



**America  
Training  
Solutions**

ATS CONTINUING EDUCATION SEMINAR  
New Orleans, LA - Tuesday, December 3rd, 2019  
Tuesday, December 03, 2019  
Hilton Garden Inn New Orleans Convention Center  
- Magnolia Camellia Room  
1001 S. Peters Street , New Orleans, LA 70130



07:45 AM **Registration & Breakfast**

08:00 AM **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

09:00 AM **Wood Products on Exterior Envelope - Solutions to assure Stability, Durability & Sustainability.**

How do you increase the durability of your exterior envelope? What is considered today's best installation practices? What are the differences between popular wood treatment methods? Windsor Mill's AIA continuing education program touches on these issues and more, helping you design an exterior envelope that is durable and healthy for the home.

Devin Darnell

WindsorONE Provider #: T109

AIA #:WindsorExt1 HSW | GBCI (USGBC/CAGBC) #:920012039

10:00 AM **Break**

10:15 AM **Introductions to coatings**

You don't have to be an architect or facility manager to know that various environments put every building material and surface through some of the most rigorous, day-to-day durability challenges. But, if you are part of the team specifying these materials and surfaces, it helps to know which finishes are the most sustainable, weather resistant to the elements of the selected environment, and which will be easiest to maintain for the duration of the buildings life. The architectural industry most often relies on two types of finishes-anodize and paint. Both can offer a long-lasting finish on building materials and surfaces, but each has its own characteristics inherent in its appliion. As an architect, specifier, contractor, or other member of the building community, Linetec's presentation will help you better understand field performance of architectural Kynar 500 (PVDF) paints, baked enamels, powder coating and anodize finishes including strengths, weaknesses , weatherability and sustainability. The anodize, paint and powder coat processes, specifications and performances are explained to the audience. In addition, a summary comparison of all three finish types, referencing AAMA specifications, are discussed during the program. Whether building a new facility, renovating an existing one or simply updating a specific area, taking the care in selecting the finish for your aluminum building products and surfaces will assure the longest lifespan for your project. Much more than enhancing appearance, your finish specification can make the difference in durability and lasting performance for many years ahead.

Phil Bauer

Linetec Provider #: K497

AIA #:LIN001 HSW | GBCI (USGBC/CAGBC) #:920009062

**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 - Coverings2020**

**01:15 PM Vinyl for the 21st Century**

Vinyl is the most widely used plastic in building and construction. For modern buildings and infrastructure, the life-cycle multi-attributes solutions blend sustainability, wellness and resilience for people and their communities.

Jean-Christophe Gaudette  
Vinyl Institute Provider #: K012  
AIA #:VID-620-VI HSW | GBCI (USGBC/CAGBC) #:920019970

**02:15 PM Break**

**02:30 PM 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

**03:30 PM End of Program**

