

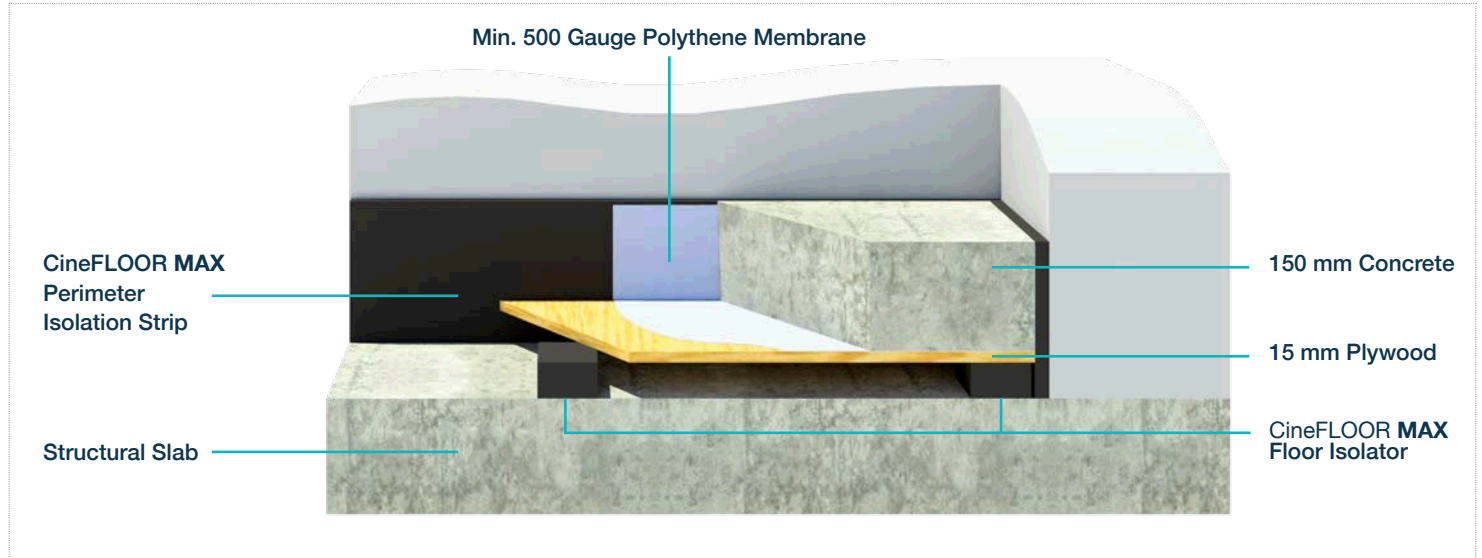
Designers Guide to CineFLOOR MAX

Designed specifically for 4DX auditoria, CineFLOOR MAX incorporates high damping isolators to control and constrain vibration while still providing exceptionally high sound insulation.

10 Hz Natural Frequency

90 mins Fire Resistance

Up to 25 Years Warranty



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

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:** upto 25 Years

CineFLOOR MAX floating slabs can be designed with a fully fibre reinforced concrete to allow easy seat installation without the risk of hitting rebar.

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

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

Standards:

Performance:

R_w : 75 dB ΔL_w : 36 dB

FREQUENCY (Hz)	63	125	250	500	1K	2K	4K
R (dB)	56	53	60	77	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 MAX

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.



Fast & Reliable
Global Logistics

Our CineFLOOR **MAX** 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**.



Ordering from Farrat:

CineFLOOR MAX Floor Isolators

Product Code: 2CF-M-01

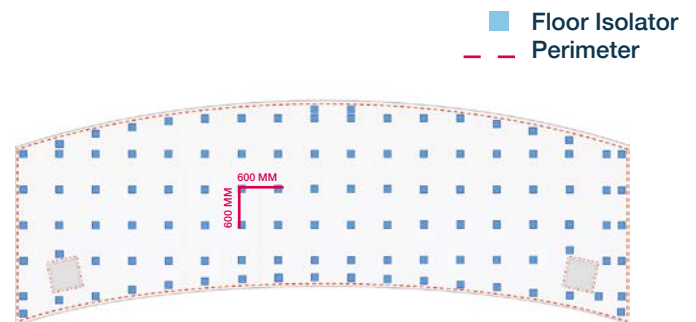
Measure: Isolators at 600 mm cross centres
Allow 3.4 isolators per m² (floor area)
+ 0.2 isolators per m² for non-rectangular shapes

CineFLOOR MAX Perimeter Isolation Strips

Product Code: 2CF-M-02

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

Example Layout:



Cineworld
Castleton



Cineworld
Middlesbrough



4DX



CONTACT US

Balmoral Road,
Altrincham,
WA15 8HJ
UK

+44 (0)161 924 1600
sales@farrat.com
www.farrat.com