



**America
Training
Solutions**

ATS CONTINUING EDUCATION
ONLINE_SEMINAR
New Ideas and Innovation in Building Materials -
North America
Thursday, February 20, 2025



11:00 AM [Welcome, Credits, and Certificates](#)

11:05 AM **Thermally Modified Wood as a Sustainable, Biophilic Product Choice for Architects and Designers**

This course examines the use of thermally modified woods in sustainable building practices. Through this course, participants will gain a comprehensive understanding of the thermally modified wood process, its environmental benefits, and its applications in architectural design. We will explore the science behind thermal modification, its impact on wood properties, and its advantages over traditional wood treatments. Additionally, the course will address key considerations for specifying, installing, and maintaining thermally modified wood products, equipping attendees with the knowledge needed to incorporate this innovative material into their projects. Discover how thermally modified woods are reshaping the landscape of sustainable construction and contributing to a greener future.

Lisa Ayala
GMX Group Provider #: 10093159
AIA #:GMXThermWood27 HSW | GBCI (USGBC/CAGBC) #:0920030910

12:05 PM [Review of Session Code Process](#)

12:10 PM **Waterproofing Roof Decks and Balconies with Walkable PVC Membranes**

Provides an overview of walkable, waterproof roof deck membranes and roofing systems, including a discussion of the key principles of deck design, design considerations, and how to install and specify roof deck membrane systems. This program will be extremely beneficial to architects, specifiers, and contractors involved in single and multiple-family homes that include decks, balconies, and rooftop decks.

Chad Monett
Chad Monett came to Duradek with 36 years of construction knowledge and project management experience in both residential and commercial construction. Chad was a construction consultant providing investment and general construction referrals in Central America for over 3 years. He has been a liaison with federal, state and local government agencies on numerous construction projects addressing compliance issues. Chad has conducted numerous AIA presentations and supports our current Distributors and Dealers as well as introducing Duradek to potential new installers.
Duradek US Inc. Provider #: J767
AIA #:DUR022 HSW

01:10 PM [Break](#)

01:30 PM **Building Façade Glazing: Key Installation Procedures & Considerations**

Participants will learn how to choose the appropriate silicone for use when designing and building curtain wall and store front sealant applications.

Dan Garnett, MBA
Adfast Provider #: 404109250
AIA #:AdfGlazing23 HSW | GBCI (USGBC/CAGBC) #:920026367

02:30 PM [Break](#)

02:45 PM

How It's Made: Today's PVC

PVC products have been around for 100 years. They're common in the construction industry because of their durability and long life. But old PVC manufacturing practices still cause concern for some of today's specifiers. This course will address those concerns head-on. We'll talk about today's manufacturing processes and how recycling is transforming the industry. You'll see how PVC resin becomes a strong and beautiful product using the example of vinyl fencing. With the understanding of today's regulations, collaboration, and green-building practices, you'll have the confidence to specify today's PVC products.

Spencer Kelly
Oldcastle APG Provider #: J545
AIA #:TodaysVinyl27 HSW | GBCI (USGBC/CAGBC) #:920029469

03:45 PM

Radon Abatement: Controlling Radon Gas in Residential Construction

Radon is a colorless, odorless gas, a Class A carcinogen, the leading cause of cancer after smoking, and the leading cause of death for nonsmokers. It is found in soil, rock, and groundwater. If radon enters a home through slabs, basements, and crawl spaces, breathing it can lead to illness or even death. This course examines how the gas travels through soil and into structures and the various interception approaches and materials that can be utilized to prevent entry into inhabited spaces. It also highlights building code requirements and language that can assist with ensuring the correct radon interception systems are designed and installed effectively.

Keith Lolley
Advanced Building Products, Inc. Provider #: T055
AIA #:T2024 HSW

04:45 PM

End

