



ATS CONTINUING EDUCATION
ONLINE_SEMINAR
Hot Topic - Moisture Prevention Design Solutions -
Eastern Time Zone
Thursday, May 13, 2021



08:00 AM [Welcome, Credits, and Certificates](#)

08:10 AM **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

09:10 AM **Eliminating Concrete Moisture through Sustainable Design**

Few aspects of the design process are conducted in “silos” as disassociated from one another as how many projects approach interior concrete slab specifications and subsequent flooring specification sections. This is not done intentionally, rather it is by-product of lack of coordination, and fundamental misunderstanding, between those involved with the structural elements and those involved with the aesthetic and finishing elements. During this presentation, we will discuss sustainability and what it means; drawing the attendee into a clear discussion of how sustainability relates to LEED, Lean Construction, Green Building, and process improvement. Inconsistencies with current specification processes related to concrete moisture as compared to the tenets of sustainability will be exposed, with clear recommendations given as to how the specifying professional can resolve those disconnects.

Dean Craft
ISE Logik Industries Provider #: 404108239
AIA #:ISL03K HSW

10:10 AM [Break](#)

10:20 AM [Sponsor: QWEB \(Quebec Wood Export Bureau\) - Eli Gould](#)

Eli graduated with one of the first dual Architecture/Forestry degrees from Yale in the early '90s, with a conviction that the two fields would eventually be more linked. After a quarter century, this seems more true and even mainstream, but for many years it was an entrepreneurial effort in the small vertical wood prefab companies he ran in Vermont, and in the automated timber industry where he often consulted. For the last three years, Eli has brought those experiences into a nonprofit market development role for QWEB. When he's not trying to transform the AEC industry into a positive climate force he enjoys small town and organic farm life in Vermont with his family.

10:30 AM

Code Compliant Exterior Systems for Wood Framed Building Envelopes

This course investigates the most recent code changes emphasizing building envelope performance. We will explore next generation integrated solutions that simultaneously provide protection against moisture penetration, air leakage, and thermal bridging. Installation benefits and on-site quality control issues related to multi-solution integrated systems will also be evaluated.

Daniel Chelli

Huber Engineered Woods Provider #: K094

AIA #:HEW 505 HSW | GBCI (USGBC/CAGBC) #:920011922

11:30 AM

Gauged Porcelain Tile Systems

In this class session participants will learn about training programs that are available for help and education, for workers in the industry. In addition, participants will learn how to use the proper gauged porcelain tools, troweling, lippage control and dry installation methods. They will gain an understanding of the importance of having qualified installers that has gone through a certified training program.

Curtis Yocum

MAPEI Corporation Provider #: J163

AIA #:MAP055 HSW

12:30 PM

Lunch

01:10 PM

Joint Sealant Technology - Their Design and Use

Joint sealants seal penetrations between construction elements...a critical part of the building envelope. They prevent the ingress of water/moisture into the building interior or through joints/gaps. They also play a role in the prevention of reinforced concrete corrosion, which can lead to structural failures.

John Babun

Sika Corporation Provider #: J492

AIA #:SIKA400 HSW | GBCI (USGBC/CAGBC) #:920009462

02:10 PM

Metal Panels 101

The course will give a general overview of the key aspects of the application, substrate selection, coating options, and fundamental benefits of metal roof and wall panels. This course is meant to give a baseline understanding of metal panels to those with limited experience and enhance and strengthen the knowledge base of those with experience with metal panels.

Chaz Schafer

Metal Sales Manufacturing Corporation Provider #: J829

AIA #:MSMC07 HSW | GBCI (USGBC/CAGBC) #:920010223

03:10 PM

End

