

Designers Guide to CineFLOOR NEO

Our 100% timber acoustic floating floor for projects where material supply and/or cost is significantly constrained.



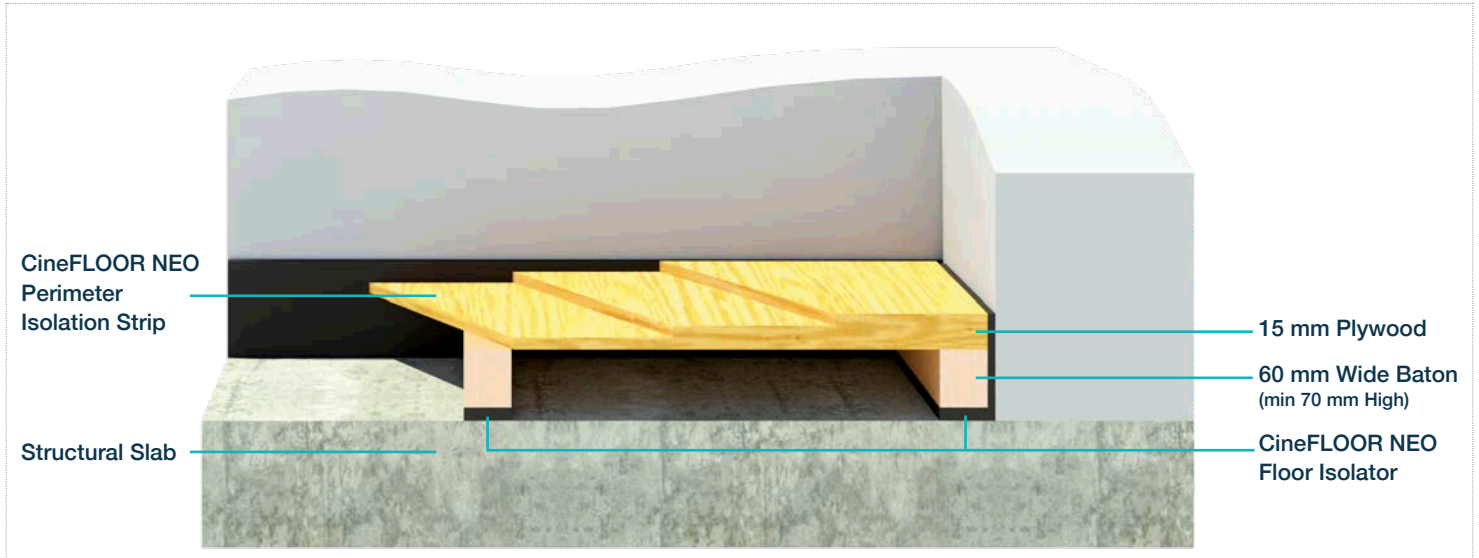
21 Hz
Natural
Frequency



90 mins
Fire
Resistance



Up to 5
Years
Warranty



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

Features:

- f_n @ Operating Load: 21 Hz **Floor Finish:** Plywood
- f_n @ Dead Load: 27 Hz **Live Load:** 5 kN/m²
- Height:** 130 mm **Point Load:** 4 kN (minimum 1000 mm centres)
- Weight:** 0.3 kN/m² (Load capacities subject to slab design)
- Air Gap:** 85 mm **Warranty:** upto 5 Years

CineFLOOR NEO 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.

Standards:

Performance:

R_w : 63 dB ΔL_w : 28 dB

FREQUENCY (Hz)	63	125	250	500	1K	2K	4K
R (dB)	38	38	48	69	80	82	83

Fire Resistance Duration: 90 mins

Test/Assesment 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



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.

Buyers Guide to CineFLOOR NEO

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.



Ordering from Farrat:

CineFLOOR NEO Floor Isolators

Product Code: 2CF-N-01

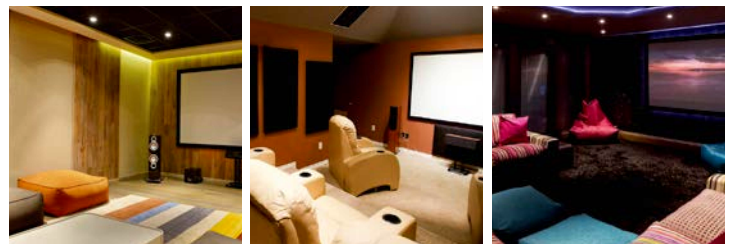
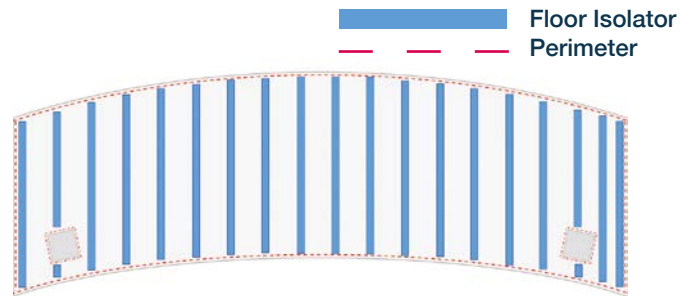
Measure: Isolator strips are 1000 mm long
Spacing at 600 mm centres
Allow 1.7 isolators per m² (floor area)
+ 0.3 isolators per m² for non-rectangular shapes

CineFLOOR NEO Perimeter Isolation Strips

Product Code: 2CF-N-02

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

Example Layout:



Fast & Reliable
Global Logistics

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



Free Technical
Support

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**.



Low
Life-Cycle Cost

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



Certified
Solutions

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.



200 Projects
Experience

We regularly supply our CineFLOOR systems to market leading cinema operators including: **Cineworld, Vox, VUE, Empire, REEL, Odeon** and **UCI**.

Farrat

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