



ATS CONTINUING EDUCATION  
ONLINE\_SEMINAR  
Moisture Prevention and Waterproofing Design  
Solutions - North America  
Wednesday, February 21, 2024



10:00 AM [Welcome, Credits, and Certificates](#)

10:05 AM **Sustainable Exterior Envelope**

This course focuses on the effect biological and physical agents have on the wood substrate of the exterior building envelope. After reviewing these agents, you will learn how proper installation and best building practices can limit the exposure these agents can pose to your project. Durable wood substrates will also be discussed with a comparison of popular man-made durability agents used to further protect the exterior envelope.

Corbin Rinehart  
WindsorONE Provider #: T109  
AIA #:ExtEnvelope23 HSW | GBCI (USGBC/CAGBC) #:920026001

11:05 AM [Review of Session Code Process](#)

11:10 AM **Solving the Concrete Moisture Issue: Commercial, Environmental and Health Benefits of Impermeable Concrete and Permanent Impermeable Repair Materials**

This Program addresses the impact of traditional & impermeable concrete inside & outside the building envelope. It discusses methods to improve durability and consequent sustainability of all concrete applications. It discusses the concrete industries' efforts to lower the carbon footprint. It provides a solution to moisture & flooring problems as well as water and damp-proof concrete. Techniques and materials used to permanently repair concrete are discussed.

Derek Anderson  
SPG (Specialty Products Group) Provider #: K540  
AIA #:SPGVLMGK4041 HSW

12:10 PM [Break](#)

12:30 PM **High-Performance Glass and Aluminum Building Envelopes**

This course provides a comprehensive understanding of the glass-aluminum building envelope featured in high-rise construction. We'll review the three main types of curtain walls and the installation process for each. Design and functionality will be addressed specific to project objectives along with the environment-conscious benefits of using glass and aluminum. Lastly, the course will review how to avoid moisture, temperature, and other pitfalls and failures in curtain-wall installation.

Dmitry Avramenko  
Alumin Techno (Alutech) Provider #: 404109291  
AIA #:AluTech23 HSW | GBCI (USGBC/CAGBC) #:920027583

01:30 PM **Making Sense of Sealants**

Participants will learn about the different families of sealants and how to choose the correct product for each application.

Dan Garnett  
Adfast Provider #: 404109250  
AIA #:AdfSealants23 HSW | GBCI (USGBC/CAGBC) #:920025313

02:30 PM [Break](#)

02:45 PM

## **Vinyl in Design: The Material for 21st Century Building & Construction**

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 #:VID323 HSW | GBCI (USGBC/CAGBC) #:920027501

03:45 PM

## **The Importance of Space. Rainscreen Technology in Residential Building Design**

This course explains the advantages to construction rainscreen wall assemblies. We explain the differences between direct applied, vented and ventilated wall system. How to be code compliant and the various material options on the market today to help create a healthy wall system in multi-family and single family residential homes. We also touch upon the benefits of building with rainscreen technology in the commercial building sector.

Keith Lolley

Advanced Building Products, Inc. Provider #: T055

AIA #:T2022 HSW

04:45 PM

End



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