



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.

Spencer Kelly  
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, MBA  
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.

Isaac Hall  
WindsorONE Provider #: T109  
AIA #:ExtEnvelope23 HSW

12:45 PM

End

