



ATS CONTINUING EDUCATION
ONLINE_SEMINAR
Mixed Topics - States of New York & New Jersey -
Eastern Time Zone
Thursday, September 02, 2021



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

08:10 AM **Reviving the Lost Art of Moldings**

This course examines historic moldings to appreciate the genius behind their design and application. It will explore the reality of modern wood resources and the direct relationship with Today's manufacturing process, as well as the use of historic moldings in Today's real world applications.

Corbin Rinehart
WindsorONE Provider #: T109
AIA #:LostArt2020HSW HSW

09:10 AM **Coating of Aluminum Extrusions 2018-2021**

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 #:AG101 HSW | GBCI (USGBC/CAGBC) #:920017985

10:10 AM [Break](#)

10:30 AM **Introduction to Engineered Glazed Timber Curtain Wall**

Architects and Construction professionals understand the numerous benefits of building with wood. But, many are unaware of its application for a GLAZED TIMBER CURTAIN WALL (TCW). Today's advanced glazing technology provides opportunities to incorporate the beauty and energy-efficiency of wood into glazed facades that not only bring the outdoors in but also can serve as the building's heavy lifter. This course will present the differences between a conventional non-load-bearing curtain wall and a timber curtain wall (TCW) with load-bearing and non-load-bearing capabilities. We will also show applications of Timber projects using glulam mullions in North America.

Jim O'Connor
A construction executive and building envelope professional with a focus on architectural facades, windows, and high-performance cladding & rainscreen systems. Experienced with architectural structures, building envelopes and luxury residential & high end commercial building products. Experienced management executive with an understanding of construction practices and installation techniques. Possessing strong solution-oriented and outcomes based selling skills and the ability to develop strong relationships with Architects, CMs, General Contractors, Building Envelope Consultants, and Subcontractors.
Unicel Architectural Corp Provider #: 404109249
AIA #:IC2tech2020 HSW | GBCI (USGBC/CAGBC) #:920019926

11:30 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.

Andrew Dingman

LAMCO Forest Products Provider #:

AIA #:QWEB01 HSW | GBCI (USGBC/CAGBC) #:920014585

12:30 PM

Lunch

01:10 PM

An Introduction to Magnesium Oxide Board

MGO Board represents a quantum shift in sheet building technology and has been designed to replace plywood, OSB, fiber cement and gypsum based sheet building products. The proprietary design and formula offers superior structural and high-impact strength, stiffness, durability and fire-resistance. MGO Board ingredients are 100% inorganic, resulting in a dimensionally stable building product with unparalleled resistance to environmental exposure, thus allowing you to build more for less, in any season.

Curtis Bolton

Huber Engineered Woods Provider #: K094

AIA #:MGO101B HSW

02:10 PM

Benefits of Ultra Low Permeability Concrete in the Building Envelope – An Integral Approach.

The exceptional durability of portland cement concrete is a major reason why it is the world's most widely used construction material. But material limitations, design and construction practices, and severe exposure conditions can cause concrete to deteriorate, which may result in aesthetic, functional, or structural problems. The Portland Cement Association prescribes proper concrete coverage of reinforcing steel and a Low Permeability concrete mix design as the primary goals for "Best Practice". A talented, seasoned contractor is the answer to the first.....Vapor Lock enhanced concrete may be a reasonable answer to the second.

Scott Bergsbaken

SPG (Specialty Products Group) Provider #: K540

AIA #:SPG003 HSW | GBCI (USGBC/CAGBC) #:920014710

03:10 PM

Break

03:20 PM

Fire-Retardant-Treated Wood in Today's Building Code

This session is a discussion of fire-retardant-treated wood's technical characteristics and building code-related applications. Emphasis is placed on the testing and labeling required by the International Building Code. The building code, as with many products, regulates the use of wood in construction. Two broad categories separate materials: combustible and noncombustible. Codes limit the applications of combustible materials on the basis of fire and life safety. The question is then, are there options available to using wood in lieu of a noncombustible material. Fire Retardant Treated Wood (FRTW) provides that option. Codes recognize FRTW for many applications where a noncombustible material is mandated.

Jim Gogolski

Hoover Treated Wood Products Provider #: J583

AIA #:1FRTW HSW | GBCI (USGBC/CAGBC) #:920007678

04:20 PM

End



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