ATS CONTINUING EDUCATION
ONLINE_SEMINAR
Hot Topic - Building Green: Products that Support Sustainable Design - Central Time Zone
Tuesday, March 02, 2021

08:00 AM Welcome, certificate & credit reporting instructions

08:10 AM **Understanding Wood Aesthetic Cladding and Soffit Technologies**

This learning unit will provide an in-depth overview of current “wood” design technologies natural and synthetic. - Identify current market “wood aesthetic” technologies - Understand the core materials of each technology - Understand the sustainable features and Life Cycle benefits for each technology based on the following criteria: Color Retention, Maintenance & Warranty - Describe the surface burning characteristics and explain how they can be specified to achieve code compliance - Installation Details - Budgetary Information

Yancey Hughes
Hughes & Associates Provider #: L161
AIA #:GL2020CS HSW | GBCI (USGBC/CAGBC) #:

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 | GBCI (USGBC/CAGBC) #:920017985

10:10 AM Break

10:20 AM Sponsor: LAMCO Forest Products - Andrew Dingman

10:30 AM **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 | GBCI (USGBC/CAGBC) #:920001482

11:30 AM **Incorporating Sustainable Materials Into Commercial Restroom Design**

Learn about HDPE, it's physical attributes, composition, design options and sustainable contributions to the design and construction of any project. We'll also discuss at why product transparency and responsible manufacturing are important considerations when specifying a sustainable product.

Greg Borgia
Scranton Products Provider #: 40107701
AIA #:ISP10K HSW | GBCI (USGBC/CAGBC) #:920008710

12:30 PM Lunch

01:10 PM **Acoustic Door Assemblies and Their Role in Sound Control**

Sound control is a critical element to a building's design. How an occupant will use the space must be understood in order to deliver a healthy and functional environment free of noise. Is speech privacy important? Is this a learning environment? Does the office open to a manufacturing floor? We all think of the walls, ceiling, and floor when discussing sound attenuation. But we must not overlook the importance of an acoustic-door assembly. Without the proper acoustic door, the sound-control goals in an acoustic plan may not be met. This course will review healthy sound levels and how to test and identify target STC ratings. We'll discuss the elements of the acoustic-door assembly and how the assembly addresses fire-ratings and ADA compliance, contributes to LEED certification and green building, and provides security for classified files and electronic data.

Jack Shinder
Ambico Ltd. Provider #: J834
AIA #:AAD001 HSW | GBCI (USGBC/CAGBC) #:920024242

02:10 PM Break

02:20 PM **Understanding Advanced Wall Systems with Continuous Insulation**

This session explores evolving trends in building enclosure technology, and subsequent changes in energy efficient building design; with especial focus on the role of continuous exterior insulation (CI). The net energy savings realized in a properly insulated building are by now well understood, and these savings are increasingly being required by stringent local building and energy codes. Current building science research and field monitoring data will be presented, to demonstrate how the effective R value of various insulating materials perform and change in differing regional climates, temperature ranges, and seasonal conditions. Strategies for designing and constructing highly insulated and cost effective wall assemblies while still minimizing thermal bridging are also discussed.

Robert Blount
Rockwool Provider #: K269
AIA #:RWNA202 HSW | GBCI (USGBC/CAGBC) #:920023529

03:20 PM **Factory Prefinishing of Exterior Building Products**

Siding and exterior cladding can be factory finished, which provides up to a 30 year finish warranty, and opportunities for interesting finishes. Learn why specifiers and designers are increasingly adding a specification for factory finishing to meet the demands from their clients for beautiful exteriors with low/no maintenance on a wide range of materials.

Mike Pidlisecky
Woodtone Industries Provider #: 40107286
AIA #:WT2019 HSW | GBCI (USGBC/CAGBC) #:920011192

04:20 PM End

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