



**America
Training
Solutions**

ATS CONTINUING EDUCATION SEMINAR
Indianapolis, IN - Wednesday, August 23rd, 2017
Wednesday, August 23, 2017
Crowne Plaza Indianapolis Downtown Union
Station
Crowne Plaza Indianapolis Downtown Union
Station, 123 W Louisiana St, Indianapolis, IN
46225



07:45 AM **Registration & Breakfast**

08:00 AM **Managing Condensation and Thermal Performance with Continuous Insulation**

Building codes and green building standards are continuing to raise the bar on energy efficiency and high performance in buildings. In wood-framed buildings designing for thermal and moisture management in wall cavities, as well as the air tightness of the building enclosure, are all core components to creating advanced building enclosures. This presentation will discuss the need for exterior insulation to manage heat transfer and reduce condensation in exterior walls by providing step-by-step examples of how to determine the amount of continuous insulation required to meet prescriptive code requirements depending on climate zone.

Brian Shores
Huber Engineered Woods Provider #: K094
AIA #:HEW 503 HSW | GBCI (USGBC/CAGBC) #:920012802

09:00 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

10:00 AM **Break**

10:15 AM **Mitigating Thermal Bridging with Fluid-Applied Coatings**

It has become more and more evident that the performance of the building envelope can be greatly affected by thermal bridging. This presentation will discuss the use of fluid-applied coatings as a new and innovative solution to minimize thermal bridging in both new and existing buildings. We will cover some key areas of concern where a fluid-applied coating can be utilized without altering the structural design elements of the building and help in saving the owner/end user time and money.

Andy Hoffman
Tnemec Company, Inc. Provider #:
AIA #:TNE015 HSW | GBCI (USGBC/CAGBC) #:920004918

11:15 AM **Demystifying Rain Screen Systems Utilizing Metal Wall Panels**

Understand various types of rain screen wall systems. Identify importance of critical nature of air and water resistance barriers in energy efficiency. Discover and define the importance of integrating continuous insulation. Simplify energy efficiency of rain screens utilizing insulated metal panels.

David Weidl
ATAS International, Inc. Provider #: J447
AIA #:ATA017 HSW | GBCI (USGBC/CAGBC) #:920013016

12:15 PM **Lunch**

01:15 PM

Levels of Finish and How to Achieve Level 5

This 1-hour presentation identifies the various levels in which gypsum board surface is finished for the particular board application and final decoration. Each level of finish is defined per ASTM C840 and presented in discussion, details and samples to establish a clear visualization of these levels of board finish. A new and extraordinary "level of finish" is introduced and examined as a "Basis of Specification" for your more demanding design and board finish requirements.

Andy Turner

Certaiteed Gypsum - Saint-Gobain Provider #: 40107746

AIA #:CBP LOF001 HSW | GBCI (USGBC/CAGBC) #:920012811

02:15 PM

The Nature of Natural THIN Veneer

Description:

The program will provide an overview of how stone as a building material evolved into thin veneer and why it is quickly becoming the stone of choice for masons, architects and designers.

Learning Objectives:

After completion of this course, participants will be able to:

- Describe how quarried stone becomes thin veneer.
- Discuss four application methods, adhered veneer codes, and general installation steps.
- Analyze comparisons between full, thin, & manufactured veneers.
- Study architectural techniques as can be seen in the natural thin stone veneer installation imagery
- Recognize health-safety-welfare qualities of natural thin veneer stone, as well as in its fabrication process, and installation techniques.

Joe Buechel

Natural Stone Veneers International, Inc. Provider #: K172

AIA #:NSV102 HSW | GBCI (USGBC/CAGBC) #:920007680

03:15 PM

Break

03:30 PM

The Role of Commercial Steel Doors in Resilient Design

Resiliency is a growing necessity. It is important to understand the impacts on the built environment resulting from natural and manmade disasters and disturbances and to design for those impacts now. Presented in this course is an overview of the benefits of using steel doors as part of a resilient design strategy for applications requiring resistance to blasts, tornadoes, and ballistics.

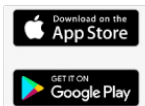
Steve Peterman

Ambico Ltd. Provider #: J834

AIA #:AMBO16 HSW | GBCI (USGBC/CAGBC) #:920014111

04:30 PM

End of Program



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