



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.

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

10:10 AM [Break](#)

10:20 AM [Sponsor: Lincora - Ben Desjardins](#)

10:35 AM **Reviving The Lost Art of Moldings**

Why does a room feel right when you walk into it? What's the significance of scale and proportion? Have we lost our "design" roots? This AIA continuing education program touches on these issues and more, looking back to the Greek's, the evolution of moldings, and why they make such an impact on any building project. Understand why moldings play such an important role in the design of structures, making them ascetically pleasing while creating an emotional response.

Corbin Rinehart  
WindsorONE Provider #: T109  
AIA #:001 HSW

11:35 AM

## Coating of Aluminum Extrusions

This course 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 process; and, the performance objectives of AAMA testing standards.

Taylor Coley  
Oldcastle APG Provider #: J545  
AIA #:BOL-CAE HSW

12:35 PM

End

