



**America
Training
Solutions**

ATS CONTINUING EDUCATION SEMINAR
Columbus, OH - Thursday, October 10th, 2019
Thursday, October 10, 2019
DoubleTree Suites by Hilton Columbus Downtown
- Cardinal Room
50 S. Front Street , Columbus, OH 43215



07:45 AM **Registration & Breakfast**

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.

Devin Darnell

WindsorONE Provider #: T109

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

09:00 AM **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.

Rob Fohl

Homasote Provider #: J582

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

10:00 AM **Break**

10:15 AM **Acetylated Wood: Durable, Stable, Sustainable Wood for Windows, Doors & Siding**

Discusses the process of wood acetylation, the resulting changes to wood, applications for this product, its green credentials and a number of case studies involving acetylated wood

Tim Svarczkopf

Accsys Technology - Titan Wood Inc. Provider #: K382

AIA #:K382 HSW | GBCI (USGBC/CAGBC) #:920007705

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

Rigid Insulation Product Knowledge & Uses

This course will review an in-depth breakdown of the current uses of rigid insulation in the construction industry. The attendees will learn more about the differences of rigid insulation products and the recommended uses of each product type. Discussion points to include the changes of the current energy codes and the requirements for the use of continuous insulation in the majority of future projects. The participant will be able to better evaluate their current building assemblies and understand the requirements that are dictated by current codes.

Lee Bybee

Ox Engineered Products Provider #: 40107972

AIA #:OXAIA401 HSW | GBCI (USGBC/CAGBC) #:920011917

02:15 PM

Break

02:30 PM

PVC Roofing Materials - Performance, Construction, Functionality

Course will describe the many benefits of using a white reflective PVC roofing membrane for the benefit of saving energy and reducing the use of fossil fuels. The decision of which buildings to use PVC roofs will be discussed on how the uses tie into the building use to minimize occupant disruption.

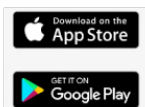
Andrew Line

Versico Roofing Systems Provider #: K031

AIA #:PVC301-VER HSW | GBCI (USGBC/CAGBC) #:920021724

03:30 PM

End of Program



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