



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 of Session Code Process](#)

01:10 PM **Hotel Marcel & Sinclair Hotel-A case study on Hotel Energy Efficiency**

In the last few years, two hotels in the US stand out regarding hotel efficiency, the Hotel Marcel and the Sinclair Hotel.

The Sinclair Hotel installed low voltage lighting and other technologies with state of the art technology and lowered the overall cost of their overhead by over 35% percent.

The Hotel Marcel took this one large step further and is the first net-zero energy hotel. Both of these hotels are registered as historical buildings.

This presentation focuses on the low voltage technology that is making it happen!

Glenn Collinge  
FSR Inc Provider #: J721  
AIA #:FSR729 HSW | GBCI (USGBC/CAGBC) #:

02:10 PM [Break](#)

02:20 PM [Sponsor: Lincora - Ben Desjardins](#)

02:30 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.

02:40 PM

## PreFabricated Fireproof Columns

Structural fire protection guards essential structural components from the devastating effects of fire. This course examines the various active and passive fireproof methods that are available with a focus on the features, types, and design considerations of prefabricated fireproof structural columns designed for exposed exterior and interior load-bearing columns. We also discuss Glass Fireproof Columns and possible applications.

Tricia Brindle

Fire-Trol Provider #: 10008964

AIA #:USFT01 HSW | GBCI (USGBC/CAGBC) #:920026530

03:40 PM

End



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