



ATS CONTINUING EDUCATION
ONLINE_SEMINAR
Built to Last: Durable Design Solutions - East
Thursday, August 28, 2025



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

08:05 AM **Benefits of Impermeable Concrete Utilizing Crystalline Technology**

This presentation explains how the addition of crystalline technology interacts with concrete to produce a structure with a significant increase in durability and service life. It discusses how a deeply embedded network of insoluble crystals makes permeable concrete virtually impervious to water and all harmful water-soluble materials, such as chlorides and sulfates. It demonstrates how a durable waterproof structure can be designed and built without negatively affecting the placement or performance characteristics of the concrete. The prevention of damage due to corrosion, freeze-thaw, ASR and chemical attack will be analyzed. The ability of the crystalline technology to streamline project costs and fast-track construction schedules will be highlighted. Real world applications through examination of projects in various industries will provide the necessary references required.

Cassandra Gouws
Penetron USA Provider #: 404108130
AIA #:AIACRYSTECH3 HSW

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

09:10 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.

Beau Hurley
Oldcastle APG Provider #: J545
AIA #:TodaysVinyl27 HSW | GBCI (USGBC/CAGBC) #:920029469

10:10 AM [Break](#)

10:30 AM [Sponsor: Lincora - Fred Lagace](#)

10:45 AM **Building Façade Glazing: Key Installation Procedures & Considerations**

Participants will learn how to choose the appropriate silicone for use when designing and building curtain wall and store front sealant applications.

Dan Garnett
Adfast Provider #: 404109250
AIA #:AdfGlazing23 HSW | GBCI (USGBC/CAGBC) #:920026367

11:45 AM

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.

Bill Gaita

WindsorONE Provider #: T109

AIA #:ExtEnvelope23 HSW | GBCI (USGBC/CAGBC) #:920026001

12:45 PM

Break

01:00 PM

The Benefits of 100% Offsite Fabricated Stainless Steel Railing Systems

Explore the advantages of integrating 100% offsite fabrication into the design of the ornamental railing you specify in your architectural projects.

When compared to local fabrication, Offsite fabrication of custom-designed railing systems not only dramatically improves product quality, it also minimizes project waste, reduces product costs, and streamlines construction processes. *Offsite Fabrication = Value Engineering!*

In this presentation you will learn how architects, designers, and engineers can reduce overall project costs and improve project outcomes by specifying architectural products which have been custom-designed to precisely fit each project, and then prefabricated to completion offsite, while helping builders and contractors achieve greater efficiency.

Kevin Harris

Kevin Harris is the Director of Sales & Marketing at AGS Stainless, Inc. (AGS), a railing manufacturer specializing in 100% offsite fabrication of custom railing systems. Before his position with AGS, Mr. Harris founded 4 industry-leading firms including 2 information technology firms; one specializing in the creation of web-based process management tools for Fortune 100 corporations and one that specialized in building predictive modeling applications for federal agencies. He also founded a real estate development firm that spearheaded the restoration and redevelopment of a historic seaport communities' downtown waterfront, as well as organizing and founding a state-chartered, community bank; which when it opened, was the fastest bank to receive a charter in the history of Washington State. Mr. Harris currently serves as Past Chair, of the American Institute of Architects National Custom Residential Architects Network (CRAN). He also serves as Past Co-chair, of the Board of Trustees for the National Association of Home Builders Leading Supplier's Council (NAHB LSC).

AGS Stainless Inc. Provider #: 404108593

AIA #:PRSV2 HSW

02:00 PM

End

