ATS CONTINUING EDUCATION
ONLINE_SEMINAR
Multi-Residential and Mixed-Use Projects - Central
Tuesday, August 19, 2025

08:00 AM Welcome, Credits, and Certificates

08:05 AM **Smoke Containment Strategies for Elevator Hoistways & Lobbies**

The spread of smoke in mid- and high-rise building fires is recognized as a major threat to the safety of the building occupants and responding fire personnel and the effectiveness of firefighting operations. This course explains how smoke migrates in a multi-story building fire and discusses how building codes have evolved to address this danger and why they mandate smoke containment in specific areas of a structure. Product applications and assemblies designed to meet building code requirements and limit vertical smoke migration via elevator hoistways and lobbies are examined.

Candace Kitchen
Total Door Systems - Architectural Door Consultants Provider #: J149
AIA #:TD-SCSEH-F2F24 HSW

09:05 AM *Review of Session Code Process*

09:10 AM **Sustainable Exterior Envelope**

This course focuses on the effect biological and physical agents have on the wood substrate of the exterior building envelope. After reviewing these agents, you will learn how proper installation and best building practices can limit the exposure these agents can pose to your project. Durable wood substrates will also be discussed with a comparison of popular man-made durability agents used to further protect the exterior envelope.

Isaac Hall
WindsorONE Provider #: T109
AIA #:ExtEnvelope23 HSW

10:10 AM Break

10:30 AM **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.

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

11:30 AM **Pressureless Treated Lumber: Wood Made Safer, Locally**

Specifiers seek the ideal treated-wood product for structural lumber. Until recently, pressure-treated wood has been the popular choice for decades.

Pressure-treated wood previously used chromated copper arsenate (CCA) until 2004 when the EPA outlawed the formulation due to health-risk concerns. Today's pressure-treated wood uses alkaline copper quat (ACQ) or copper azole (CA). Even though these formulas are safer, pressure-treated wood is still not ideal. It comes with a warning to never burn and to wear protection when handling. It should never be used for indoor applications.

This course introduces the next advancement in treated wood that's closer to ideal. We'll explain this pressure-less process, treated locally, that results in a non-toxic, safer lumber with no degradation in strength. We'll review third-party testing proving resistance to mold, rot, decay, and termites. We'll outline other benefits including the Class A fire-rating and contributions to green-building.

Christine Andola
Chemical Technologies Holding, Inc Provider #: 10091600
AIA #:Chemtech27 HSW | GBCI (USGBC/CAGBC) #:920030338

12:30 PM End