



ATS CONTINUING EDUCATION SEMINAR  
2022 Mixed Topics - Live In-Person - Miami, FL  
Tuesday, December 06, 2022  
Embassy Suites by Hilton Miami Airport  
3974 NW South River Drive , Miami, FL 33142



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

08:10 AM **Sintered Stone: A New Material Category Enters the Market**

Sintered stone is a new material so unlike ceramic, or natural stone that it warrants its own category for building standards, which are now being developed in Europe. This course demonstrates that sintered stone has the workability of natural stone with the sustainability and performance of ceramic. This new material is durable to whatever threat may come, either by nature or humans. The course shows how sintered stone is used in a wide variety of indoor and outdoor applications from countertops to flooring, walls, cladding, and more.

Jesus Rodriguez  
Lapitec Provider #: 404109479  
AIA #:K1906YE HSW | GBCI (USGBC/CAGBC) #:

09:10 AM **Rigid Insulation Product Knowledge & Uses**

This course will review an in-depth breakdown of the current uses of rigid insulation in the construction industry. The attendees will learn more about the differences of rigid insulation products and the recommended uses of each product type. Discussion points to include the changes of the current energy codes and the requirements for the use of continuous insulation in the majority of future projects. The participant will be able to better evaluate their current building assemblies and understand the requirements that are dictated by current codes.

Lee Bybee  
Ox Engineered Products Provider #: 40107972  
AIA #:OXAIA401 HSW | GBCI (USGBC/CAGBC) #:920011917

10:10 AM [Break](#)

10:20 AM **Revolution in Solutions for Concrete Cure, Finish, Flatness and Moisture Control**

This program explores the many uses of integrally troweled cure products to solve practical and common problems frequently occurring in buildings, roads and specialized industrial and municipal complexes. Such as moisture damage to floor coverings, control joint curling, delamination and abrasion resistance.

Fred Stiles  
Green Umbrella Provider #: 40107769  
AIA #:GURRevCon HSW | GBCI (USGBC/CAGBC) #:

11:20 AM **Introduction to Vuelift Elevators**

This course is an introduction to Vuelift panoramic residential elevators and provides an overview of its features and design applications. This session will cover technical aspects and benefits of this type of elevator as well as applicable code and regulation requirements.

Kyle Filer  
Savaria Concord Lifts Provider #: 40107405  
AIA #:AIASAV301-2021 HSW | GBCI (USGBC/CAGBC) #:

12:20 PM [Lunch](#)

01:10 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.

Shane Bordas

Modern Mill Provider #: 10009174

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

02:10 PM

## **Coating of Aluminum Extrusions**

Provides an overview of aluminum extrusion coatings and includes discussions on the aluminum extrusion process; a comparison of powder and liquid coatings; an overview of the chrome and the chrome-free pretreatment processes; and, the performance objectives of AAMA testing standards.

Taylor Coley

Barrette Outdoor Living Inc. Provider #: J696

AIA #:AG1012020 HSW | GBCI (USGBC/CAGBC) #:

03:10 PM

Break

03:20 PM

## **2 Hours FLORIDA ADVANCED CODE COURSE: "How the 2020 (7th Ed) FL Building Code and ASTM Standards Make Stucco Work in Florida"**

This course takes a deep dive into the specific IBC/IRC and Florida Building Code regarding proper design and application of Exterior Stucco. It first reviews and explains the ASTM C926 and C1063 standards that are the basis of the stucco and lath application standards in the code. It highlights the specific climatic concerns of the warm/humid Florida environment and teaches the proper design for building envelope water management using the ASTM E331 water resistance test listed in the building code. Then using a specific example, the course details and explains the methodology of calculating and designing a wood framed exterior stucco assembly for the proper wind resistance necessary for the Florida hurricane prone climate using ASCE 07 and the ASTM E330 structural wind resistance test in the building code. The course lays out the proper fastening needs for the wind loads and the proper use of sealed face barrier systems to mitigate the water intrusion. Finally, the course suggests options for warranting the envelope and providing a long-term maintenance schedule.

Harry J. Lubitz

UGL – United Gilsonite Laboratories, Inc Provider #: 404108947

AIA #:UGL 0821 HSW | GBCI (USGBC/CAGBC) #:

05:20 PM

End

