

Designers Guide to CineSTEEL NEO

Our 100% recycled CineSTEEL NEO raked seating isolation system can be used without precise acoustic performance calculations. The sheets can be cut to size and drilled on site, facilitating very fast delivery and installation.



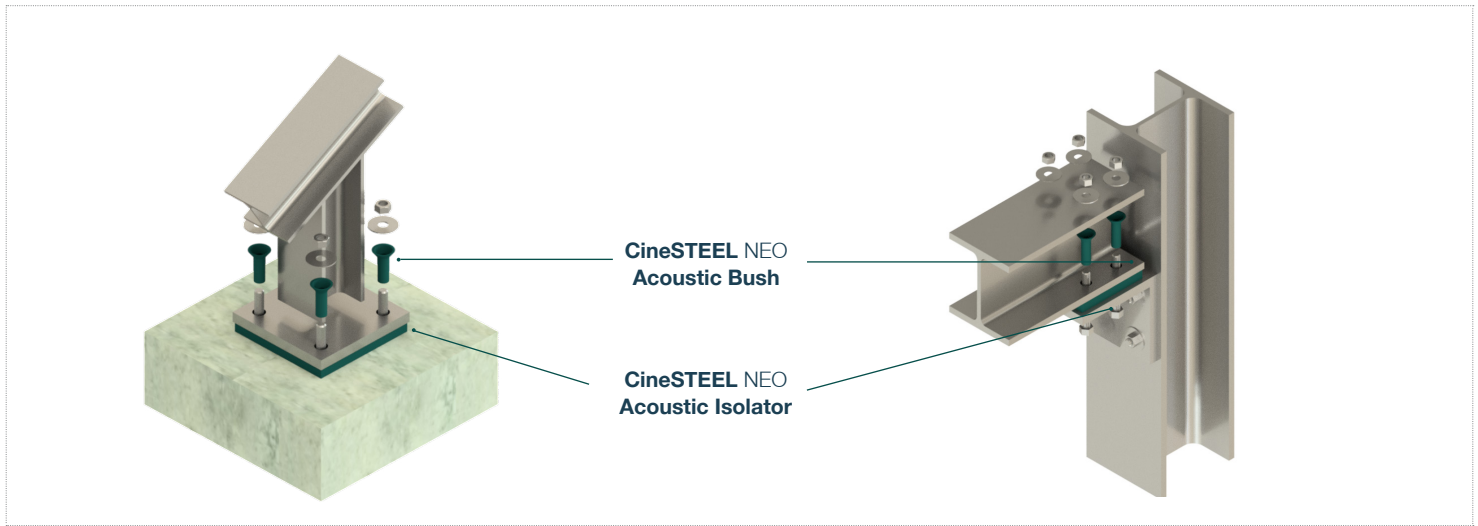
22 Hz
Natural
Frequency



90 mins
Fire
Resistance



Up to 5
Years
Warranty



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

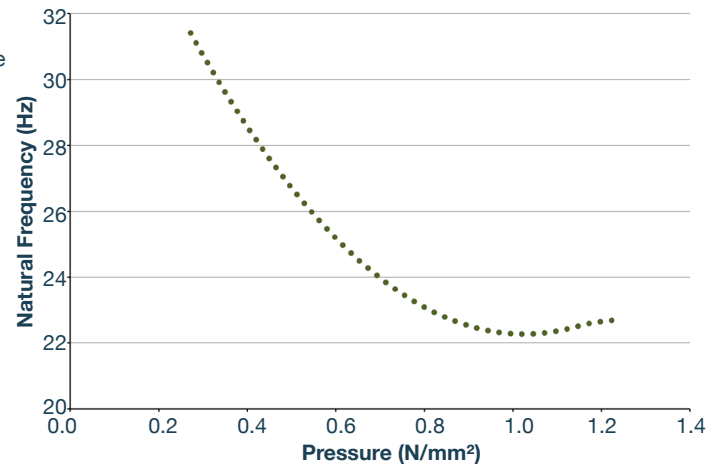
Features:

- f_n @Operating Load: 22 Hz **Isolator Thickness:** 20 mm
- f_n @Dead Load: 30 Hz **Isolator Type:** Point Load, Cut-on-site
- Max Pressure:** 1.25 N/mm² **Warranty:** up to 5 Years
- Max Live Load:** 2 × Dead Load

CineSTEEL NEO is based on a hot-rolled steel frame supporting up to 150 mm concrete stadia, however unlike higher-performing grades, does not require load specific calculations and multiple isolator specifications due to the variable stiffness response provided from the cork-filled elastomer.

The higher overall stiffness does result in isolation performance compromises at the very lowest frequencies, however there are still many applications for CineSTEEL NEO within commercial cinemas.

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

Buyers Guide to CineSTEEL NEO

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 NEO 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 NEO Acoustic Isolators

Product Code: 2CS-N-01

Measure: Isolation Sheets are 1000 x 1000 x 20 mm.
Sheets should be cut to size \geq baseplate area.

CineSTEEL NEO Acoustic Bush

Product Code: 2CS-N-16/20/24

Measure: Acoustic Bushes are available for M16, M20 and M24 fixings.

All fixings through isolators should incorporate an acoustic bush. Only one side of the fixing requires acoustic bushes (one bush per bolt).

Fixings to S.E. Spec (typically $\times 4$ per connection).
Hole for acoustic bush = bolt diameter + 7 mm.

Example Layout:

- CineSTEEL NEO Acoustic Isolator
- CineSTEEL NEO Acoustic Bush

