ATS CONTINUING EDUCATION SEMINAR
2023 Mixed-Topics - Live In-Person - Minneapolis, MN
Thursday, June 01, 2023
McCormick & Schmick's Seafood & Steaks
3203 Galleria , Edina,, MN 55435

07:45 AM Registration & Continental Breakfast

08:00 AM **MgO Sheathing for Exterior Wall Assemblies in Commercial Wood Frame Projec_**

Material requirements for exterior sheathing and balancing structural performance with fire-resistance ratings of exterior walls can present unique challenges for wood frame projects. This course investigates the use of MgO sheathing panels for exterior wall applications in wood frame projects of Type III and V Construction. We begin with an overview of the MgO material properties and characteristics of MgO panels that make them uniquely suited for use as exterior sheathing. We'll discuss how MgO panels meet code requirements for exteriors walls in these applications, including compliance with NFPA 285. Structural performance, specific fire-resistance ratings of assemblies and cladding application is included in this discussion.

Brian Shores
Huber Engineered Woods Provider #: K094
AIA #:HEW 305.1 HSW | GBCI (USGBC/CAGBC) #:

09:00 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 | GBCI (USGBC/CAGBC) #:

10:00 AM Break

10:10 AM **Designing for Sound Control: Effective, GREEN, Principles and Practices**

In this one-hour course, design professionals will gain practical knowledge of effective principles of sound control and how they can be applied to the design of wall and floor/ceiling assemblies. We will discuss building code criteria and guidelines, including strategies to meet these requirements utilizing cellulosic fiberboard. By the end of this course, design professionals will be able to specify optimal sound control strategies that best fit each project's needs.

Chris Hill
Homasote Provider #: J582
AIA #:soundatten24 HSW | GBCI (USGBC/CAGBC) #:920027579

11:10 AM **Specifying Vinyl and Aluminum Railing Systems**

This course provides an understanding of vinyl and aluminum railing systems including components and assembly. We'll review ADA-compliance requirements for the graspable handrail and code requirements specific for rail systems, dictated by the ICC. We'll discuss the common benefits of vinyl and aluminum railings including safety, durability, low maintenance, high strength, and flexible design. The environment-conscious elements of these railing systems including materials selection, manufacturing processes, and LEED contribution will be described. Lastly, this course provides ideas and applications appropriate for vinyl and aluminum railing systems.

Taylor Coley
Barrette Outdoor Living Inc. Provider #: J696
AIA #:Vinyl23 HSW | GBCI (USGBC/CAGBC) #:

12:10 PM Lunch

01:10 PM End