ATS CONTINUING EDUCATION
ONLINE_SEMINAR
Warmth and Strength: Wood and Wood Composite Products - North America
Wednesday, August 26, 2026

11:00 AM Welcome, Credits, and Certificates

11:05 AM **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

12:05 PM *Review of Session Code Process*

12:10 PM **The Evolution of Self-leveling Technology 101**

The Evolution of Self-Leveling Technology 101 will examine the five elements in leveling compounds, their significance, their importance in achieving desired characteristics and how that impacts the soundness of the subfloor and foundation. The binder is the most important ingredient in any leveling compound which includes gypsum, Portland and calcium aluminate cement. Binders are the key to developing a material that is safe and stable. The geological and historical use of each binder will be reviewed from their development in the construction of historical buildings and presence in artifacts, to their use in modern architecture. Each type of leveling compound will be explored, properties discussed, benefits and disadvantages acknowledged, and recommended applications for each type examined allowing the specifier to choose the best material and method for each job site. Participants will benefit from this instruction learning how to properly select the best-suited leveling compound and will be able to make the best decision on appropriate measures to correct substrate challenges to properly prepare subfloors for successful, sustainable, environmentally friendly, sound flooring installations.

Shane Jenkins
Sika - Schönox Provider #: J399
AIA #:SikScho-ESLT HSW

01:10 PM Break

01:25 PM Sponsor: Ikonni - Nina Touzova

01:40 PM *Course to be announced*

02:40 PM **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

03:40 PM Break

03:55 PM *Course to be announced*

04:55 PM End