



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

08:00 AM **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.

Criswell Davis

LIGNIA Wood Company Limited Provider #: 404109252

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

09:00 AM **Building Facade Glazing: Specify the right sealants in structural and non-structural applications.**

During our Building Façade Glazing training, 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 silicone sealants. And finally, the importance of surface preparation before sealing joints.

Denis Perron

Adfast Provider #: 404109250

AIA #:AdfGlazing HSW | GBCI (USGBC/CAGBC) #:920020391

10:00 AM [Break](#)

10:15 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?

Brian Cook

MAPEI Corporation Provider #: J163

AIA #:MAP047 HSW | GBCI (USGBC/CAGBC) #:920015404

11:15 AM

Architectural Coatings: What is in a Coatings Specification?

The Architectural Coatings industry has spent the last several years developing innovations to improve performance, durability and finish for coatings products applied to Metal Components. This seminar will update the design and construction community on the latest technologies to achieve AAMA compliance, define nomenclature, discuss characteristics of different application methods and other topics that will help to correctly specify coatings.

Arturo Lugo
Akzo Nobel Provider #: J824
AIA #:ANSpecs v1 HSW

12:15 PM

Lunch

01:15 PM

Wood Products on Exterior Envelope Solutions to assure Stability, Durability & Sustainability

At the end of this course, participants will know how to increase the durability of wood products used on building exterior envelope, understand best installation practices and differences between popular wood treatment methods. This AIA continuing education program touches on these issues and more, helping you design an exterior envelope that is durable and healthy for the home.

Corbin Rinehart
WindsorONE Provider #: T109
AIA #:T1091113 HSW | GBCI (USGBC/CAGBC) #:920012039

02:15 PM

Get Inspired! Design Smarter, Safer, and Greener with Innovation in Wood-Framed Construction

Wood is a frequently overlooked building material for light-medium-commercial construction including mid-rise, multi-family, and mixed-use projects. This course features several North American examples that highlight the surprising capabilities of this natural resource. Many architects, engineers, and project owners often default to steel and concrete instead of wood for wall, floor, and roof assemblies. This course outlines: - common misconceptions and capabilities of code-approved wood applications. - the environmental and structural benefits of this sustainable natural resource. - the virtues of wood when engineered for pre-cut and pre-assembled components. - how wood applications integrate with building codes, construction techniques, and technical support. - how choosing wood first contributes to on-time and on-schedule projects with significant cost savings.

Eli Gould

Eli graduated with one of the first dual Architecture/Forestry degrees from Yale in the early '90s, with a conviction that the two fields would eventually be more linked. After a quarter century, this seems more true and even mainstream, but for many years it was an entrepreneurial effort in the small vertical wood prefab companies he ran in Vermont, and in the automated timber industry where he often consulted. For the last three years, Eli has brought those experiences into a nonprofit market development role for QWEB. When he's not trying to transform the AEC industry into a positive climate force he enjoys small town and organic farm life in Vermont with his family.

QWEB (Quebec Wood Export Bureau) Provider #: 502111360
AIA #:QWEB01 HSW | GBCI (USGBC/CAGBC) #:920014585

03:15 PM

Break

03:30 PM

Sliding Fire Doors in an Egress Path

This course outlines the multiple ways in which sliding fire doors may be used to create open-concept designs while maintaining fire code compliance and life safety requirements. It will also cover Value Engineering uses of this product type. The information will be primarily shared through case studies of how architects have utilized the product in a multitude of projects since 1977 when the building codes first accepted the doors for use. Local fire code references, NYC code references, and the basic differences between Fire Walls, Barriers, and Partitions will be provided.

Sean Hilgeman
WonDoor Corporation Provider #: j498
AIA #:0wdfg1 HSW

04:30 PM

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

05:30 PM

End

