



12:00 PM [Welcome, Credits, and Certificates](#)

12:05 PM **Magnesium Oxide (MgO) Floor Panels for Multifamily Buildings**

A streamlined approach to achieve better acoustics and fire resistance

Curtis Bolton  
Huber Engineered Woods Provider #: K094  
AIA #:HEW 302 HSW

01:05 PM **Review of Session Code Process**

01:10 PM **Acoustic Door Assemblies and Their Role in Sound Control**

Sound control is a critical element to a building's design. How an occupant will use the space must be understood in order to deliver a healthy and functional environment free of noise. Is speech privacy important? Is this a learning environment? Does the office open to a manufacturing floor? We all think of the walls, ceiling, and floor when discussing sound attenuation. But we must not overlook the importance of an acoustic-door assembly. Without the proper acoustic door, the sound-control goals in an acoustic plan may not be met. This course will review healthy sound levels and how to test and identify target STC ratings. We'll discuss the elements of the acoustic-door assembly and how the assembly addresses fire-ratings and ADA compliance, contributes to LEED certification and green building, and provides security for classified files and electronic data.

Steve Peterman  
Ambico Ltd. Provider #: J834  
AIA #:AAD001 HSW | GBCI (USGBC/CAGBC) #:920024242

02:10 PM [Break](#)

02:20 PM **Sponsor: QWEB (Quebec Wood Export Bureau) - Eli Gould**

Eli graduated with one of the first dual Architecture/Forestry degrees from Yale in the early '90s, with a conviction that the two fields would eventually be more linked. After a quarter century, this seems more true and even mainstream, but for many years it was an entrepreneurial effort in the small vertical wood prefab companies he ran in Vermont, and in the automated timber industry where he often consulted. For the last three years, Eli has brought those experiences into a nonprofit market development role for QWEB. When he's not trying to transform the AEC industry into a positive climate force he enjoys small town and organic farm life in Vermont with his family.

02:30 PM **Sound Control In Construction**

In this one-hour course, design professionals will gain practical knowledge of sound control and the many healthy and safety benefits it has for architects, builders, and occupants. It will discuss building code criteria and guidelines, including strategies to meet these requirements through various methods. By the end of this course, design professionals will be able to evaluate different sound control strategies and specify ones that best fit each project's needs.

Paul Volkoff  
Homasote Provider #: J582  
AIA #:soundatten21 HSW | GBCI (USGBC/CAGBC) #:920023554

03:30 PM

### **A Design Professionals Guide To: SOUND ISOLATION**

- Understand various sound isolation assemblies and their components. - Describe various steel framing products and components of sound isolation - Understand the importance of proper installation in order to achieve desired STC rating - Explain the building code requirements for sound

Anthony M Stazzone  
MarinoWare Provider #: J835  
AIA #:MW005 HSW

04:30 PM

### **Better Design Through a Deeper Understanding of Acoustic Ratings**

This course covers two widely used acoustic metrics, the STC and IIC ratings. Although these ratings are required by building codes and frequently used, they are still often poorly understood and there are many myths and misconceptions around their use. This course looks “under the hood” of the STC and IIC ratings to get a better understanding of what they are, how they work, and what they do and don’t tell us. Importantly, this course covers shortcomings of the STC and IIC ratings that if not understood can lead to poor designs for noise control. In that vein, this course also looks at two new acoustic ratings, HIIC and LIIC, that provide a better insight into the impact-noise reduction provided by floor/ceiling assemblies. Finally, the course uses the knowledge gained about ratings to discuss general methods of improving the acoustic performance of floor/ceiling assemblies.

Mike Raley  
PAC International Provider #: 10008841  
AIA #:PAC001 HSW

05:30 PM

End

