



ATS CONTINUING EDUCATION
ONLINE_SEMINAR
Building Green: Products that Support Sustainable
Design - Central
Tuesday, June 03, 2025



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

08:05 AM **Western Red Cedar, Distinctive Sustainable Design**

This presentation is intended to increase awareness of Western Red Cedar uses, properties and performance characteristics. Western Red Cedar grades and product specifications will be reviewed, as will proper installation, finishing and maintenance for a variety of applications. Through brief case study presentations, attendees will gain an appreciation of design trends that leverage cedar's versatility and the enhanced appeal it brings to institutional, commercial and residential designs. Demonstrating Western Cedar's value as one of the 'greenest' building material available, discussion will include facts about sustainable forests and forest certification systems along with a brief review of Western Red Cedar Environmental Product Declarations (EPDs).

Steve Clitheroe
Western Red Cedar Lumber Assn (WRCLA) Provider #: G422
AIA #:WRCLA - 6 HSW

09:05 AM [Review of Session Code Process](#)

09:10 AM **Concrete Sustainability & Long-Term Waterproofing Solutions**

This presentation explores the composition of concrete, causes of deterioration, and the benefits of crystalline waterproofing technology. It explains how this technology interacts with concrete to form a network of insoluble crystals, making it impervious to water and harmful materials like chlorides and sulfates while improving indoor air quality. The session highlights how crystalline waterproofing increases durability, extends the service life of new concrete, and provides a sustainable solution for repairing and waterproofing existing structures by preserving embodied carbon. It also covers preventing damage from corrosion, freeze-thaw cycles, ASR, and chemical attack. Participants will learn how this technology streamlines project costs and accelerates construction schedules as well as see real-world applications across various industries.

Blair Jones
Penetron USA Provider #: 404108130
AIA #:AIA-MadeToLast HSW | GBCI (USGBC/CAGBC) #:0920031709

10:10 AM [Break](#)

10:30 AM [Commanditaire: Lincora - Fred Lagace](#)

10:45 AM **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

11:45 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.

Ryan Jeffreys

WindsorONE Provider #: T109

AIA #:ExtEnvelope23 HSW | GBCI (USGBC/CAGBC) #:920026001

12:45 PM

Break

01:00 PM

Designing for Sound Control: Effective, GREEN, Principles and Practices

In this one-hour course, design professionals will gain practical knowledge of effective principles of sound control and how they can be applied to the design of wall and floor/ceiling assemblies. We will discuss building code criteria and guidelines, including strategies to meet these requirements utilizing cellulosic fiberboard. By the end of this course, design professionals will be able to specify optimal sound control strategies that best fit each project's needs.

Steve Gleason

Homasote Provider #: J582

AIA #:soundatten24 HSW | GBCI (USGBC/CAGBC) #:920027579

02:00 PM

Biophilic Design for All: Affordable, Low-Maintenance Materials That Mimic Nature

Most architects have heard about biophilic design and agree with the concept of bringing the outdoors inside. However, very few designers take purposeful steps to incorporate it into their plans. Designers may assume that biophilic design is expensive or high maintenance, reserved for only those high-end projects. One may assume that bringing nature inside is complicated and requires customization. An architect may assume that some projects don't warrant biophilia, like a warehouse. In this one-hour course, we'll address those assumptions that hold architects back. We'll introduce a simulated-wood product that mimics nature and delivers that positive human response. You'll see numerous design ideas and applications that exemplify economical and low maintenance solutions for any project type. At the end of the course, we think you'll agree that biophilic design is obtainable for any project and every occupant.

Kim Guimond

Modern Mill Provider #: 10009174

AIA #:MMBiophilic HSW | GBCI (USGBC/CAGBC) #:920029476

03:00 PM

End

