



ATS CONTINUING EDUCATION
ONLINE_SEMINAR
Boston, MA - Thursday, April 30th, 2020
Thursday, April 30, 2020



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

08:00 AM **High-Performance Glass: Putting The Building To Work**

This one-hour presentation will explain the basics of glass and its relationship with sunlight. With this understanding, we'll review glass-fabrication options that provide the numerous benefits that put your windows to work for the building. And, we'll review how the right glass contributes to green-building design. Maximizing natural light, reducing heat gain, safety, security, sound control, and design-build that ensures that the glass you specify is an asset to the building.

Greg Divona

Prelco Provider #:

AIA #:HiperfGlass HSW | GBCI (USGBC/CAGBC) #:920015324

09:00 AM **Building Façade Glazing: Specify the right sealants in structural and non-structural applications.**

During our Building Façade Glazing training, participants will learn about the different families of sealants and how to choose the correct product for each application. We will discuss the effect of UV light on sealants and the difference between structural or non structural silicone sealants. And finally, the importance of surface preparation before sealing joints.

Denis Perron

Adfast Provider #: 404109250

AIA #:AdfGlazing HSW | GBCI (USGBC/CAGBC) #:920020391

10:00 AM [Break](#)

10:15 AM **High-Performance Modified Wood: Beauty Built to Last**

Wood is a top material choice in construction due to its beauty and longevity. But high demand has put a strain on this natural resource, especially for the timber with greatest durability like tropical hardwoods. Today, new technology allows for the use of responsibly-sourced fast-growing timber in wood modification that yields products with the same or greater durability as those overexploited hardwoods. This course provides an overview of the wood-modification process that results in a product that's non-toxic, highly durable, Class-A Fire Rated, environment friendly, and ideal for use in indoor and outdoor applications. This course also explains how this Modified Wood contributes to LEED v4 certification.

Criswell Davis

LIGNIA Wood Company Limited Provider #: 404109252

AIA #:HPMW2020 HSW | GBCI (USGBC/CAGBC) #:920022862

11:15 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.

Antoinette Birknes

WindsorONE Provider #: T109

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

12:15 PM [Lunch](#)

01:15 PM

Spray Foam in Commercial Design

Participants of this course will learn about the types of polyurethane spray foams in the market and how they can be incorporated into commercial construction projects to create high performance building. · Participants can describe the effect of the building code on spray foam insulation. · Participants can describe the effect of spray foam on the indoor environment. · Participants can explain the impact of spray foam on a building's energy performance. · Participants can explain the life cycle analysis of spray foam and payback periods.

Grant Ostvig

Huntsman Building Solutions Provider #: J593

AIA #:SPF201 HSW | GBCI (USGBC/CAGBC) #:920010268

02:15 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.

Jack Armstrong

Vinyl Institute Provider #: K012

AIA #:VID-620-VI HSW | GBCI (USGBC/CAGBC) #:920019970

03:15 PM

Break

03:30 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

04:30 PM

Stunning Facades with Sintered Stone

Designing a building facade, whether commercial, residential, new, or retrofit, can be both artistically enjoyable and technically complex. With an array of impressive characteristics, sintered stone helps create lighter, stronger, more durable, and more sustainable buildings. This course will demonstrate why Sintered Stone is a product of choice as it can provide the artistic appeal, technical performance, and sustainability for green construction to satisfy the wide range of needs for successful and stunning facade design.

Travis Conrad

TheSize Surfaces USA LLC Provider #: 40108005

AIA #:StunFacade2020 HSW | GBCI (USGBC/CAGBC) #:920016041

05:30 PM

End

