



ATS CONTINUING EDUCATION  
ONLINE\_SEMINAR  
Hot Topic - Building Envelope - Mountain Time  
Zone  
Wednesday, March 17, 2021



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

08:10 AM **Sustainable Exterior Envelope**

At the end of this course, participants will know how to increase the durability of wood products used on building exterior envelope, understand best installation practices and differences between popular wood treatment methods. This AIA continuing education program touches on these issues and more, helping you design an exterior envelope that is durable and healthy for the home.

Dave Rogers  
WindsorONE Provider #: T109  
AIA #:ExtEnv2020 HSW | GBCI (USGBC/CAGBC) #:920012039

09:10 AM **Proactively Address Moisture in Roof Assemblies**

Moisture within roof assemblies, or the concern over such, has recently become a major focus of discussion for the design/build community due to project schedule delays and disruptions to businesses and institutions. Despite the disruption to projects this issue causes, there remains significant misunderstandings across the design build industry regarding product warranties, field moisture tests, and just how long it takes concrete “to dry”. During this presentation, we will discuss common terms associated with concrete that are often misused and misunderstood. Further, the various sources of roof system moisture will be identified with clear recommendations given as to how the specifying professional can proactively address these sources through the construction documents.

Dean Craft  
ISE Logik Industries Provider #: 404108239  
AIA #:ISL03G HSW | GBCI (USGBC/CAGBC) #:

10:10 AM [Break](#)

10:20 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.

Jon Ram  
Rockwool Provider #: K269  
AIA #:RWNA202 HSW | GBCI (USGBC/CAGBC) #:920023529

11:20 AM

## Understanding Wood Aesthetic Cladding and Soffit Technologies

This learning unit will provide an in-depth overview of current “wood” design technologies natural and synthetic. - Identify current market “wood aesthetic” technologies - Understand the core materials of each technology - Understand the sustainable features and Life Cycle benefits for each technology based on the following criteria: Color Retention, Maintenance & Warranty - Describe the surface burning characteristics and explain how they can be specified to achieve code compliance - Installation Details - Budgetary Information

Yancey Hughes

Hughes & Associates Provider #: L161

AIA #:GL2020CS HSW | GBCI (USGBC/CAGBC) #:

12:20 PM

End



**AIA**  
Continuing  
Education  
**Provider**