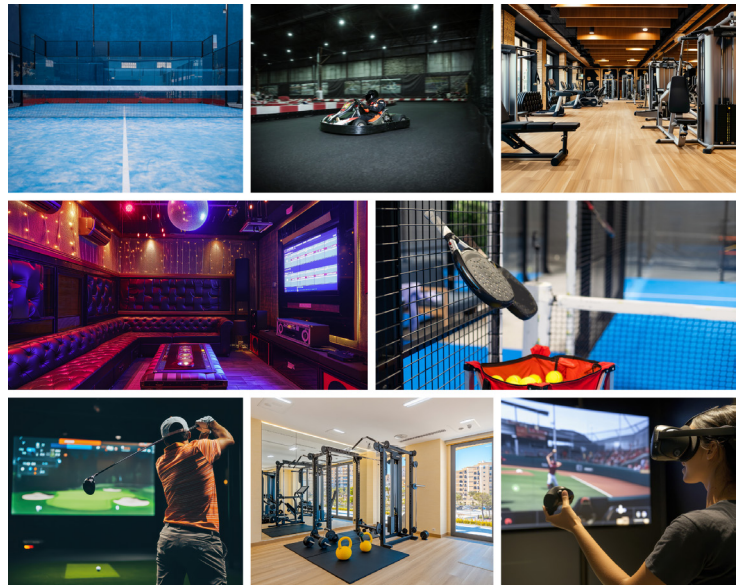


## LeisureFLOOR MAX

LeisureFLOOR is a revolutionary new acoustic floating floor system from Farrat designed for the rapidly evolving needs of the leisure industry as it develops new concepts and tries to fit them into tight spaces in new and existing buildings.

Common applications include  
(but are not limited to):

- ▶ Interactive Football and Golf
- ▶ eKarting
- ▶ Batting Cages
- ▶ Karaoke Booths
- ▶ Augmented Games Playgrounds
- ▶ Padel Courts
- ▶ Hotel and Residential Gyms



## Features:

- ▶  $f_n$  @Operating Load: **10 Hz**
- ▶  $f_n$  @Dead Load: **13 Hz**
- ▶ Height: **215 mm**
- ▶ Weight: **3.7 kN/m²**
- ▶ Air Gap: **50 mm**
- ▶ Floor Finish: **Concrete**
- ▶ Live Load: **7.5 kN/m²**
- ▶ Point Load: **5 kN**  
(minimum 1000 mm centres)  
(Load capacities subject to slab design)
- ▶ Warranty: **Up to 15 years**

LeisureFLOOR **MAX** floating slabs can be designed with fully fibre reinforced concrete to allow fixings into the slab without the risk of hitting rebar.

Self-compacting concrete can also be used to ensure high flatness tolerance is achieved to allow floor finishes to be laid directly on top of it.

Contact Farrat for further advice and information regarding floating slab design.

## Performance:

Rw: 76 dB  $\Delta$ Lw: 36 dB

Frequency (Hz)	63	125	250	500	1K	2K	4K
R (dB)	56	57	58	77	80	82	83

Fire Resistance Duration: 90 mins

Test/Assessment Standards:

Acoustic (Airborne): ISO 10140-1,2,4:2020  
ISO 717-1:2013

Acoustic (Impact): ISO 10140-1,3:2010  
Based on 140 mm structural slab, no ceiling ISO 717-2:2013

Fire: EN 1994-1-2:2010

Based on 160 mm MD05-V3 Composite Deck in a multi span configuration

## Standards:



Our acoustic isolators provide complete flexibility in terms of dynamic stiffness and damping. Where necessary we can design bespoke configurations to match your precise needs.

## LeisureFLOOR MAX

The Farrat LeisureFLOOR range was developed following the successful delivery of our CineFLOOR range in more than 200 cinemas all around the world. Our emphasis is on buildability and cost-effectiveness while maintaining the highest standards of performance, delivery, longevity and reliability.



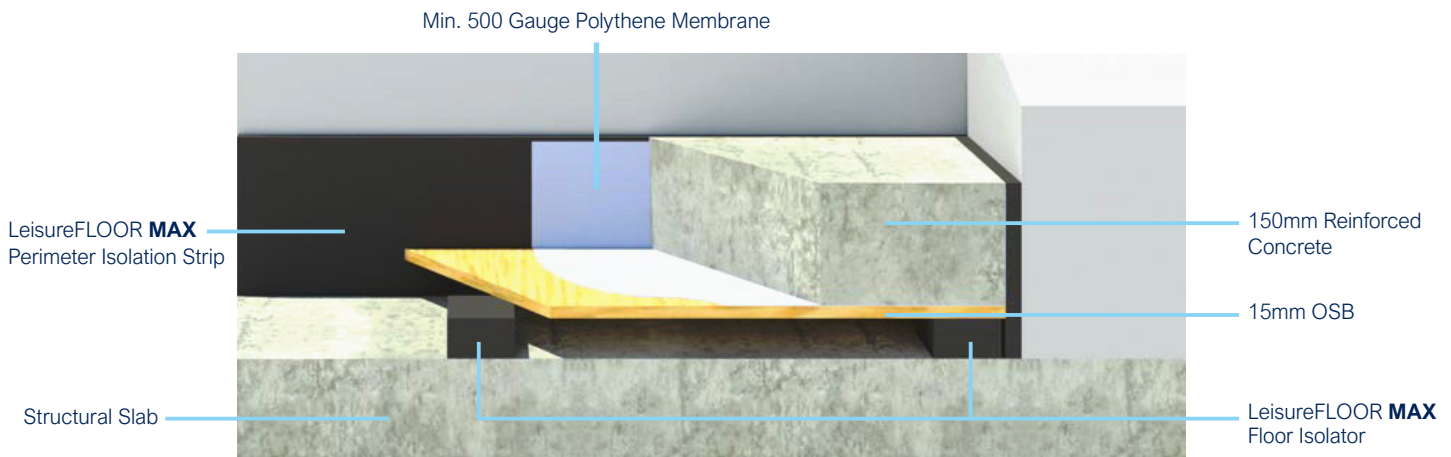
10 Hz Natural Frequency



90 mins Fire Resistance



Up to 15 years warranty



Technical specifications are available on RIBA NBS plus for rapid import.



Our LeisureFLOOR **MAX** products are available for dispatch with 24 hours. We hold stock and regularly export worldwide from the UK. Our products are also stocked in **Germany, The Netherlands** and the **UAE**.



Our team of engineers are always on hand to offer advice relating to specification, detailing and installation. We can deliver this remotely or on-site, **anywhere in the world**.



All of our LeisureFLOOR systems are designed with ease of installation, durability and follow on trades in mind. **No operational maintenance is required.**



Our isolators are manufactured in the UK under and accredited ISO 9001:2015 quality management system. Our **performance test data** is all supplied from UKAS and IPAC accredited laboratories.



We are an active supplier to the global leisure market including Film, TV & Recording studios, Theatres, Event & Concert Halls, Cinema, Bowling and many more.

### LeisureFLOOR **MAX** Floor Isolators

**Product Code:** 2LF-M-01

**Measure:** Isolators at 600 mm cross centres  
Allow 3.4 isolators per m<sup>2</sup> (floor area) + 0.2 isolators per m<sup>2</sup> for non-rectangular shapes

### LeisureFLOOR **MAX** Perimeter Isolation Strips

**Product Code:** 2LF-M-02

**Measure:** Strips are 2000 mm long  
Allow 0.5 strips per meter (perimeter, including penetrations) + 10% off-cuts etc

Example Layout:

