



ATS CONTINUING EDUCATION SEMINAR
Mixed-Topics - Orlando, FL
Tuesday, October 15, 2024
Maggiano's Little Italy Point Orlando
9101 International Dr Ste 2400 , Orlando, FL
32819



07:45 AM Registration & Continental Breakfast

08:00 AM Welcome, Credits, and Certificates

08:05 AM **Concrete Slab Moisture's Impact on Roofing and How to Address It**

The concern over moisture within concrete substrate surfaces that will receive adhered roofing systems can lead to significant project schedule delays and disruptions to businesses and institutions. In fact, when it comes to time to fully enclose the building, concrete moisture vapor emission is a leading cause in delaying this vitally important critical path. Despite the disruption this issue causes, there remains significant misunderstandings across the design build industry regarding product warranties, field moisture tests, and just how long it takes concrete "to dry". During this presentation, we will discuss the current state of the body of literature as it pertains to concrete roof decks. Further, clear recommendations will be given as to how the specifying professional can proactively address concrete substrate moisture through the construction documents with strategies that support both Agenda 2030 for Sustainable Development and Net Zero by 2050: A Roadmap for the Global Energy Sector.

Harry Lubitz

ISE Logik Industries Provider #: 404108239

AIA #:ISL03O HSW

09:05 AM *Review of Session Code Process*

09:10 AM **How It's Made: Today's PVC**

PVC products have been around for 100 years. They're common in the construction industry because of their durability and long life. But old PVC manufacturing practices still cause concern for some of today's specifiers. This course will address those concerns head-on. We'll talk about today's manufacturing processes and how recycling is transforming the industry. You'll see how PVC resin becomes a strong and beautiful product using the example of vinyl fencing. With the understanding of today's regulations, collaboration, and green-building practices, you'll have the confidence to specify today's PVC products.

David Etzkin

Oldcastle APG Provider #: J545

AIA #:TodaysVinyl27 HSW | GBCI (USGBC/CAGBC) #:920029469

10:10 AM *Break*

10:20 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.

Bill Gaita

WindsorONE Provider #: T109

AIA #:ExtEnvelope23 HSW | GBCI (USGBC/CAGBC) #:920026001

11:20 AM

Managing Condensation, Water Intrusion and Energy in the Real World-1

Window opening air and water leakage has been a difficult problem for the construction industry. This course evaluates building failures, conventional construction approaches, and new developments in waterproofing techniques to show a path forward for designers seeking higher-performing wall assemblies.

Guy Long
Prosoco Provider #: J388
AIA #:PRO014-1-22 HSW

12:20 PM

Lunch

01:00 PM

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.

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

02:00 PM

Maximizing Year-Round Enjoyment with the Louvered Roof Pergola

This comprehensive course focuses on revolutionizing outdoor living spaces through the strategic use of louvered roof pergolas and a curated selection of add-ons and accessories. Participants will gain the expertise to handpick and implement a spectrum of enhancements that serve a dual purpose: they will aesthetically enrich outdoor settings and amplify their functionality for year-round enjoyment. Accompanied by demonstrative images, this course offers immersive learning experiences, equipping attendees with the necessary skills to craft appealing and adaptable outdoor environments. Embrace the cutting-edge of outdoor design and comfort, and learn to create spaces that offer a seamless blend of beauty, innovation, and practicality.

Jeffrey Camp
Renson Inc Provider #: 40108139
AIA #:6 HSW

03:00 PM

Break

03:10 PM

Advanced Florida Building Code, Existing Building 8th Edition (2023) Update

This course provides an overview of some of the most significant changes occurring in the Florida Building Code, Existing Building 8th Edition (2023)

John Farinelli, , CBO, MCP, CFM, FSI 1, LEED AP

As Co-founder and Vice President of JC Code & Construction Consultants, Inc., John has used his experience in the construction industry as a Journeyman Ironworker along with his vast knowledge of building code administration to make JC Code a leader in continuing education. He is responsible for all training program development and course instruction. As an educator, John has taught classes for electrical apprenticeship, building code and fire code continuing education, professional license exam preparation, and across the globe for the International Code Council. John is licensed/certified in the following areas: Certified Floodplain Manager (ASPFM) F.S. 468 Licensed building code administrator, plans examiner and inspector in all disciplines F.S. 468 Home Inspector F.S. 633 Licensed Fire Inspector I F.S. 633 Fire & Life Safety Educator F.S. 489 Registered Building Contractor LEED AP John is also an ICC Master Code Professional. These licenses and certifications have been proven invaluable when providing code consulting services and municipal support services to numerous governmental offices, developers, contractors, homeowners, architects, and engineers.

JC Code Provider #: 406119285

AIA #:JCCAdv8thEB HSW

05:10 PM

End



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