

Designers Guide to CineSTEEL LITE

Designed for lightweight cold-rolled and SFS structures which impose line loading, CineSTEEL LITE utilises high-strain expanded polyurethane strips to extract maximum isolation performance despite low dynamic mass in the structure.



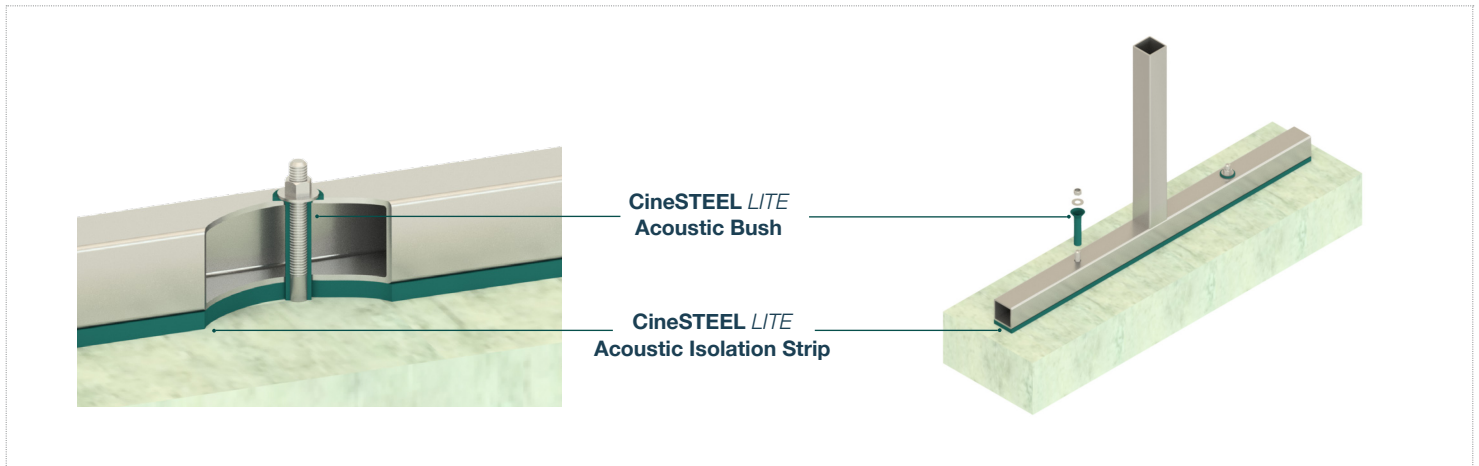
14 Hz
Natural
Frequency



90 mins
Fire
Resistance



Up to 10
Years
Warranty



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

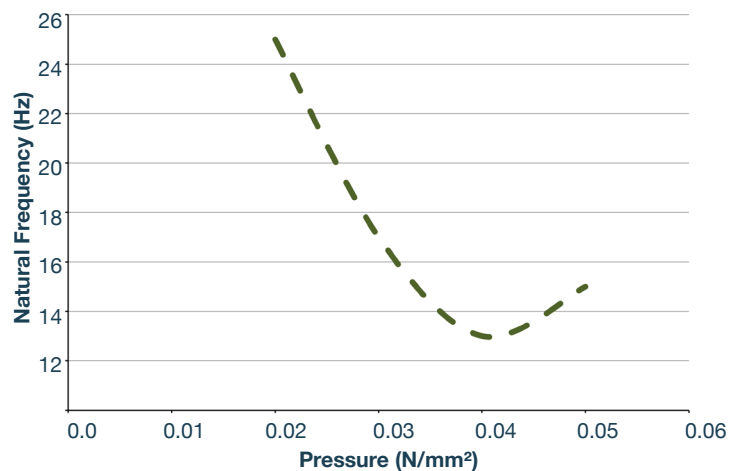
Features:

f_n @Operating Load:	14 Hz	Isolator Thickness:	12.5 mm
f_n @Dead Load:	20 Hz	Isolator Type:	Standard Strip
Max Pressure:	0.05 N/mm ²	Warranty:	up to 10 Years
Max Live Load:	2 × Dead Load		

The CineSTEEL LITE wide load range allows it to be used in a variety of lightweight structures, supporting plywood and plasterboard stadia without the requirement for precise load capacity/isolation performance balancing calculations.

The same acoustic isolation strip type can be used throughout the whole raked seating structure, enabling delivery from stock and simple installation.

Performance:



Accreditations:



Quality Management



Environmental Responsibility



Performance Testing



Sponsorships



Test/Assessment Standards:

Test data and standards followed for both static and dynamic material properties are provided on the relevant Farrat material datasheets.

Assessment of the fire resistance duration can be found in the Farrat technical report: www.farrat.com/cinesteel-fire

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 CineSTEEL *LITE*

The Farrat CineSTEEL 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 CineSTEEL *LITE* acoustic isolators have a 1-2 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 CineSTEEL acoustic isolation systems are designed with ease of installation, durability and follow-on trades in mind.



Certified
Solutions

Our CineSTEEL acoustic isolators are manufactured in the UK under an accredited ISO 9001:2015 quality management system. Our **performance test data** is supplied from our in-house laboratory and is regularly checked & referenced with UKAS accredited laboratories.



200 Projects
Experience

We regularly supply our CineSTEEL acoustic isolation systems to market leading cinema operators including: **Cineworld, VOX, VUE, Empire, REEL, Odeon** and **UCI**.

Ordering from Farrat:

CineSTEEL *LITE* Acoustic Isolation Strips

Product Code: 2CS-L-01
Measure: Strips are 1000 x 70 x 12.5 mm.
Allow 1 strip per meter of sole plate.
+ 5% off-cuts.

CineSTEEL *LITE* Acoustic Bush

Product Code: 2CS-L-08/10/12
Measure: Acoustic bushes are available for M8, M10 and M12 fixings.
All fixings through isolation strips should incorporate an acoustic bush.
Fixings to S.E. Spec (typically 600 mm centres).
(= 1.7 washers per meter of sole plate).
Hole for acoustic bush = bolt diameter + 5 mm.

Example Layout:

- CineSTEEL *LITE* Acoustic Isolation Strip
- CineSTEEL *LITE* Acoustic Bush

