

The USG logo consists of the letters "USG" in a bold, sans-serif font, followed by a stylized graphic element of two overlapping triangles, one red and one grey, pointing towards the right.

PROJECT PROFILE

**STUDENT RESIDENCE HALL
FLOORING INSTALLATION**
PROVIDENCE, RI

GROWING CLT TREND: DEMANDS SOUND FLOOR SOLUTION

CLT (Cross-Laminated Timber) represents a growing trend in North America. The environmental impact is far less than traditional concrete, it's more cost effective and the aesthetic is incredibly appealing to builders and occupiers. But the exposed wood ceilings create sound issues that require a superior flooring solution.

RISD (Rhode Island School of Design) residence hall architects NADAAA knew that CLT was the right approach for design students. However, this was their first CLT project. A USG competitor suggested a rubber mat to address sound issues. But the product was too heavy and expensive. They decided to work with USG to deliver a sound flooring solution.

USG combined three products into a comprehensive solution: Levelrock® Brand Sound Reduction Board (SRB), SAM-N25™ Ultra Sound Attenuation Mat (SAM) and 3500 Green Floor Underlayment. The system met the required 50 STC rating of the building. It contributed to LEED points as the products use recycled and recaptured materials. And it was less than 50% of the cost compared to the competitor. That's a huge win for builders and RISD.

COST AND TIME SAVINGS

**“The competitor’s
product (originally
specified) would’ve
been impossible
to install on time.
USG’s solution cut
installation and cost
in half, if not more.”**

KEVIN HAUGHEY,
President, Flooring Solutions



PRODUCT HIGHLIGHT

USG combined 3 products:

- 1 Levelrock® Brand**
Sound Reduction Board (SRB)
- 2 Levelrock® Brand**
SAM-N25™ Ultra Sound Attenuation Mat (SAM)
- 3 Levelrock® Brand**
3500 Green Floor Underlayment



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EASY AS

1



26,000 Square Feet of SRB

2



26,000 Square Feet of Sound Mat

3



660,000 Pounds of 3500

GREATEST CHALLENGE

“Sound control. The exposed ceiling made it difficult to meet our 50 STC rating. We were able to eliminate the issue with this flooring solution.”

ARTHUR CHANG,
Principal Architect, NADAAA



TRUSTED PARTNER

“USG has been one of our best partners in our company history. And we definitely recommend this solution for future CLT project installations. Very pleased.”

KEVIN HAUGHEY,
President, Flooring Solutions