

# CUT CARBON. KEEP PERFORMANCE.

## MASS TIMBER DEMANDS MORE FROM THE FLOOR SYSTEM.

Maxxon Gyp-Crete® underlayments are a key component of tested floor-ceiling assemblies that help architects meet fire and acoustic code requirements while supporting sustainability goals without compromise. [Maxxon underlayments have been trusted across 8.5million square feet of Mass Timber projects across North America.](#)

## Gyp-Crete® Contains up to 1/3 less Embodied Carbon than Concrete

Maxxon's Acoustic Isolation System offers a lower-carbon floor system architects can specify with confidence. They are GREENGUARD® Gold Certified and LEED® credit eligible. When sustainability matters, the choice is clear.

### CARBON & SUSTAINABILITY



#### A GREENER FLOOR FROM THE GROUND UP

Maxxon Gyp-Crete® dramatically reduces embodied carbon compared to traditional concrete systems. As trees grow, they sequester CO<sub>2</sub>. In Mass Timber Projects, that carbon stays locked within the wood panels.

Gyp-Crete® helps complete that sustainability story at the floor level. GREENGUARD® and GREENGUARD Gold Certified, Maxxon products carry low or no VOC emissions and can contribute toward LEED® certification points.

Architects designing for ESG targets or green certification programs can specify Maxxon with full documentation in hand.

LEED® Eligible

GREENGUARD® Gold

### FIRE RATINGS



#### 140+ UL-RATED ASSEMBLIES. READY TO SPECIFY.

Mass timber resists fire by design, and Maxxon supports compliance with 140+ UL-rated assemblies. Gyp-Crete® underlayments play a critical role in achieving fire-resistance ratings in both exposed mass timber and light-frame construction.

Maxxon gives design teams a broad library of code-compliant assemblies for every project type: multifamily, commercial mid-rise, and beyond.

Two-hour fire ratings for Mass Timber CLT assemblies are achievable with proven Maxxon systems. Download the Maxxon Fire & Sound Manual for complete assembly specifications.

140+ UL / ULC Designs

2-hr CLT Ratings



### SOUND CONTROL



#### 500+ FIELD & SOUND LAB TESTS INCLUDING NEW 3-PLY CLT TESTING

Exposed wood ceilings are the hallmark of mass timber design, and can be a great acoustical challenge. When you can't hang a suspended ceiling, sound control must be handled entirely at the floor. That's where Maxxon can assist.

The Maxxon Acoustic Isolation System for Mass Timber construction significantly reduces both impact and airborne sound to meet or exceed residential and commercial code minimums. Maxxon has conducted more than 300 laboratory sound tests on Mass Timber Assemblies in its state-of-the-art Acoustics Lab, along with hundreds of field tests supporting real-world mass timber applications.

*"Our goal is to give architects and designers the options to achieve the level of acoustic isolation they're looking for."*  
— Evelyn Way, Lead Scientist, Acoustics

500+ Field and Sound Tests

Acousti-Mat® EPD Available



## Why Gyp-Crete® Produces Significantly Less CO<sub>2</sub> Than Concrete



**Low-temperature production process.** Gypsum cement is produced at far lower kiln temperatures than Portland cement, requiring substantially less energy to manufacture, reducing the carbon footprint at the source.



**No calcium carbonate CO<sub>2</sub> release.** Portland cement releases CO<sub>2</sub> when calcium carbonate breaks down during firing. Gypsum cement does not rely on calcium carbonate in its binder, which helps avoid a significant source of emissions.

## Your Specification Partner from Schematic to Certificate of Occupancy

Maxxon's expert team works directly with architects, engineers, and designers to identify the right assembly for every project. Ready-to-use specs, AIA continuing education courses, the Maxxon System Selector, and a dedicated sales team are standing by. Navigating acoustics, fire ratings, and sustainability metrics doesn't have to be complex.

## Learn More and Connect with the Maxxon Team

### MAXXON FIRE AND SOUND MANUAL



### MASS TIMBER ACOUSTICS GUIDE



### SCHEDULE A LUNCH AND LEARN WITH MAXXON

