



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

08:10 AM **Acetylated Wood: Discover the Difference for Siding, Decking, and More (2020)**

This course discusses the process of wood acetylation, the resulting changes to wood, applications for acetylated wood, its green credentials and a number of case studies involving acetylated wood.

Tim Svarczkopf

Accsys Provider #: K382

AIA #:Accoya2020 HSW | USGBC/GBCI #:920022858 | Other Credit:

09:10 AM **Coating of Aluminum Extrusions**

Provides an overview of aluminum extrusion coatings and includes discussions on the aluminum extrusion process; a comparison of powder and liquid coatings; an overview of the chrome and the chrome-free pretreatment processes; and, the performance objectives of AAMA testing standards.

Taylor Coley

Barrette Outdoor Living Inc. Provider #: J696

AIA #:AG1012020 HSW | USGBC/GBCI #:920017985 | Other Credit:

10:10 AM [Break](#)

10:20 AM [Sponsor: Art Massif Wood Structure - Geneviève Constancis](#)

10:30 AM **Canadian Hardwoods -Beauty, Durability and Sustainability.**

Canadian hardwood lumber and flooring provide architects with everything they need to create beautiful, practical and durable projects and accessories, while fulfilling the need and desire to meet sustainability and green building requirements. In this presentation, we will highlight that Canadian hardwoods are the material of choice to provide durability and natural elegance, as a renewable material for commercial and high end residential projects.

Criswell Davis

Canadian Hardwood Bureau Provider #:

AIA #:CHB0821 HSW | USGBC/GBCI #: | Other Credit:

11:30 AM **Eliminating Concrete Moisture through Sustainable Design**

Few aspects of the design process are conducted in "silos" as disassociated from one another as how many projects approach interior concrete slab specifications and subsequent flooring specification sections. This is not done intentionally, rather it is by-product of lack of coordination, and fundamental misunderstanding, between those involved with the structural elements and those involved with the aesthetic and finishing elements. During this presentation, we will discuss sustainability and what it means; drawing the attendee into a clear discussion of how sustainability relates to LEED, Lean Construction, Green Building, and process improvement. Inconsistencies with current specification processes related to concrete moisture as compared to the tenets of sustainability will be exposed, with clear recommendations given as to how the specifying professional can resolve those disconnects.

Dean Craft

ISE Logik Industries, Inc. Provider #: 404108239

AIA #:ISL03K HSW | USGBC/GBCI #: | Other Credit: 1 IDCEC

12:30 PM [Lunch](#)

01:10 PM

LEED Pilot Credit #103: Integrative Analysis of Building Materials

In the materials selection process, builders seek to balance numerous product performance attributes, including durability, aesthetics and health, safety and environmental impacts. Transparency and life cycle thinking are central components of a robust materials selection process, one that enables builders to choose the most appropriate materials for their project. The U.S. Green Building Council now offers an innovative LEED pilot credit (#103), Integrative Analysis of Building Materials, to encourage building project teams to evaluate products and materials using available life cycle information to identify those that have positive environmental, health and safety impacts. The credit informs project team decisions by providing access to information shared by building materials manufacturers on their product's life cycle impacts.

Jack Armstrong

American Chemistry Council (ACC) Provider #: 50111254

AIA #:ACC-302 HSW | USGBC/GBCI #:920001482 | Other Credit:

02:10 PM

Break

02:20 PM

Vinyl in Design: The Material for 21st Century Building & Construction

Vinyl plays a major role in the design and construction of modern buildings. It contributes to sustainability, wellness and resilience of people and their communities. This session will demonstrate the importance of achieving client performance goals using thoughtful, multi-attribute material selection criteria. Learning Objectives: 1. How vinyl is made, most versatile plastic in construction 2. Three parts of sustainability, how resilience enables people and communities to bounce back 3. Understanding disclosure and optimization, selection criteria, hazard, exposure, risk 4. Role of materials in health and wellness 5. Industry improvements, best practice, aspirations for a sustainable future

Jack Armstrong

Vinyl Institute Provider #: K012

AIA #:VID-620-VI HSW | USGBC/GBCI #:0920019970 | Other Credit:

03:20 PM

Sustainable Exterior Envelope

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 #:ExtEnv2020 HSW | USGBC/GBCI #:920012039 | Other Credit:

04:20 PM

End



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AIA
Continuing
Education
Provider

