



08:00 AM [Welcome, certificate & credit reporting instructions](#)

08:05 AM **Wood Glazed Facades in Net-Zero and Passive Buildings**

Architects and LEED professionals understand the numerous benefits of building with wood. But, many are unaware of its application in a timber curtain wall (TCW). Today's technology provides opportunities to incorporate the beauty and energy-efficiency of wood into glazed facades that not only bring the outdoors in but also serve as the building's heavy lifter. This course will present the differences between a conventional curtain wall and a timber curtain wall (TCW) including load-bearing and non-load-bearing capabilities as well as net-zero and passive building. We will also show example of projects using TWC.

Jim O'Connor

Unicel Architectural Corp Provider #: 404109249

AIA #:IC2tech2020 HSW | GBCI (USGBC/CAGBC) #:920019926

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

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) #:920026367

10:10 AM [Break](#)

10:20 AM [Sponsor: QWEB - Eli Gould](#)

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.

Bill Roper

ISE Logik Provider #: 404108239

AIA #:ISL03H HSW | GBCI (USGBC/CAGBC) #:

11:30 AM

High-Performance Glass and Aluminum Building Envelopes

This course provides a comprehensive understanding of the glass-aluminum building envelope featured in high-rise construction. We'll review the three main types of curtain walls and the installation process for each. Design and functionality will be addressed specifically to project objectives along with the environment-conscious benefits of using glass and aluminum. Lastly, the course will review how to avoid moisture, temperature, and other pitfalls and failures in curtain-wall installation.

Dmitry Avramenko
Alumin Techno Provider #: 404109291
AIA #:AluTech01 HSW | GBCI (USGBC/CAGBC) #:920021394

12:30 PM

Lunch

01:10 PM

Sponsor to be announced

01:20 PM

Sustainable Exterior Envelope

This course focus 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.

Dave Rogers
WindsorONE Provider #: T109
AIA #:ExtEnv2020 HSW | GBCI (USGBC/CAGBC) #:O-ExtEnv2022

02:20 PM

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 | GBCI (USGBC/CAGBC) #:

03:20 PM

End



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