ATS CONTINUING EDUCATION SEMINAR
Mixed-Topics - New York, NY
Tuesday, September 10, 2024
American Management Association (AMA)
1601 Broadway 6th Floor , New York City, NY 10019

07:45 AM Registration & Continental Breakfast

08:00 AM Welcome, Credits, and Certificates

08:05 AM **How It's Made: Today's PVC**

PVC products have been around for 100 years. They're common in the construction industry because of their durability and long life. But old PVC manufacturing practices still cause concern for some of today's specifiers. This course will address those concerns head-on. We'll talk about today's manufacturing processes and how recycling is transforming the industry. You'll see how PVC resin becomes a strong and beautiful product using the example of vinyl fencing. With the understanding of today's regulations, collaboration, and green-building practices, you'll have the confidence to specify today's PVC products.

Taylor Coley
Oldcastle APG Provider #: J545
AIA #:TodaysVinyl27 HSW | GBCI (USGBC/CAGBC) #:920029469

09:05 AM *Review of Session Code Process*

09:10 AM **Acetylated Wood: A Natural and Durable Choice for Siding, Decking, and More**

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

Remy Torrico
Accsys Technology - Titan Wood Inc. Provider #: K382
AIA #:AccoyaWood27 HSW | GBCI (USGBC/CAGBC) #:0920029700

10:10 AM Break

10:20 AM **The Benefits of 100% Offsite Fabricated Stainless Steel Railing Systems**

Explore the **advantages of integrating 100% offsite fabricated** and custom-designed stainless steel railing systems into your projects.

Due to its durability, recyclability, and resistance to the environment, stainless steel is the professionals' preferred choice offering longevity and low maintenance.

Offsite fabrication of architectural products streamlines construction processes, **improving** timelines, and **reducing** waste and costs while dramatically **increasing** product quality.
If that's one of your goals, *how can architects, engineers, and designers help their builders and general contractors succeed in this matter?*
To the greatest extent possible, specify architectural products that are fabricated 100% offsite (prefabricated), and delivered to the Jobsite ready-to-be-installed.

Discover a solution that redefines efficiency and design flexibility.

Milena Martinez Vega
Marketing Coordinator | Brand Strategist Milena is a passionate professional with a deep understanding of the visual impact that stainless steel railing can bring to any architectural project. Originally from Barcelona, Spain, Milena moved to the United States in 2009 in pursuit of her career aspirations. With a keen eye for aesthetics and a passion for design, Milena joined AGS Stainless, a renowned custom-designed stainless steel railing manufacturer, in 2014. Over the past eight years, Milena's dedication and enthusiasm have driven her to explore various roles within AGS Stainless, starting as an Estimator to a Sales Development Representative and currently as a Brand Strategist and Marketing specialist. Her attention to detail and commitment to excellence earned her recognition within the organization.
AGS Stainless Inc. Provider #: 404108593
AIA #:PRSv2 HSW | GBCI (USGBC/CAGBC) #:

11:20 AM **Making Sense of Sealants**

Participants will learn about the different families of sealants and how to choose the correct product for each application.

Dan Garnett
Adfast Provider #: 404109250
AIA #:AdfSealants23 HSW | GBCI (USGBC/CAGBC) #:920025313

12:20 PM Lunch

01:00 PM **Designing Low Voltage Technology Infrastructure Spaces**

Modern environments such as classrooms, collaboration, meeting and board rooms have seen a transformation in both their overall layout and how they are being utilized, post pandemic. Low voltage systems, IT, AV, and building managements systems in the past were stand alone systems and this isolation between them caused issues for the users experience in a negative way. By working together on the early design phases, this will eliminate many challenges for designers and engineers planning a space layout. Audiovisual and data applications in various spaces will be covered, and the connectivity requirements associated with them for onsite and remote applications. This presentation will show how combining facility management, IT and AV teams on the usage of the spaces early in the process will enhance the user's experiences. A variety of ceiling, wall and floor boxes as cable management solutions will be addressed. The different features of these boxes will be covered, as well as UL requirements, electrical issues, the merging of technology aesthetics and developments in connectivity will also be discussed. Various connectivity and cable management solutions within tables and other furniture will be covered.

Glenn Collinge
FSR Inc Provider #: J721
AIA #:FSR 727 HSW | GBCI (USGBC/CAGBC) #:

02:00 PM **Performance Criteria Considerations for Windows and Curtain Walls for Large Buildings**

The most common and costly problems associated with the in-service performance of the vertical building envelope of large buildings are related primarily with excessive air leakage and water intrusion. In particular, windows and curtain walls, as well as their interface with the adjacent wall construction, are determining elements in the performance of the vertical building envelope. Improved standards and design principles have contributed in significantly improving the performance of window and curtain wall systems, whether it is with respect to resistance to water penetration, air leakage resistance, wind load resistance or condensation resistance. The reality, however, is that many buildings of recent construction are still experiencing problems with the in-service performance of installed window and curtain wall systems. Typically, these problems are often the result of poor installation, fabrication and lack of adequate quality control. This presentation shall focus on evaluating the laboratory and field performance of windows and curtain walls of large buildings 1) during the early stages of construction to validate as-built design and 2) during later construction stages as a quality control measure.

Mario Goncalves
Lessard Group Provider #: A018
AIA #:LessardCW24 HSW | GBCI (USGBC/CAGBC) #:

03:00 PM Break

03:10 PM **Sustainable Exterior Envelope**

This course focuses 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.

Corbin Rinehart
WindsorONE Provider #: T109
AIA #:ExtEnvelope23 HSW | GBCI (USGBC/CAGBC) #:920026001

04:10 PM **Thermally Modified Wood as a Sustainable, Biophilic Product Choice for Architects and Designers**

This Course examines the use of thermally modified woods in sustainable building practices. Through this course, participants will gain a comprehensive understanding of the thermally modified wood process, its environmental benefits, and its applications in architectural design. We will explore the science behind thermal modification, its impact on wood properties, and its advantages over traditional wood treatments. Additionally, the course will address key considerations for specifying, installing, and maintaining thermally modified wood products, equipping attendees with the knowledge needed to incorporate this innovative material into their projects. Discover how thermally modified woods are reshaping the landscape of sustainable construction and contributing to a greener future.

Lisa Ayala
GMX Group - Maximo Thermowood Provider #: 10093159
AIA #:GMXThermWood27 HSW | GBCI (USGBC/CAGBC) #:0920029828

05:10 PM End