and fully demonstrate the performance of **ISO-Flex** and its ability to isolate impact sound energy.

We are able to share lab test data on request, or can conduct field testing in an existing structure to illustrate the effectiveness of our flooring systems.

Tested to give consultants and architects true ‘real world’ data.



Quality that’s sustainable

Recycled and sustainable materials are central to the InstaGroup and DYNAMIK ethos.

ISO-Flex rubber cradles are manufactured from recycled material. The composite system combines timber components from sustainable and fully traceable sources.

ISO-Flex pack & level systems have a lower embodied carbon level compared to a wet poured concrete base.

We use solar energy to power the manufacturing process, further reducing our carbon footprint.

Our products hold Global Green Tag Certification providing independent assessment and verification for both their green credentials and compliance against modern slavery practices.

Sustainable systems, ethical production

InstaGroup is certified ISO9001 for quality management and ISO 14001 for environmental management.

Green Tag Certification that serves you Globally

Certified.

Verified.

Trusted.

The future of flooring is adhesive-free

Building on our commitment to sustainability by developing flooring that isn't just made from recycled materials: it's re-usable and recyclable itself.

Re-usable floor coverings

One of our latest innovations within the **ISO-Flex** flooring range is adhesive-free finishes. Using dual bond magnetic technology, high performing flooring can be installed adhesive free. With no glue contamination, the floor can be taken up easily if required and re-used, instead of being recycled or sent to landfill.

Creating better flooring for our world

Adhesive-free gym flooring meets the growing need in the construction industry to minimise waste and re-use materials to become part of the Circular Economy.



Using our patented magnetic technology, flooring can be easily lifted and re-used.

