



11:00 AM [Welcome, Credits, and Certificates](#)

11:05 AM **Polyethylene: Sustainable Plastic for Exterior Acoustics**

This course includes a discussion of the strengths and weaknesses of polyethylene, the manufacturing process, sound attenuation properties and its environmental impact.

Spencer Kelly
Oldcastle APG Provider #: J545
AIA #:AcousticFence HSW

12:05 PM [Review of Session Code Process](#)

12:10 PM **High-Performance Cork Solutions for Impact Sound Isolation**

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 thermal insulation, durability, and superior acoustic control. This course will examine the use of cork in flooring underlayments, underscreeds and bearing wall strips. 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.

Andreia Almeida
Amorim Cork Solutions, LLC Provider #: 10101323
AIA #:HPCorkSound29 HSW

01:10 PM [Break](#)

01:25 PM [Sponsor to be announced](#)

01:40 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.

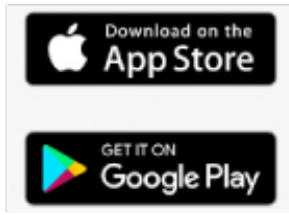
Judah Silverman
Ambico Ltd. Provider #: J834
AIA #:AAD001-24 HSW | GBCI (USGBC/CAGBC) #:0920030780

02:40 PM [Course to be announced](#)

03:40 PM [Break](#)

03:55 PM [Course to be announced](#)

04:55 PM [End](#)



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