



ATS CONTINUING EDUCATION
ONLINE_SEMINAR
Acoustic March - North America
Wednesday, March 16, 2022



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

12:05 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

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

01:10 PM **More Than Just an R-Value: Acoustics in Commercial Buildings**

Commercial stone wool products can help to protect property, extend building life cycles and enhance occupant comfort, and are designed to make construction faster and easier. This course will identify what stone wool insulation is and how it is produced, and will discuss some introductory terminology and concepts as they relate to sound and acoustics in the building envelope. We will examine current codes and standards provisions for acoustics in the United States and finally, we will discuss techniques and considerations that can be used when designing exterior wall & roof assemblies and interior wall systems for sound acoustic performance.

Jon Ram
Rockwool Provider #: K269
AIA #:RWNA204 HSW | GBCI (USGBC/CAGBC) #:920024243

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

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

03:30 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

04:30 PM

End



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