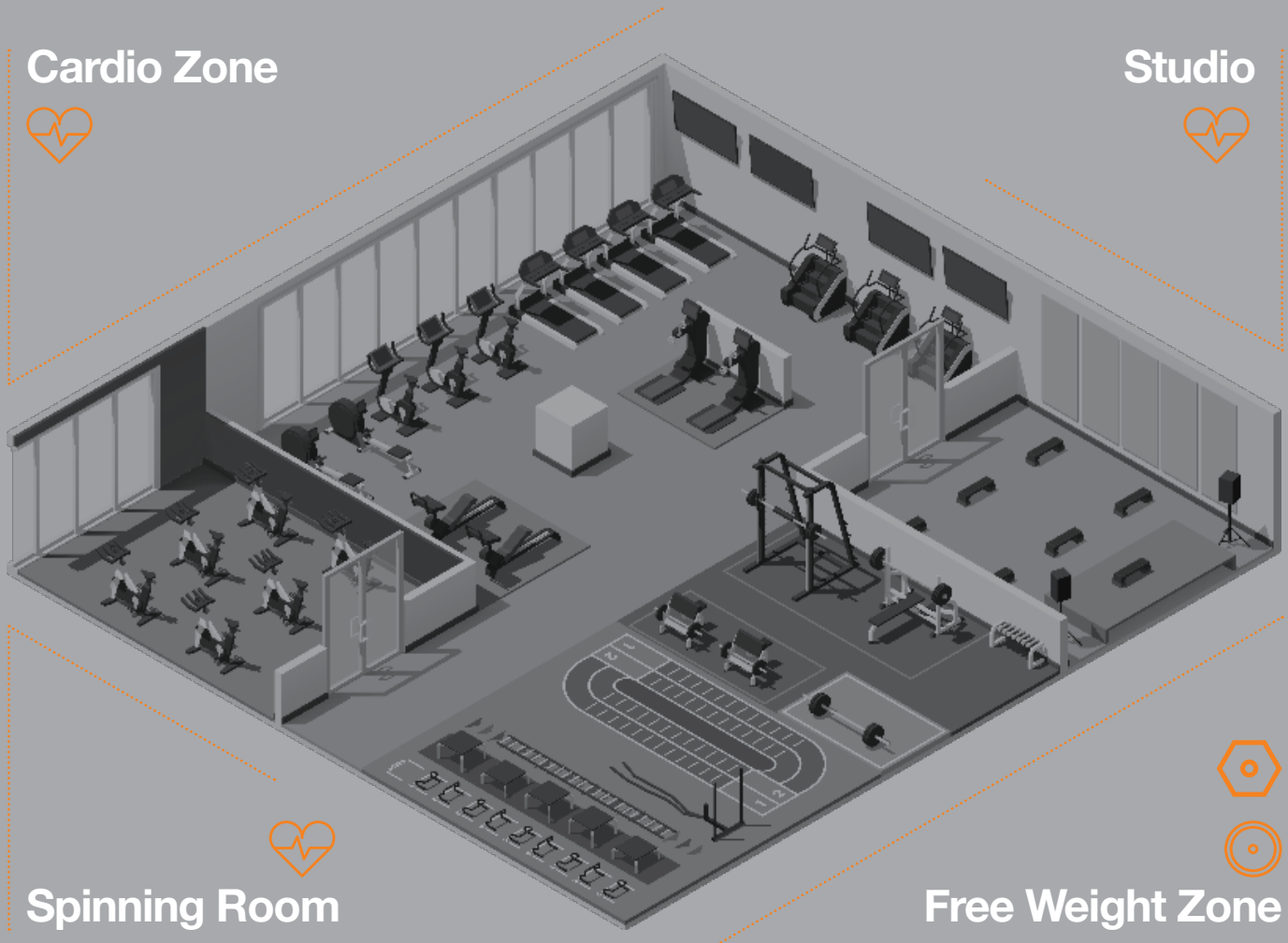


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The **ISO-Flex** Cardio range offers systems for low impact areas, incorporating a range of versatile and attractive adhesive-free floor coverings.

ISO-Flex Impact and Olympic ranges are specialist high impact acoustic floor systems, specifically designed to isolate the impact sound of free weights usage.



