



ATS CONTINUING EDUCATION  
ONLINE\_SEMINAR  
Kansas City, MO - Tuesday, December 8th, 2020  
Tuesday, December 08, 2020



07:45 AM [Welcome, Credits, and Certificates](#)

08:10 AM **Understanding Wood Aesthetic Cladding and Soffit Technologies**

This learning unit will provide an in-depth overview of current “wood” design technologies natural and synthetic. - Identify current market “wood aesthetic” technologies - Understand the core materials of each technology - Understand the sustainable features and Life Cycle benefits for each technology based on the following criteria: Color Retention, Maintenance & Warranty - Describe the surface burning characteristics and explain how they can be specified to achieve code compliance - Installation Details - Budgetary Information

Yancey Hughes  
Hughes & Associates Provider #: L161  
AIA #:GL2020CS HSW

09:10 AM **Making Sense of Sealants**

Participants will learn about the different families of sealants and how to choose the correct product for each application. We will discuss the effect of UV light on sealants and the difference between structural or non structural silicon sealant. And finally, the importance of surface preparation before sealing joints.

Matt Klinge  
Adfast Provider #: 404109250  
AIA #:AdfSealant2020 HSW | GBCI (USGBC/CAGBC) #:920010342

10:10 AM [Break](#)

10:30 AM **LHT Mortar and ANSI Mortar Designations**

This session will provide a Manufacturer perspective on tile industry standards development and the new mortar classifications. We will discuss ISO designations and the new ANSI mortar designations for; non sag (T), fast set (F), extended open time (E) and the proposed new large and heavy tile mortar (H) and how can it benefit the design professional and the tile contractor in the field? What was wrong with Medium Bed? Where did the Large and Heavy Tile mortar come from?

Connie Drees  
MAPEI Corporation Provider #: J163  
AIA #:MAP047 HSW | GBCI (USGBC/CAGBC) #:920015404

11:30 AM **Sintered Compact Surfaces Basics: Design, Application & Sustainability - Neolith01**

Materials used on exterior and interior surfaces need to withstand many elements, including water, scratched, high temperatures, UV, wind, etc. Choosing a material is certainly influenced by the ability to hold up over time but also by the available size and weight, maintenance, hygiene, bending properties, recyclability, VOC, not to mention the appearance and efficient and cost-effective installation. There is one new product category that will be the focus of this course, namely Sintered Compact Surfaces that can be used for a wide variety of application interior and exterior from countertops to curtain walls applications in both residential and commercial buildings.

Travis Conrad  
TheSize Surfaces USA LLC Provider #: 40108005  
AIA #:Basics2020 HSW | GBCI (USGBC/CAGBC) #:920013572

12:30 PM Lunch

01:10 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.

Jim Grow

Homasote Provider #: J582

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

02:10 PM **Specifications Strategies to Eliminate Concrete Moisture**

In many projects, installation of floor finishes is one of the items to occur prior to substantial completion. However, 09 flooring specification sections require moisture testing before flooring can be installed on concrete slabs. When those moisture tests fail, the project faces time delays, unexpected costs, or both. During this presentation, we will: (1) give significant discussion to the importance of design intent and how losing focus on what the owner expects can lead to catastrophic consequences (2) examine several misconceptions associated with field moisture testing and project owner and design team liability associated with concrete moisture induces flooring failure; and (3) we will give clear recommendations as to how the specifying professional can eliminate concrete moisture as a project delivery issue while simultaneously protecting the project owner and design team from project delivery delays/cost overruns and future failed flooring.

Dean Craft

ISE Logik Industries Provider #: 404108239

AIA #:ISL03H HSW

03:10 PM Break

03:20 PM **Managing Condensation and Thermal Performance with Continuous Insulation**

Building codes and green building standards are continuing to raise the bar on energy efficiency and high performance in buildings. In wood-framed buildings designing for thermal and moisture management in wall cavities, as well as the air tightness of the building enclosure, are all core components to creating advanced building enclosures. This presentation will discuss the need for exterior insulation to manage heat transfer and reduce condensation in exterior walls by providing step-by-step examples of how to determine the amount of continuous insulation required to meet prescriptive code requirements depending on climate zone.

Nick Johnson

Huber Engineered Woods Provider #: K094

AIA #:HEW 503 HSW | GBCI (USGBC/CAGBC) #:920012802

04:20 PM

## High-Performance Modified Wood: Beauty Built to Last

Wood is a top material choice in construction due to its beauty and longevity. But high demand has put a strain on this natural resource, especially for the timber with greatest durability like tropical hardwoods. Today, new technology allows for the use of responsibly-sourced fast-growing timber in wood modification that yields products with the same or greater durability as those overexploited hardwoods. This course provides an overview of the wood-modification process that results in a product that's non-toxic, highly durable, Class-A Fire Rated, environment friendly, and ideal for use in indoor and outdoor applications. This course also explains how this Modified Wood contributes to LEED v4 certification.

Lisa Ayala

LIGNIA Wood Company Limited    Provider #: 404109252

AIA #: HPMW2020 HSW | GBCI (USGBC/CAGBC) #: 920022862

05:20 PM

End



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