



ATS CONTINUING EDUCATION
ONLINE_SEMINAR
Acoustic and Sound Control Design Solutions
(Fall) - North America
Tuesday, September 17, 2024



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.

Judah Silverman
Ambico Ltd. Provider #: J834
AIA #:AAD001-24 HSW | GBCI (USGBC/CAGBC) #:0920030780

01:05 PM [Review of Session Code Process](#)

01:10 PM **Cork: Nature's Regenerative Building Material**

The word sustainable is often used to describe building products, but few are more sustainable than cork. This course will dive deep into the Cork Oak tree, its regenerative bark, mindful harvesting, and its use in building products. We'll review cork's natural properties that make it ideal in the built environment, including moisture resistance, durability, and superior acoustic control. This course will examine the use of cork in flooring underlayment as an example of its ability to reduce impact sound in ceiling/flooring assemblies. Lastly, we'll address cork's contribution to a circular economy and review its lifecycle stages from its responsible forestry at raw materials to its end-of-life where cork products can be recycled into new products.

Rick Loomis
Amorim Cork Composites Provider #:
AIA #:CorkRegen27 HSW | GBCI (USGBC/CAGBC) #:0920030806

02:10 PM [Break](#)

02:30 PM **Designing for Sound Control: Effective, GREEN, Principles and Practices**

In this one-hour course, design professionals will gain practical knowledge of effective principles of sound control and how they can be applied to the design of wall and floor/ceiling assemblies. We will discuss building code criteria and guidelines, including strategies to meet these requirements utilizing cellulosic fiberboard. By the end of this course, design professionals will be able to specify optimal sound control strategies that best fit each project's needs.

Chuck McPherson
Homasote Provider #: J582
AIA #:soundatten24 HSW | GBCI (USGBC/CAGBC) #:920027579

03:30 PM

Acoustics and Noise Reduction

This 1 hour seminar will familiarize you with the way sounds affect us and how excess noise is detrimental to a healthy and productive environment. We will review remedies for existing spaces and how to design new interiors with sound absorbing materials in mind. We will also cover the new LEED v4 minimum requirements for acoustic performance as well as review application and design capabilities.

Mary Gwen Evans

EzoBord Provider #: 404108641

AIA #:1012019 HSW | GBCI (USGBC/CAGBC) #:

04:30 PM

End



**EDUCATION
PARTNER**

**AIA
Continuing
Education
Provider**