



# PROJECT PROFILE

**BROOK STREET RESIDENCE HALL**

**BROWN UNIVERSITY**

**PROVIDENCE, RI**

## SILENCING ANXIETY:

### USG LEVELROCK® BRAND SAM-N25™ SUPREME SOUND ATTENUATION MAT SAVES THE DAY ON MASS TIMBER RESIDENCE HALL PROJECT

Construction on the new mass timber Brook Street Residence Hall on Brown University's campus was underway, but the architect was becoming increasingly worried about one thing...meeting sound code.

The sound mat system the architect had specified for the project was a heavy, two-layer mat system that didn't have any independent testing to confirm its ratings for mass timber. And while mass timber offers a sustainable and beautiful alternative to steel and wood framing, it can be difficult to meet the strict building code requirements for STC/IIC ratings. This is particularly true in a residence hall with so many people living in close proximity.

**Enter USG Levelrock® SAM-N25™ Supreme Sound Attenuation Mat to save the day.**

USG Levelrock® SAM-N25™ Supreme Sound Mat is a high-density, acoustic mat system designed specifically for mass timber construction, like CLT. What's more, SAM-N25™ Supreme is certified by third-party acoustic testing of mass timber assemblies, with confirmed ratings as high as 56/53, which exceeded the code requirements for the Brook Street Residence Hall project.

And, unlike competitor mats, USG Levelrock® SAM-N25 Supreme is a single, thinner, multi-layered mat featuring uniquely engineered lightweight glass fibers with high acoustical absorption. As a result, crews at Brook Street Residence Hall were able to use fewer mats, install faster, and save significantly on labor and material costs. All while achieving better acoustical ratings than competitor sound mats.

In the end, USG Levelrock® Brand SAM-N25™ Supreme Sound Attenuation Mat not only helped meet code requirements and eased architect anxiety, it also brought down costs and sped up construction. A win for everyone involved.

## AN EASY CHOICE

“The testing data made it easy for the architect to approve the Supreme Mat over the rubber product that had been previously specified.”

**DOUG EDWARDS**  
Project Manager,  
Flooring Solutions



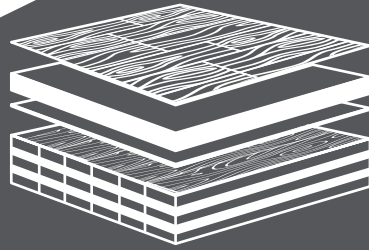
LOW PROFILE  
**5/16 IN. (8 MM)**

LIGHTWEIGHT



## PRODUCT HIGHLIGHT

USG Levelrock® SAM-N25™ Supreme Sound Attenuation Mat is made of a combination of lightweight, high-density materials designed specifically for CLT and mass timber construction. USG Levelrock® SAM-N25™ Supreme will meet and exceed even the toughest building code requirements for sound attenuation, with independent, third-party testing showing STC and IIC ratings as high as 56/53.



DESIGNED FOR **MASS  
TIMBER CONSTRUCTION**



**SUPERIOR SOUND  
ABSORPTION**



EASY TO INSTALL  
**= COSTS SAVINGS**

