



ATS CONTINUING EDUCATION SEMINAR  
2023 Mixed-Topics - Live In-Person - Dallas/Fort  
Worth, TX  
Tuesday, October 17, 2023  
Maggianno's Little Italy - North Park - Dallas  
205 North Park Center , Dallas, TX 75225



07:45 AM [Registration & Continental Breakfast](#)

08:00 AM **Decades of Destruction Formosan & Native Subterranean Termites**

Many architects, engineers, and builders don't consider the threat of Formosan termites. They therefore leave the building owner and future occupants with the ongoing task of using chemical pesticides and/or repairing significant damage. The first section of this course is presented by Dr. Roger Gold, Emeritus Professor of Urban Entomology at Texas A&M. Texas A&M is the largest Urban Entomology department in the US. Do you build in the termite zone? Domestic subterranean termites exist throughout the mainland. Now much of the United States is susceptible to Formosan termite infestation, which has been expanding since 1975. Any new build within this termite zone should incorporate the steps to provide long-term protection against Formosan and native American subterranean termites. This course will describe the Formosan termite and the damage it can cause. We'll review the preventative but long-term processes that many building owners take to prevent infestation. Most importantly, this course will outline the standard and enhanced processes, implemented at building construction, that protect the structure.

Jill Heidorf  
Polyguard Barrier Systems    Provider #: K477  
AIA #:PGDDFNST23 HSW | GBCI (USGBC/CAGBC) #:920027508

09:00 AM **Design Green & Healthy Built Environments with Natural Wood Flooring**

In this course, we will discuss the myriad health benefits of natural wood in flooring, cladding and ceilings in the built environment. We will explain the value of specifying natural wood in biophilic design cannot be overstated. Natural wood improves indoor air quality, overall health, sleep, stress reduction. We will also talk about the sustainability of wood, carbon sequestration and the use of multiple species of wood to maintain the health of our biodiverse forests The distinctive beauty of natural wood in application will be demonstrated through architectural photographs of its use in high-end restaurants, healthcare facilities, hotels, residences, schools, event spaces, offices and showrooms We will discuss the importance of specifying fully certified natural wood for flooring, walls and ceilings. There will be a brief overview of the various certification schemes for wood and how to avoid "greenwashing" in your projects We will explain the stability of cross-laminated, balanced engineered natural wood flooring for radiant heat application And finally, we will outline the benefits of vertically integrated manufacturing without the use of any harmful chemicals resulting in holistically carbon-negative wood flooring even when shipped around the world.

Greg Esparza  
Mafi America Inc.    Provider #: 10009167  
AIA #:Mafi001 HSW | GBCI (USGBC/CAGBC) #:920025485

10:00 AM [Break](#)

10:10 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.

Taylor Coley

Barrette Outdoor Living Inc. Provider #: J696

AIA #: HIMPVC0523 HSW | GBCI (USGBC/CAGBC) #: 920028037

11:10 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 #: WRCLA5 HSW | GBCI (USGBC/CAGBC) #: 920027450

12:10 PM

Lunch

01:00 PM

### **Specifying Vinyl and Aluminum Railing Systems**

This course provides an understanding of vinyl and aluminum railing systems including components and assembly. We'll review ADA-compliance requirements for the graspable handrail and code requirements specific for rail systems, dictated by the ICC. We'll discuss the common benefits of vinyl and aluminum railings including safety, durability, low maintenance, high strength, and flexible design. The environment-conscious elements of these railing systems including materials selection, manufacturing processes, and LEED contribution will be described. Lastly, this course provides ideas and applications appropriate for vinyl and aluminum railing systems.

Taylor Coley

Barrette Outdoor Living Inc. Provider #: J696

AIA #: Vinyl23 HSW

02:00 PM

### **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.

Jason Barnes

Green Umbrella Provider #: 40107769

AIA #: GURvCon23 HSW

03:00 PM

End



**EDUCATION  
PARTNER**

**AIA**  
Continuing  
Education  
**Provider**