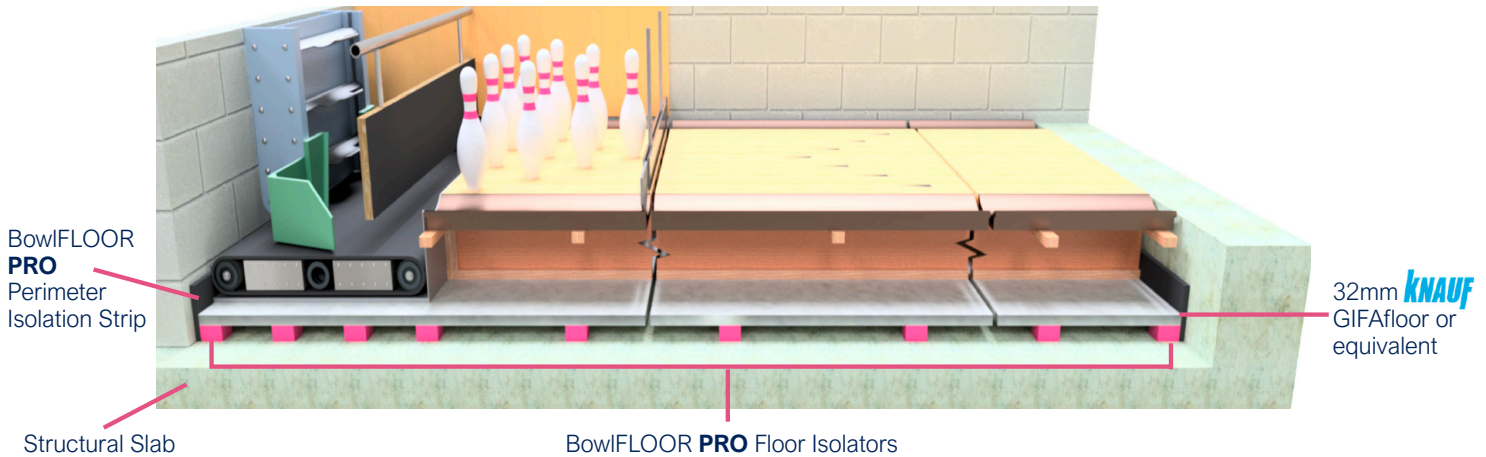


## /// BowIFLOOR PRO

BowIFLOOR **PRO** is designed to deliver the greatest balance of acoustic isolation, performance and cost. An intermediate layer between the bowling lane and the isolator boosts acoustic isolation performance by providing additional mass damping and reducing dynamic stiffness. Comprising of dry-trades only, BowIFLOOR **PRO** is also designed to deliver optimal installation speed.



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

### Features:

- ▶  $f_n$  @Operating Load: **9Hz**
- ▶  $f_n$  @Dead Load: **17Hz**
- ▶ Height: **82mm**
- ▶ Weight: **0.5 kN/m<sup>2</sup>**
- ▶ Air Gap: **50mm**
- ▶ Floor Finish: **Plywood / Cement Board**
- ▶ Live Load: **5 kN/m<sup>2</sup>**
- ▶ Point Load: **4 kN**  
(minimum 1000 mm centres)  
+ Bowling Lane (Load capacities subject to slab design)
- ▶ Warranty: **Up to 10 years**

BowIFLOOR PRO is designed to incorporate a board-based mass layer above the acoustic isolators.

### Accreditations:



### Performance:

Rw: 70 dB  $\Delta$ Lw: 34 dB

Frequency (Hz)	63	125	250	500	1K	2K	4K
R (dB)	44	48	56	73	80	81	82

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  
ISO 717-2:2013

Based on 140 mm structural slab, no ceiling

Fire: EN 1994-1-2:2010

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

### Test/Assessment Standards

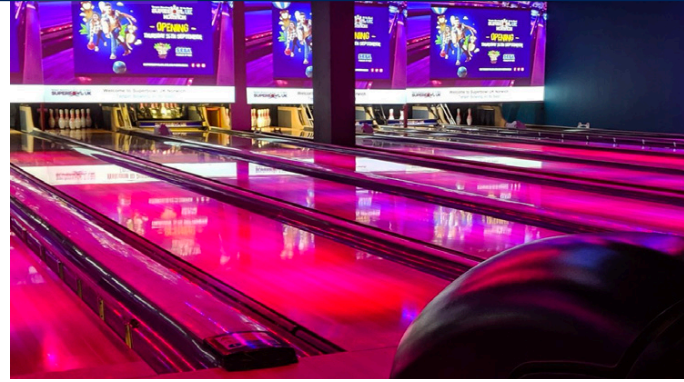
Test data and standards followed for both static and dynamic material properties are provided within project specific calculations from Farrat.

Please contact Farrat for further information: [sales@farrat.com](mailto:sales@farrat.com)

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.

## /// BowIFLOOR PRO

Farrat has pioneered the acoustic isolation of bowling floors. The unique challenge of three widely varying load profiles across a bowling lane (approach, lanes, pinsetter) combined with the very low-frequency vibrational energy induced by a bowling ball impact led to the development of the BowIFLOOR range.



## Ordering from Farrat:

BowIFLOOR **PRO** Floor Isolators

**Product Code:** 2BF-P-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. 300mm cross centres under Pinsetter.

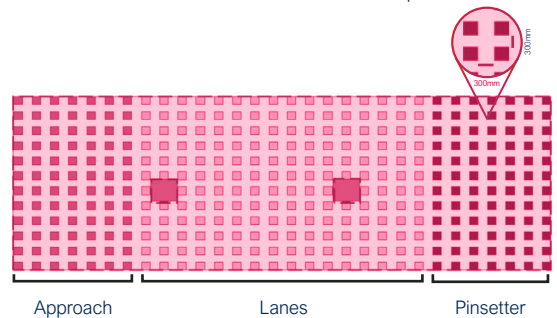
BowIFLOOR **PRO** Perimeter Isolation Strips

**Product Code:** 2BF-P-02

**Measure:** Strips are 2000 mm long. Allow 0.5 strips per meter of bowl area perimeter. Including around penetrations and columns. + 10% waste.

Example Layout:

- BowIFLOOR **PRO** Acoustic Isolator (Approach)
- BowIFLOOR **PRO** Acoustic Isolator (Lanes)
- BowIFLOOR **PRO** Acoustic Isolator (Pinsetter)
- - - BowIFLOOR **PRO** Perimeter Isolation Strip



Our BowIFLOOR PRO products have a 3-5 day lead time. We hold stock in the **UK, the UAE** and **Saudi Arabia**, and regularly export worldwide.



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 BowIFLOOR 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 regularly supply our BowIFLOOR systems to market leading bowling operators and manufacturers including: **Hollywood Bowl, Superbowl, QubicaAMF** and **Yalla! Bowling**.