



ATS CONTINUING EDUCATION
ONLINE_SEMINAR
Specifying Wood and Wood-Composite Products -
North America
Wednesday, September 03, 2025



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

11:05 AM **Biophilic Design Using Beautiful Sustainable Western Red Cedar**

This presentation is intended to increase awareness of Western Red Cedar uses, properties and performance characteristics. An introduction to the terms and objectives of Biophilic design will be covered. Western Red Cedar grades and properties will be reviewed. Through brief reviews of relevant projects, attendees will gain an appreciation of design trends that leverage cedar's versatility in biophilic design, the direct correlation between natural wood and health and well being, and the enhanced appeal it brings to institutional, commercial and residential designs. The Course will Demonstrate how Western Red Cedar's value as one of the 'greenest' building material available, discussion will include facts about sustainable forests and forest certification systems, as will proper installation, finishing and maintenance for a variety of applications.

Jay Poppe
Western Red Cedar Lumber Assn (WRCLA) Provider #: G422
AIA #:WRCLA - 7 HSW

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

12:10 PM **Non-Combustible & NFPA 285 Tested Wood Aesthetic Technologies for Commercial Projects**

The look of "Wood" provides warmth in a building design that cannot be achieved by masonry, metals, glass or other building materials. Natural wood may not be an option for Class 1-3 (40'+) Commercial project due to combustibility, but newer composite and synthetic products replicate the look of natural wood and provide the fire performance required for Class 1-3 Commercial projects. They may also provide superior color retention and life-cycle performance while requiring little to no maintenance. This learning unit will provide an in-depth overview of "wood" design technologies that meet code requirements for Class 1-3 Construction.

Yancey Hughes
Hughes & Associates Provider #: L161
AIA #:GL NC 001 HSW | GBCI (USGBC/CAGBC) #:0920031927

01:10 PM [Break](#)

01:30 PM [Sponsorship](#)

01:45 PM **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

02:45 PM [Break](#)

03:00 PM

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 including load-bearing and non-load-bearing capabilities as well as net-zero and passive building. We will also show examples of projects using TWC.

Sergiy Kholodov
Allegion / Unicef Architectural Corp Provider #: J247
AIA #:SP24014 HSW

04:00 PM

Course to be announced

05:00 PM

End



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