



ATS CONTINUING EDUCATION SEMINAR
Greenville, SC - Tuesday, August 29th, 2017
Tuesday, August 29, 2017
Hilton Greenville
Hilton Greenville , 45 West Orchard Park Drive ,
Greenville, SC 29615



07:45 AM **Registration & Breakfast**

08:00 AM **Improving Wind Uplift on Metal Roofs**

Discover the art and science of wind control and wind uplift on metal roofs and metal structures. Learn about wind uplift requirements, testing and proper wind mitigation specification techniques, as well as metal roof options and accessories to improve wind uplift characteristics.

Harry Lubitz, CSI, CDT
S-5! Attachment Solutions Provider #: 40107851
AIA #:MRIL1611 HSW | GBCI (USGBC/CAGBC) #:920011504

09:00 AM **The Uncoupling Principle**

This seminar will examine the Uncoupling Principle, which is now recognized in the Tile Council

of America's 2001 Handbook for Ceramic Tile Installation.

Review the history behind the Uncoupling Principle and examine the evolution of tile setting techniques, along with the benefits and limitations of each stage of development.

The individual functions that are inherent to an uncoupling system will be discussed and the major implications for tile and stone installations revealed.

At the end of this program, the participant will be able to: 1) comprehend the basics of the uncoupling principle and its relationship to the tile and stone industry; 2) recognize new areas of

installation that can be attained through the utilization of an uncoupling system; and 2) interpret and apply the new details and applications found in the current TCA Handbook.

William LeBlanc

Schluter Systems Provider #: J360
AIA #:SCHL3A HSW | GBCI (USGBC/CAGBC) #:920012236

10:00 AM **Break**

10:15 AM **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.

Chuck McPherson

Homasote Provider #: J582
AIA #:Soundatten16 HSW | GBCI (USGBC/CAGBC) #:920007666

11:15 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.

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

12:15 PM

[Lunch Sponsored by AlloyLED](#)

01:15 PM

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.

Sam Johnson
Huber Engineered Woods Provider #: K094
AIA #:HEW 505 HSW | GBCI (USGBC/CAGBC) #:920011922

02:15 PM

"First Impressions Matter" - Specifying Automatic Pedestrian Doors

This program covers the selection and specification of Automatic Doors to meet most applications, including types of doors and activators, glazing and hardware, ADA requirements, ANSI and BHMA standards in detail, safety, security, and specialty applications. Jean-Christophe Gaudette
NABCO Entrances Inc. Provider #: K116
AIA #:NAB003 HSW | GBCI (USGBC/CAGBC) #:920012224

03:15 PM

[Break](#)

03:30 PM

Open Air Steel Structures: benefits of working with a specialty manufacturer

Learn about the 4 types of open air steel structures and how each canopy is beautifully engineered specific to the job. Explore the benefits of working with a specialty manufacturer through a process called DEFI (Design, Engineer, Fabricate, Install). The process starts with an architect's sketch (vision) and finishes with a world class structure. This is a fast paced one hour program designed to inspire.

Tom Gold
CEAS+ / Porter Corp Provider #: 40107975
AIA #:OASS HSW

04:30 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.

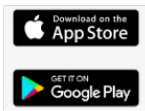
Fred Stiles

Green Umbrella Provider #: 40107769

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

05:30 PM

[End of Program](#)



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