



11:00 AM [Welcome, Credits, and Certificates](#)

11:05 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

12:05 PM [Review of Session Code Process](#)

12:10 PM **Moisture Mitigation System**

Moisture in the concrete slab is an important parameter when it comes to putting a floor covering down. Thus, this in-depth presentation gives a better understanding of the following topics relative to moisture mitigation: where does it come from, how to identify and test it and how to solve the issue.

Kyle Enoch
Sika - Schönnox Provider #: J399
AIA #:SIKA--613 HSW

01:10 PM [Break](#)

01:25 PM [Sponsor: Lincora - Fred Lagace](#)

01:40 PM **Designing Durable Wood Exteriors: Sustainable Practices for the Building Envelope**

At the end of this course, participants will know how to increase the durability of wood products used on building exterior envelope, understand best installation practices and differences between popular wood treatment methods.

Patrick Woodman
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02:40 PM [End](#)



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