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**

The Western Red Cedar Lumber Association (WRCLA) is a Non-Profit trade association that was established in 1954. We offer training to discerning users of WRC including the architect community. Western Red Cedar Distinctive Sustainable Designs is a one-hour, face-to-face training session developed for the architect community and provided by WRCLA qualified trainers. Through this one hour session, architects will increase their knowledge of WRC; its' properties and performance characteristics.

Jay Poppe
Western Red Cedar Lumber Assn (WRCLA) Provider #: G422
AIA #:O-WRCDesign HSW | GBCI (USGBC/CAGBC) #:0920029577

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.

Cassandra Gouws
Penetron USA Provider #: 404108130
AIA #:AIA-MadeToLast HSW | GBCI (USGBC/CAGBC) #:0920031413

10:10 AM Break

10:30 AM *Sponsor to be announced*

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 **Reviving The Lost Art of Moldings**

Why does a room feel right when you walk into it? What's the significance of scale and proportion? Have we lost our "design" roots? This AIA continuing education program touches on these issues and more, looking back to the Greek's, the evolution of moldings, and why they make such an impact on any building project. Understand why moldings play such an important role in the design of structures, making them ascetically pleasing while creating an emotional response.

Mike Phillips
WindsorONE Provider #: T109
AIA #:001 HSW

12:45 PM Break

01:00 PM *Sponsor to be announced*

01:15 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.

Chris Hill
Homasote Provider #: J582
AIA #:soundatten24 HSW | GBCI (USGBC/CAGBC) #:920027579

02:15 PM **Cork: Nature's Regenerative Building Material**

The word sustainable is often used to describe building products, but few are more sustainable than cork. This course will dive deep into the Cork Oak tree, its regenerative bark, mindful harvesting, and its use in building products. We'll review cork's natural properties that make it ideal in the built environment, including moisture resistance, durability, and superior acoustic control. This course will examine the use of cork in flooring underlayment as an example of its ability to reduce impact sound in ceiling/flooring assemblies. Lastly, we'll address cork's contribution to a circular economy and review its lifecycle stages from its responsible forestry at raw materials to its end-of-life where cork products can be recycled into new products.

Rick Loomis
Amorim Cork Composites Provider #:
AIA #:CorkRegen27 HSW | GBCI (USGBC/CAGBC) #:0920030806

03:15 PM End