

CineFLOOR LITE

Where an existing structure can't support the load of a heavyweight floating slab, CineFLOOR LITE utilises our very lowest dynamic stiffness isolators to extract the maximum possible low-frequency performance from a lightweight floating slab.



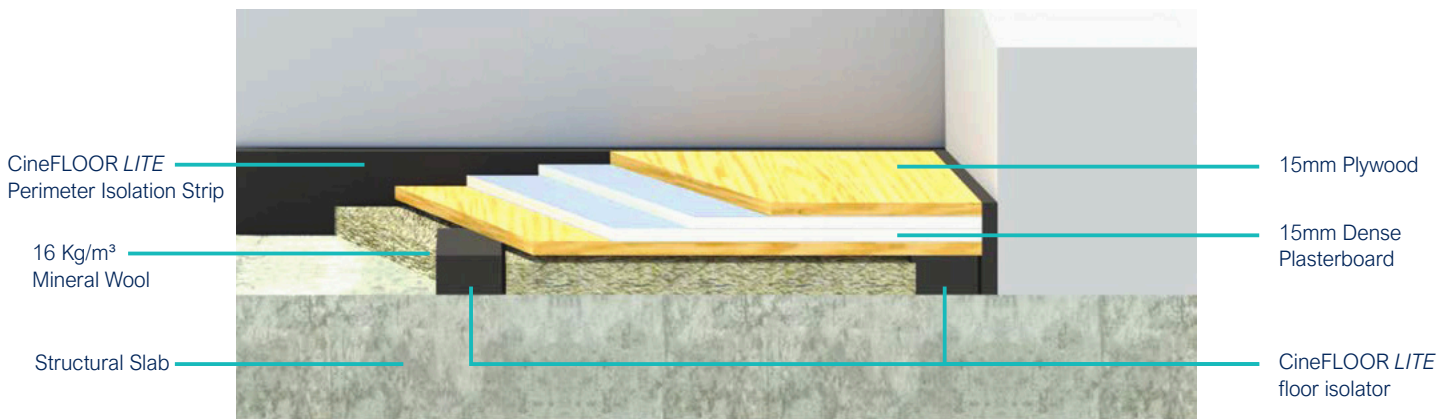
9 Hz Natural Frequency



90 mins Fire Resistance



Up to 10 years warranty



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

Features:

- ▶ f_n @Operating Load: **9Hz**
- ▶ f_n @Dead Load: **17Hz**
- ▶ Height: **110mm**
- ▶ Weight: **0.5 kN/m²**
- ▶ Air Gap: **50mm**
- ▶ Floor Finish: **Plywood**
- ▶ Live Load: **5 kN/m²**
(minimum 1000 mm centres)
(Load capacities subject to floor design)
- ▶ Point Load: **4 kN**
- ▶ Warranty: **Up to 10 years**

CineFLOOR LITE floating slabs can be designed with a combination of timber, plasterboard and cement particle board layers to offer variable mass and resistance to moisture.

They offer wide flexibility when it comes to modification and replaceability and are particularly suited to renovation and re-purposing applications where the structural slab is not designed to take the weight of a concrete floating floor.

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

Performance:

Rw: 70 dB ΔLw: 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

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.

CineFLOOR LITE

The Farrat CineFLOOR range was developed following the successful delivery of 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.



Our CineFLOOR LITE products have a 1-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 CineFLOOR 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 CineFLOOR systems to market leading cinema operators including: **Cineworld, VOX, VUE, Everyman, REEL, Odeon** and **UCI**.



Ordering from Farrat:

CineFLOOR LITE Floor Isolators

Product Code: 2CF-L-01

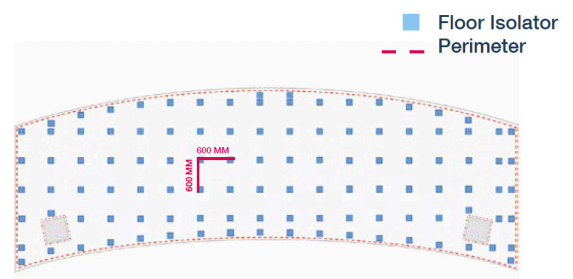
Measure: Isolators at 600 mm cross centres
Allow 3.4 isolators per m² (floor area) + 0.2 isolators per m² for non-rectangular shapes

CineFLOOR LITE Perimeter Isolation Strips

Product Code: 2CF-L-02

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

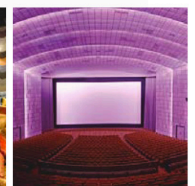
Example Layout:



Curzon
Sheffield



Everyman
Kings Cross



Empire
Leicester Square