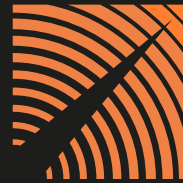


NTS

**NATIONAL
TIMBER SYSTEMS**
Part of National Timber Group



GreenBox® | THE CLIMATE-FRIENDLY FLOOR CASSETTE SYSTEM

GreenBox is a climate-friendly floor cassette system that performs like a concrete floor, but with less mass and a fraction of the embodied carbon. The design combines a stiff timber structure with a proprietary filling that dampens vibration and improves acoustic and fire performance. And installation is simple: just lift in prefabricated cassettes and connect with screws – no special skills or equipment are needed.



Lightweight. Low embodied carbon. Tunable acoustic performance. Easy to install. GreenBox is a new timber floor system that works for big bays and long spans in multi-occupancy residential and commercial buildings.

How Does GreenBox Perform?

GreenBox meets or exceeds the performance of other floor systems, but at a fraction of the weight and environmental impact. Here's how:

Noise & Movement.

GreenBox's proprietary design can meet acoustic and vibration criteria without the need for added screeds or soundproofing materials.

Fire Resistance.

GreenBox has a test-verified one-hour fire resistance. This performance can be further improved to two hours through simple adjustments to the filling.

Water Resistance.

The design includes multiple lines of defense against water ingress and trapped water, both on-site and in-service.

Maintenance.

Panels can be modified on-site with no special equipment. Replacements can be made through windows, with light lifting equipment.

Structural Performance.

Stiff, heavily damped panels allow for long spans. Can be supported from steel, timber or concrete.

- ◆ Low-Carbon & Reusable
- ◆ Visually Appealing
- ◆ Fast & Easy to Build
- ◆ Lightweight, With No Screed Required
- ◆ Up to 120 Minutes of Fire Resistance
- ◆ Resistant to Water Damage

Image © Thornton Tomasetti



SCAN FOR DETAILS
OF GREENBOX ON
OUR WEBSITE HERE!

For more information on **GreenBox®** please email a member of our team with your enquiry at **design@nationaltimbersystems.co.uk**