



ATS CONTINUING EDUCATION
ONLINE_SEMINAR
Mixed Topics - Northeast Region
Wednesday, November 30, 2022



08:00 AM [Welcome, Credits, and Certificates](#)

08:05 AM **Insulated Metal Panels: Where Performance Meets Design**

Today's specifiers expect cost-effective building solutions that deliver superior performance without compromising design or the environment. This course explains how the Insulated Metal Panel (IMP) meets those expectations. You'll see the composition of the IMP and how its materials affect thermal performance, strength, and resistance to moisture, weather, and fire. The choice of materials also contributes to green-building goals at every stage of the product's life cycle. The IMP is factory assembled, assuring high quality through consistency and accuracy. Installation costs are greatly reduced because the IMP arrives to the job site ready to install in one step. And the superior thermal performance means a reduction in operating costs (not to mention reduced emissions). Lastly, this course will deliver tremendous inspiration through project examples with numerous combinations of colors, materials, textures, and even curves that meet the functionality of any building type.

Jonathan Singleton
Systems Norbec Inc Provider #: 404108750
AIA #:IMPPerform HSW | GBCI (USGBC/CAGBC) #:920025347

09:05 AM **Review of Session Code Process**

09:10 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.

Dan Garnett
Adfast Provider #: 404109250
AIA #:AdfGlazing HSW | GBCI (USGBC/CAGBC) #:920020391

10:10 AM [Break](#)

10:20 AM **Sponsor: QWEB (Quebec Wood Export Bureau) - 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.

10:30 AM

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

11:30 AM

Sound Control In Construction

In this one-hour course, design professionals will gain practical knowledge of sound control and the many healthy and safety benefits it has for architects, builders, and occupants. It will discuss building code criteria and guidelines, including strategies to meet these requirements through various methods. By the end of this course, design professionals will be able to evaluate different sound control strategies and specify ones that best fit each project's needs.

Fran Murray
Homasote Provider #: J582
AIA #: soundatten21 HSW | GBCI (USGBC/CAGBC) #: 920023554

12:30 PM

Lunch

01:10 PM

Sponsor: Lincora - Ben Desjardins

01:20 PM

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.

Corbin Rinehart
WindsorONE Provider #: T109
AIA #: ExtEnv2020 HSW | GBCI (USGBC/CAGBC) #: 920026001

02:20 PM

Break

02:30 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.

Curtis Bolton
Huber Engineered Woods Provider #: K094
AIA #: HEW 503.1 HSW

03:30 PM

Mastering Timber: How, When, and at What LOD to Introduce Carbon-Fixing Assemblies into Architectural Design

Introduce wood structure and biogenic material alternatives at the proper level of detail in schematic design.

Eli Gould

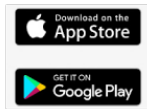
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QWEB (Quebec Wood Export Bureau) Provider #: 502111360

AIA #:MasterTimber HSW

04:30 PM

End



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