



**America
Training
Solutions**

ATS CONTINUING EDUCATION SEMINAR
Cleveland, OH - Wednesday, September 13th,
2017

Wednesday, September 13, 2017
DoubleTree by Hilton Cleveland Downtown -
Lakeside

1111 Lakeside Avenue E., , Cleveland, OH 44114



07:45 AM **Registration & Breakfast**

08:00 AM **Code Compliant Exterior Systems for Wood Framed Building Envelopes**

This course investigates the most recent code changes emphasizing building envelope performance. We will explore next generation integrated solutions that simultaneously provide protection against moisture penetration, air leakage, and thermal bridging. Installation benefits and on-site quality control issues related to multi-solution integrated systems will also be evaluated.

Evan Serra

Huber Engineered Woods Provider #: K094

AIA #:HEW 505 HSW | GBCI (USGBC/CAGBC) #:920011922

09:00 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.

Jim Gogolski

Hoover Treated Wood Products Provider #: J583

AIA #:1FRTW HSW | GBCI (USGBC/CAGBC) #:920007678

10:00 AM **Break**

10:15 AM **Benefits of Impermeable Concrete & Permanent Impermeable Repair Materials**

This Program addresses the impact of traditional & impermeable concrete inside & outside the building envelope. It discusses methods to improve longevity and consequently sustainability of all concrete applications. It provides a solution to the moisture & flooring problems as well as water and damp proofing concrete. Techniques and materials used to permanently repair concrete are discussed.

Joe Kindler

SPG (Specialty Products Group) Provider #: K540

AIA #:VLock2020-1 HSW | GBCI (USGBC/CAGBC) #:920007659

11:15 AM

Fire Rated Hollow Metal Doors

Participant will develop a better understanding of fire rated hollow metal doors. Seminar includes discussions about solutions and applications.

Learning objectives:

Describe the characteristics of the product.

Determine the different options available.

Expose the benefits and the limitations of each option.

Select the right product for the right application.

Guillaume Gauthier

De La Fontaine Provider #: T288

AIA #:HMD002 HSW | GBCI (USGBC/CAGBC) #:920007660

12:15 PM

Lunch

01:15 PM

Sound Control in Construction 16 old

This course defines the importance of sound control in the building industry where proper design can help avoid Litigation & Remediation.

We will discuss building code criteria including International Building Code (IBC-1207) and International Residential Code. We will identify areas where sound control is necessary in wall & floor/ceiling assemblies.

We will then offer an explanation of terminologies including: STC, IIC, NRC, Use Patterns and Flanking Sound. The mechanisms of sound transmission and its attenuation will be discussed including: Mass, Double Leaf Construction, Field Damped Mass, Decoupling, Unbalancing, Coincidence Effect and Sound Masking.

Rob Fohl

Homasote Provider #: J582

AIA #:Soundatten16 HSW | GBCI (USGBC/CAGBC) #:920007666

02:15 PM

Break

02:30 PM

Integrally Troweled & Cured Concrete - OLD

This program addresses the need to properly cure and finish concrete. Discusses the current ACI recommendations and the new technology that allows dramatic time savings while increasing quality of the finished product. Education in advanced concrete technology with the use of the power trowel alone to create a unique architectural concrete floor. Education in advanced methods to expose aggregate and ultra high gloss are also shown. This unique system also eliminates moisture loss which reduces cracking and seals the surface so effectively there may be no additional need for moisture mitigation.

Fred Stiles

Green Umbrella Provider #: 40107769

AIA #:AIACESGU103 HSW | GBCI (USGBC/CAGBC) #:920008002

03:30 PM

Course to be announced

04:30 PM

End of Program

