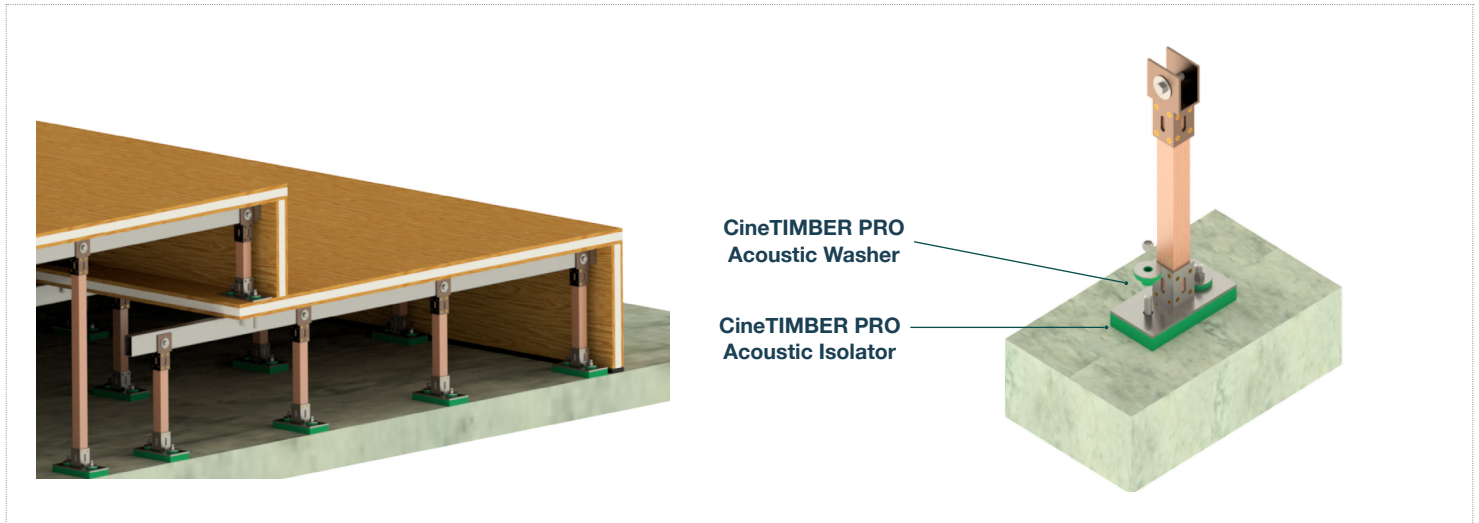


# Designers Guide to CineTIMBER PRO

The most common “value engineered” design in raked seating isolation, utilising composite stadia decking made from plywood, dense plasterboard and in some cases cement particle board, to achieve very high levels of sound insulation without using concrete.

12Hz  
Natural  
Frequency

Up to 10  
Years  
Warranty



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

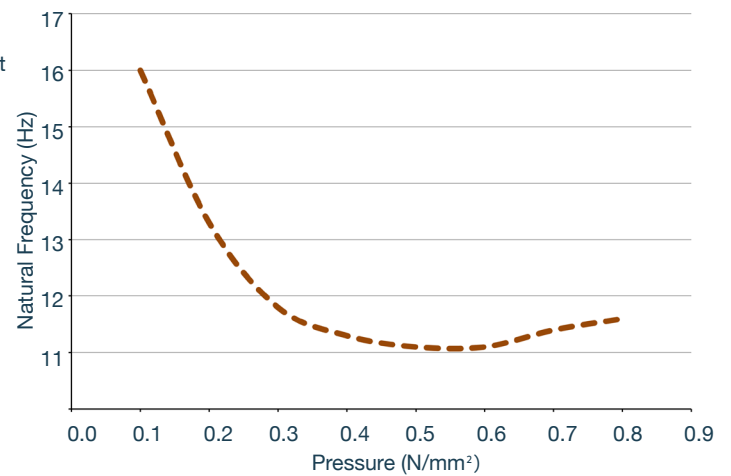
## Features:

- $f_n$ @Operating Load: 12 Hz
- $f_n$ @Dead Load: 14 Hz
- Max Pressure:** 0.8 N/mm<sup>2</sup>
- Max Live Load:** 4 × Dead Load
- Isolator Thickness:** 25 mm
- Isolator Type:** Point Load, Bespoke-cut
- Warranty:** up to 10 Years

CineTIMBER PRO systems can be designed to achieve similar levels of sound insulation and vibration isolation as typical concrete tiered seating structures by inducing additional mass by hanging undercroft ceilings from the structure and / or pre-compressing the acoustic isolators.

The CineTIMBER PRO system does not necessarily require a timber frame and is used regularly as a lightweight steel frame / timber stadia hybrid.

## 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 within project specific calculations from Farrat. Please contact Farrat for further information at: [sales@farrat.com](mailto:sales@farrat.com)

CineTIMBER PRO is not fire rated due to the use of structural timber.

*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 CineTIMBER PRO

The Farrat CineTIMBER 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:

### CineTIMBER PRO Acoustic Isolators

**Product Code:** CineTIMBER PRO isolators require bespoke calculation and design.

**Measure:** Please refer to the main CineTIMBER brochure for information on ordering bespoke designed isolators.

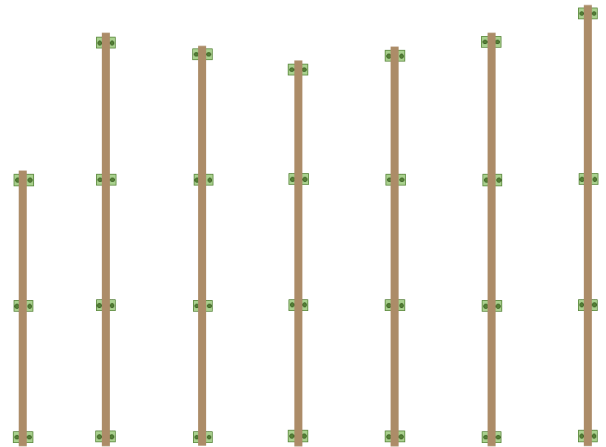
### CineTIMBER PRO Acoustic Washer

**Product Code:** 2CT-P-08/10/12

**Measure:** Acoustic washers are available for M8, M10 and M12 fixings.  
All fixings through isolators should incorporate an acoustic washer.  
Fixings to S.E. Spec (typically  $\times 2$  per connection).  
Hole for acoustic washer = bolt diameter + 5 mm.

### Example Layout:

- CineTIMBER PRO Acoustic Isolator
- CineTIMBER PRO Acoustic Bush



CineTIMBER PRO acoustic isolators can be designed to match any baseplate and washer quantity combination (subject to load limits). See the CineTIMBER brochure for further information.



Fast & Reliable  
Global Logistics

Our CineTIMBER PRO acoustic isolators have a 1-2 week 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 CineTIMBER 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 CineTIMBER acoustic isolation systems to market leading cinema operators including: **Cineworld, VOX, VUE, Empire, REEL, Odeon** and **UCI**.

**Farrat**

#### CONTACT US

Balmoral Road,  
Altrincham,  
WA15 8HJ  
UK

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