



ATS CONTINUING EDUCATION SEMINAR  
Miami, FL - Wednesday, November 13th, 2019  
Wednesday, November 13, 2019  
Courtyard Marriott Miami Coral Gables  
2051 Le Jeune Rd , Coral Gables, FL 331134



07:45 AM **Registration & Breakfast**

08:00 AM **Roofing System Selection and Design (Low-Slope)**

This course will provide a comprehensive review of available roofing systems including the criteria for roof selection. Participants will review code requirements, designing for weather, and optimal system performance. Roof materials will be explained including the energy and environmental benefits of a cool-roof design and vegetative systems.

Dwight Stone

Johns Manville Provider #: K022

AIA #:005 HSW | GBCI (USGBC/CAGBC) #:920006159

09:00 AM **Building Barrier-free Showers**

Mandated requirements for ADA compliancy and demand from an aging population, is creating a growing need for barrier-free bathrooms. Today's ADA compliant bathroom no longer has to be utilitarian or "institutional" in its design. Design options are enhanced through the use of tile and innovative construction methods. The result is beautiful bathrooms that also adhere to ADA standards for accessible design.

This seminar will examine ways in which barrier-free environments can be customized to include various design elements while remaining ADA compliant. This seminar will also address why bonded waterproofing technology lends itself to the construction requirements of barrier-free design.

Rosanna Ruiz

Schluter Systems Provider #: J360

AIA #:SCHL11A HSW | GBCI (USGBC/CAGBC) #:920014972

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 Technologies - Titan Wood Inc. Provider #: K382

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

11:15 AM **Stunning Facades with Sintered Stone**

Designing a building facade, whether commercial, residential, new, or retrofit, can be both artistically enjoyable and technically complex. With an array of impressive characteristics, sintered stone helps create lighter, stronger, more durable, and more sustainable buildings. This course will demonstrate why Sintered Stone is a product of choice as it can provide the artistic appeal, technical performance, and sustainability for green construction to satisfy the wide range of needs for successful and stunning facade design.

Alex Gato

TheSize Surfaces USA LLC Provider #: 40108005

AIA #:StunFacade2020 HSW | GBCI (USGBC/CAGBC) #:920016041

12:15 PM **Lunch**

01:15 PM

## **8" Deep - Long Span Deck for use in Elevated Concrete Floor Application**

This course will provide an understanding of the attributes of 8" deep –long span deck. It will define the system, examine the overall installation process, explore the incorporation to various structural systems and define the benefits of the structural floor system.

Francois Dutil

Comslab/ Bailey Metal    Provider #: 40108035

AIA #:AIA-COMSLAB-20 HSW

02:15 PM

## **Joint Sealant Technology - Their Design and Use**

Joint sealants seal penetrations between construction elements...a critical part of the building envelope. They prevent the ingress of water/moisture into the building interior or through joints/gaps. They also play a role in the prevention of reinforced concrete corrosion, which can lead to structural failures.

John Babun

Sika Corporation    Provider #: J492

AIA #:SIKA400 HSW | GBCI (USGBC/CAGBC) #:920009462

03:15 PM

Break

03:30 PM

## **Understanding Material Hazard, Exposure and Risk in the Built Environment**

Product and materials selection is a critical aspect of the building design and construction process. A variety of factors drive materials selection decisions, including sustainability, health and wellness issues like indoor air quality, and the desire for innovative, functional, state-of-the-art building spaces that meet 21st century needs.

Learning Objectives:

- 1) Understand the differences between hazard, exposure, and risk in terms of chemical ingredients and materials selection
- 2) Recognize the limitations of hazard-only thinking when selecting building materials
- 3) Understand how to make comparisons of products based on ingredients, performance, cost and life cycle impacts
- 4) Identify the tools available to evaluate the safety of building products and materials

Jack Armstrong

American Chemistry Council (ACC)    Provider #: 50111254

AIA #:ACC301 HSW | GBCI (USGBC/CAGBC) #:920019969

04:30 PM

## **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.

Kevin Stasi

Homasote    Provider #: J582

AIA #:Soundatten18 HSW | GBCI (USGBC/CAGBC) #:920007666

05:30 PM

End of Program



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PARTNER**

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