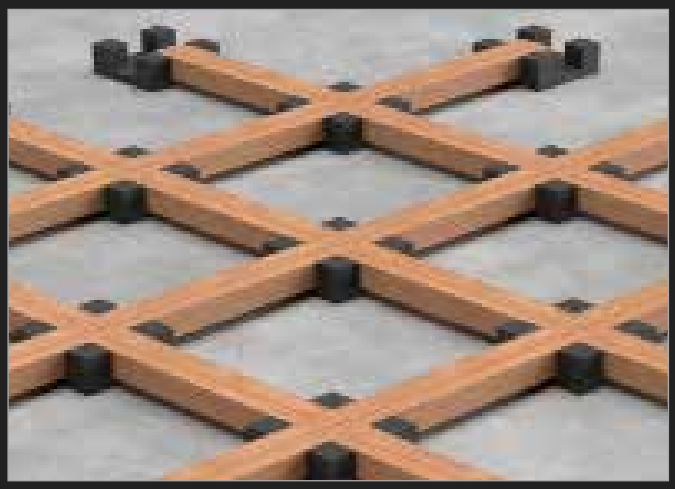
System Selector

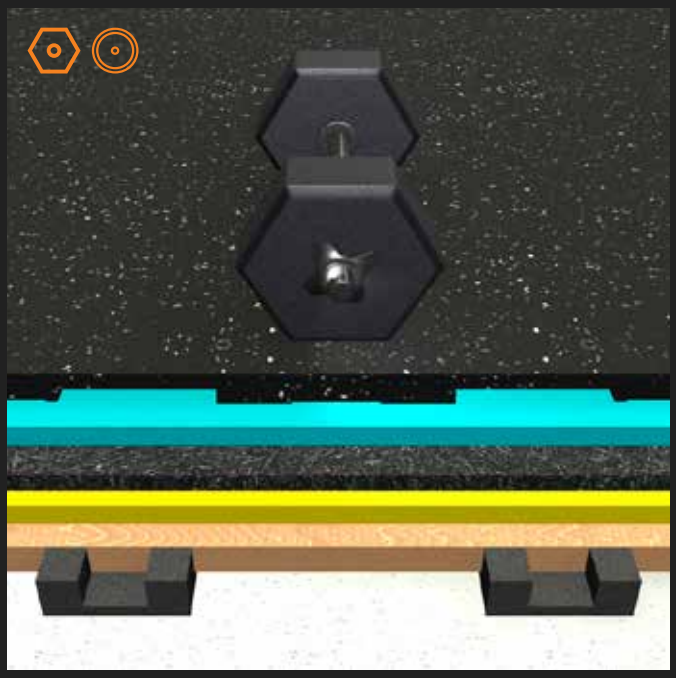
System	Gym Zone	Acoustic Performance LIA,FMAX / ΔLw	Load Capacity	Free Weight Recomendation
Free Weights				
IsoFlex Impact 116		74dB	▯▯	40kg Max
IsoFlex Impact 146		68dB	▯▯▯	80kg Max
IsoFlex Impact 156		68dB	▯▯▯▯	100kg Max
IsoFlex Impact 174		69dB	▯▯▯▯▯	120kg Max
IsoFlex Impact 186		66dB	▯▯▯▯	100kg Max
IsoFlex Impact 204		61dB	▯▯▯▯▯	120kg Max
Olympic Weights				
IsoFlex Olympic 116		74dB	▯▯▯	60kg Max*
IsoFlex Olympic 146		68dB	▯▯▯▯	100kg Max*
IsoFlex Olympic 156		68dB	▯▯▯▯▯	120kg Max*
IsoFlex Olympic 174		69dB	▯▯▯▯▯▯	150kg Max*
IsoFlex Olympic 186		66dB	▯▯▯▯▯	120kg Max*
IsoFlex Olympic 204		61dB	▯▯▯▯▯▯	150kg Max*
Cardio/Studio/Spin				
IsoFlex Cardio 92		28dB ΔLw	▯▯	N/A
IsoFlex Cardio 96		28dB ΔLw	▯▯	20kg Max

* Denotes max weight loaded on each end of Olympic bars

Specialised ISO Impact and ISO Olympic acoustic flooring isolates the impact of free weights

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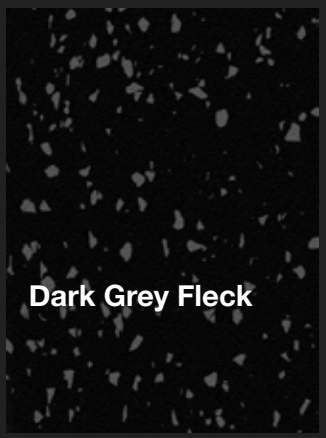


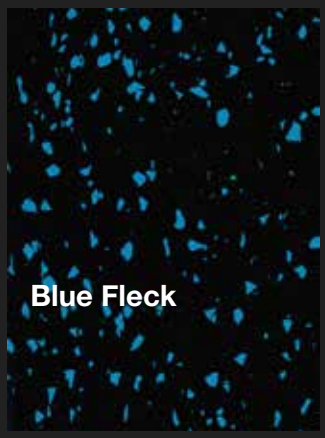
ISOFLEX Olympic

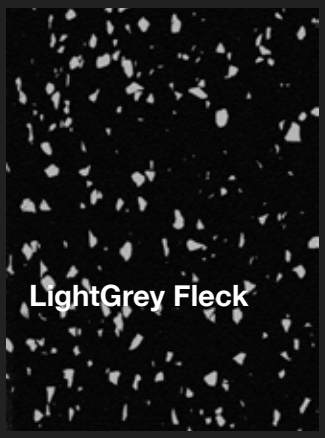
Each ISO-Flex Impact system can be upgraded to Olympic by increasing the beam support formation as shown in the image above.

Gym tile colour options









High performing flooring that looks good

ISOFLEX
Cardio





Cardio zones require floor systems to isolate the accumulative low frequency vibration created by multiple treadmill and spinning bike activities. The **ISO-Flex** Cardio systems isolate this vibration, preventing low frequency sound transmitting through the structure.

MagnaFloor floor finishes









Additional woodgrain floor finish options are available on request.

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