



ATS CONTINUING EDUCATION
ONLINE_SEMINAR
Houston, TX - Thursday, April 16th, 2020
Thursday, April 16, 2020



07:45 AM [Welcome, Credits, and Certificates](#)

08:00 AM **Working through the details: Storefront Vs. Curtain Wall**

This course will explain the differences between storefront and curtain wall designs and functions while exploring the areas of performance, cost, and applications. This session will allow the participant to discover new materials and methods, reinforcing the design intent while enhancing the architectural viewpoint.

Ken Martinek
Arcadia Provider #: T099
AIA #:KRH-1 HSW | GBCI (USGBC/CAGBC) #:920010541

09:00 AM **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.

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

10:00 AM [Break](#)

10:15 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

11:15 AM **Composite Wood Products in Cladding and Architectural Trim**

Wood-plastic composite products offer a compelling alternative to traditional wood cladding and architectural trim. These products replicate the look of natural wood but offer superior color retention and life-cycle performance while requiring little to no maintenance. This learning unit will provide an overview of wood-plastic composite cladding and trim, with an emphasis on the sustainability benefits.

Yancey Hughes
Hughes & Associates Provider #: L161
AIA #:GLWPC001 HSW | GBCI (USGBC/CAGBC) #:920005727

12:15 PM [Lunch](#)

01:15 PM

Adhered Manufacture Stone Veneer – Manufacturing & Installation Process

This program provides an overview of the manufacturing process, features and types of stone veneer products, including a discussion of the installation and design considerations to facilitate a successful installation.

Tonya Owen

Coronado Stone Products Provider #: J660

AIA #:CORO02 HSW | GBCI (USGBC/CAGBC) #:

02:15 PM

Specifications Strategies to Eliminate Concrete Moisture

In many projects, installation of floor finishes is one of the items to occur prior to substantial completion. However, 09 flooring specification sections require moisture testing before flooring can be installed on concrete slabs. When those moisture tests fail, the project faces time delays, unexpected costs, or both. During this presentation, we will: (1) give significant discussion to the importance of design intent and how losing focus on what the owner expects can lead to catastrophic consequences (2) examine several misconceptions associated with field moisture testing and project owner and design team liability associated with concrete moisture induces flooring failure; and (3) we will give clear recommendations as to how the specifying professional can eliminate concrete moisture as a project delivery issue while simultaneously protecting the project owner and design team from project delivery delays/cost overruns and future failed flooring.

Dean Craft

ISE Logik Industries Provider #: 404108239

AIA #:ISL03H HSW | GBCI (USGBC/CAGBC) #:

03:30 PM

Understanding Material Hazard, Exposure and Risk in the Built Environment

Product and materials selection is a critical aspect of the building design and construction process. A variety of factors drive materials selection decisions, including sustainability, health and wellness issues like indoor air quality, and the desire for innovative, functional, state-of-the-art building spaces that meet 21st century needs.

Learning Objectives:

- 1) Understand the differences between hazard, exposure, and risk in terms of chemical ingredients and materials selection
- 2) Recognize the limitations of hazard-only thinking when selecting building materials
- 3) Understand how to make comparisons of products based on ingredients, performance, cost and life cycle impacts
- 4) Identify the tools available to evaluate the safety of building products and materials

Jack Armstrong

American Chemistry Council (ACC) Provider #: 50111254

AIA #:ACC301 HSW | GBCI (USGBC/CAGBC) #:920019969

04:30 PM

Air, Water and Moisture Management in the Light Commercial Building Envelope

A study of how air leakage affects thermal performance and how moisture is managed in typical light commercial construction. Study focuses on roof and wall applications. Also includes discussion about some of the shortcomings of traditional methods and introduces alternative solutions of protecting the structure from air and moisture intrusion.

Nick Schiro

Huber Engineered Woods Provider #: K094

AIA #:HEW502 HSW | GBCI (USGBC/CAGBC) #:920007703

05:30 PM

End



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