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ATS CONTINUING EDUCATION
ONLINE_SEMINAR
Hot Topic - Fire-Rated Products and Their Design
Solutions - Mountain Time Zone
Thursday, February 18, 2021



08:00 AM [Welcome, Credits, and Certificates](#)

08:10 AM **Fire-Retardant-Treated Wood in Today's Building Code**

This session is a discussion of fire-retardant-treated wood's technical characteristics and building code-related applications. Emphasis is placed on the testing and labeling required by the International Building Code. The building code, as with many products, regulates the use of wood in construction. Two broad categories separate materials: combustible and noncombustible. Codes limit the applications of combustible materials on the basis of fire and life safety. The question is then, are there options available to using wood in lieu of a noncombustible material. Fire Retardant Treated Wood (FRTW) provides that option. Codes recognize FRTW for many applications where a noncombustible material is mandated.

Mike Eckhoff
Hoover Treated Wood Products Provider #: J583
AIA #:1FRTW HSW | GBCI (USGBC/CAGBC) #:920007678

09:10 AM **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.

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

10:10 AM [Break](#)

10:30 AM **Designing for Fire Safety - Complying with NFPA 285 Test Standard for Exterior Walls**

When considering the building enclosure, fire safety is an important design factor and needs to be considered hand-in-hand with energy code requirements. The NFPA 285 Standard Fire Test Method for Evaluation of Fire Propagation Characteristics of Exterior Wall Assemblies Containing Combustible Components is a common consideration with modern building assemblies that use combustible materials. This presentation will review common fire standards including NFPA 285 test standard. It will outline the criteria for compliance, as well as identify triggers and contributors under the standard. The presentation will review how the selection building components such as insulation, air/water resistive barriers and claddings, can affect the fire performance of an assembly, and identify solutions and common paths for compliance.

Denise Alvera
Rockwool Provider #: K269
AIA #:RWNA718_2 HSW | GBCI (USGBC/CAGBC) #:

11:30 AM

Gravity Fail Safe Fire Protective Smoke Curtains Technology

smoke curtain technology, which allows for more open space and natural light (providing EED credit) in a building while protecting its occupants for safe evacuation by keeping the smoke layer six feet above the finished floor during a fire condition. Our automatic smoke barriers and partitions allow for open corridors in the atrium and are utilized for area separation. We create smoke datums with our technology under NFPA 92B guidelines in conjunction with smoke control to reduce extraction and make up air requirements. In our projects over-seas, our associates use less smoke extraction, and use more curtain systems to create more datums.

We are UL listed under UL 10D Fire Protective Curtains which UL established for our product. We are the only product in the world that holds this designation. We currently hold a UL S label for UL 1784 and a UL oversize report AND UL 864 for our group control panels. We have installed at The Kennedy Center for the Performing Arts, Federal Housing Finance Agency, UNC Dental School, MIT Neural and Cognitive Sciences Building, UMASS Integrated Sciences Building, PRINCETON Chemistry Building, FIU School for International and Public Affairs, Max Planck Institute (Florida), PNC Place in Washington, DC among many others and are currently installing at the Smithsonian National Museum of Natural History, as well as several Ground Zero and government installations.

Cyrus Sadeghian
U.S. Smoke & Fire Corp Provider #: K502
AIA #:000003 HSW | GBCI (USGBC/CAGBC) #:

12:30 PM

End



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