



**America  
Training  
Solutions**

ATS CONTINUING EDUCATION  
ONLINE\_SEMINAR  
Building Green: Products that Support Sustainable  
Design (Spring) - Eastern Time Zone  
Thursday, April 18, 2024



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

08:05 AM **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.

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

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

09:10 AM **Wood Glazed Facades in Net-Zero and Passive Buildings**

Architects and LEED professionals understand the numerous benefits of building with wood. But, many are unaware of its application in a timber curtain wall (TCW). Today's technology provides opportunities to incorporate the beauty and energy-efficiency of wood into glazed facades that not only bring the outdoors in but also serve as the building's heavy lifter. This course will present the differences between a conventional curtain wall and a timber curtain wall (TCW) including load-bearing and non-load-bearing capabilities as well as net-zero and passive building. We will also show example of projects using TWC.

Sergiy Kholodov  
Unicel Architectural Corp Provider #: 404109249  
AIA #:Unicel5WGFNZ23 HSW

10:10 AM [Break](#)

10:20 AM [Sponsor: Hughes & Associates - Yancey Hughes](#)

10:35 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) #:0920029828

11:35 AM [Break](#)

11:50 AM

### How Concrete Can Positively Impact Biophilic Design and the Environment

This program will discuss the aesthetic value of concrete in biophilic designs. We'll begin with the history of concrete with a close examination of its relationship with natural elements and its form. We'll review the use of concrete in a water feature and the benefits this technology brings to the occupant.

This course will explore technologies that improve the durability of concrete, contribute to IAQ/IEQ, while also finding ways to reduce global carbon emissions. The total environment impact of concrete will be examined including the benefits of using alternatives to Portland cement like natural pozzolans. Overall, improving concrete durability is the foundation of this program.

Scott Bergsbaken

SPG (Specialty Products Group) Provider #: K540

AIA #:SPGBioEnviro27 HSW

12:50 PM

End

