



PROJECT PROFILE

MULTI-FAMILY
RESIDENTIAL
MIDWEST, USA

CLT CONSTRUCTION PROJECT: GOES BIG WITH USG

While CLT (Cross-Laminated Timber) construction is frequently used in Canada and Europe, it represents a new and growing trend in the U.S. market. Nabholz Construction (general contractor) and Modus Studios (architect) chose CLT as a more sustainable, faster to install and more cost effective alternative to steel and poured concrete.

The exposed wood grain makes quite an impression aesthetically but the smooth hard surfaces create sound transmission issues. Nabholz needed an innovative subfloor solution to address this problem. They worked with Darragh Construction (underlayment specialists) and USG to provide a custom sound attenuation solution. By pairing USG Levelrock® Brand SAM-N25™ Ultra Sound Attenuation Mat with USG Levelrock® Brand CSD® Early Exposure™ Floor Underlayment, they were able to deliver a high performance sound solution. The system was faster and created efficiencies that resulted in cost savings of 10%.

USG Levelrock® Brand CSD® Early Exposure™ Underlayment can be installed up to 60 days before permanent windows and doors are installed. It allows for trade traffic next day and offers outstanding resistance to incidental moisture after setting. When coupled with USG Levelrock® SAM-N25™ Ultra Sound Mat, these products were able to provide a solution that exceeded project expectations.

“With CLT, you don’t have a ceiling to deaden sound. We paired USG’s sound mat with the CSD underlayment to achieve the required sound rating.”

JOHN STRACK,
Senior Project Manager,
Nabholz Construction



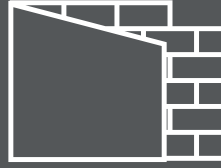
PRODUCT HIGHLIGHT

USG's Levelrock® Brand CSD® Early Exposure™ Series Floor Underlayment is a self-sealing product designed specifically for resistance to incidental moisture after setting and is the first product of its kind to achieve a non-combustible rating in Type 2 Construction.



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SELF-SEALING



FAST SETTING

SAM-N25™ ULTRA

A THREE-LAYER SOUND ATTENUATION MAT

HIGHEST IIC* VALUES IN THE INDUSTRY

*Impact Insulation Class



GREATEST CHALLENGE

“Scheduling! We had to pour the floors before the walls. Since CSD is the only self-sealing gypsum product on the market, it can be exposed to the elements while others can't. This expedited the schedule, allowing framers to arrive the next day.”

MATT PERRY

Manager-Construction Services,
Darragh Company



CONFIDENCE TO DELIVER

“With USG continuously delivering great products like CSD, it gives us the confidence to keep bringing innovative solutions to our customers.”

JOSIAH DAVIDSON

Project Manager, Darragh Company