



ATS CONTINUING EDUCATION  
ONLINE\_SEMINAR  
Hartford, CT - Tuesday, April 28th, 2020  
Tuesday, April 28, 2020



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

08:00 AM **Wood Products on Exterior Envelope - Solutions to assure Stability, Durability & Sustainability.**

How do you increase the durability of your exterior envelope? What is considered today's best installation practices? What are the differences between popular wood treatment methods? Windsor Mill's AIA continuing education program touches on these issues and more, helping you design an exterior envelope that is durable and healthy for the home.

Antoinette Birknes

WindsorONE Provider #: T109

AIA #:WindsorExt1 HSW | GBCI (USGBC/CAGBC) #:920012039

09:00 AM **Making Sense of Sealants OLD**

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.

Denis Perron

Adfast Provider #: 404109250

AIA #:ADFAST-001 HSW | GBCI (USGBC/CAGBC) #:920010342

10:00 AM [Break](#)

10:15 AM **Spray Foam in Commercial Design**

Participants of this course will learn about the types of polyurethane spray foams in the market and how they can be incorporated into commercial construction projects to create high performance building. · Participants can describe the effect of the building code on spray foam insulation. · Participants can describe the effect of spray foam on the indoor environment. ·

Participants can explain the impact of spray foam on a building's energy performance. ·

Participants can explain the life cycle analysis of spray foam and payback periods.

Grant Ostvig

Huntsman Building Solutions Provider #: J593

AIA #:SPF201 HSW | GBCI (USGBC/CAGBC) #:920010268

11:15 AM

### **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

12:15 PM

Lunch

01:15 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.

Criswell Davis

LIGNIA Wood Company Limited Provider #: 404109252

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

02:15 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

03:30 PM

## Hand Rail Code Requirements & Design Considerations (OLD)

This course will provide the Architect with the details of railing systems code requirements and testing to ensure they meet IRC and IBC Building Codes. Integrating design elements based on materials and span limits into the structure architecture.

Mark Ouellette

Intex Millwork Solutions Provider #: 40107921

AIA #:INTEX2017HSW HSW

04:30 PM

End



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