



**America
Training
Solutions**

ATS CONTINUING EDUCATION SEMINAR
Raleigh, NC - Thursday, October 31st, 2019
Thursday, October 31, 2019
Hampton Inn & Suites Raleigh/Crabtree Valley
3920 Arrow Drive , Raleigh, NC 27612



07:45 AM **Registration & Breakfast**

08:00 AM **Sound Control in Construction 18 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 the International Building Code (IBC-1207) and the International Residential Code. We will Identify areas where sound control is necessary for 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 #:Soundatten18 HSW | GBCI (USGBC/CAGBC) #:920007666

09:00 AM **Coating of Aluminum Extrusions 2018-2021**

Provides an overview of aluminum extrusion coatings and includes discussions on the aluminum extrusion process; a comparison of powder and liquid coatings; an overview of the chrome and the chrome-free pretreatment processes; and, the performance objectives of AAMA testing standards.

Taylor Coley

Barrette Outdoor Living Inc. Provider #: J696

AIA #:AG101 HSW | GBCI (USGBC/CAGBC) #:920017985

10:00 AM **Break**

10:15 AM **Acetylated Wood: Durable, Stable, Sustainable Wood for Windows, Doors & Siding**

Discusses the process of wood acetylation, the resulting changes to wood, applications for this product, its green credentials and a number of case studies involving acetylated wood

Tim Svarczkopf

Accsys Technology - Titan Wood Inc. Provider #: K382

AIA #:K382 HSW | GBCI (USGBC/CAGBC) #:920007705

11:15 AM **Sintered Compact Surfaces for Building Facades - (old)**

Materials used on building facades need to withstand many things, including water, wind, sunlight, and sometimes severe weather conditions. They also need to hold up to the effects of people who may inadvertently or even intentionally cause damage. This course explains what is sintered compact surfaces, advantages and applications.

Travis Conrad

TheSize Surfaces USA LLC Provider #: 40108005

AIA #:AIAACE4012016 HSW | GBCI (USGBC/CAGBC) #:920015352

12:15 PM **Lunch**

01:15 PM

Moisture Management for Multi-Family, Mix-Use and Light Commercial

Moisture damage contributes to 90% of all building and building material failures; making the management of moisture key to building longevity. The course will discuss the movement of moisture, cover some key design issues, a better and best solution for moisture control, and how to integrate moisture control with exterior continuous insulation. After the course participants will have more tools for wall detailing.

Learning Objectives:

- Describe how moisture impacts building durability and define the mechanics of moisture movement.
- Identify common design details that can cause issues for moisture management.
- Write better specifications for moisture control utilizing better and best methods and have ASTM standard to reference for flashing openings.
- Understand the integration of a moisture control layer with exterior continuous insulation.

Tom Feret

Tamlyn Provider #: 40117877

AIA #:TAM2015 HSW | GBCI (USGBC/CAGBC) #:920017351

02:15 PM

Vinyl & Aluminum Railing Systems

The architect will learn what aluminum and structural vinyl railing systems are, how they are used in the building industry as well as the differences between ADA compliant, building code compliant and building code approved railing systems. Attendees will also be educated on the aesthetics, maintenance, safety, and security of aluminum and structural vinyl railing systems.

Taylor Coley

Barrette Outdoor Living Inc. Provider #: J696

AIA #:ENDL8 HSW | GBCI (USGBC/CAGBC) #:

03:15 PM

Break

03:30 PM

Factory Prefinishing of Exterior Building Products

Siding and exterior cladding can be factory finished, which provides up to a 30 year finish warranty, and opportunities for interesting finishes. Learn why specifiers and designers are increasingly adding a specification for factory finishing to meet the demands from their clients for beautiful exteriors with low/no maintenance on a wide range of materials.

Jeff Corneil

Woodtone Industries Provider #: 40107286

AIA #:WT2019 HSW | GBCI (USGBC/CAGBC) #:920011192

04:30 PM

OLD - Semi-underground waste management solution

Solid Waste & Recycling: The Semi-Underground Advantage For the past 24-years, semi-underground containers for solid waste & recycling collection have shifted the paradigm of traditional waste and recycling systems around the world. This course focuses on the many advantages of semi-underground collection, and the benefits that they bring from a site design perspective. We will focus on the key value features of appearance, convenience, and capacity. We will further elaborate on how these key features can increase your available building space, allow for additional parking amenities, create better traffic flow, and allow for more landscaping opportunities, all while creating a more useable and safer waste and recycling collection system. And did we mention that semi-underground systems can contribute to your LEED designation while lowering your capital and operating costs?

Tim Corcoran

Molok North America Ltd. Provider #: 920012038

AIA #:N/A HSW | GBCI (USGBC/CAGBC) #:920008855

05:30 PM

End of Program



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