



ATS CONTINUING EDUCATION
ONLINE_SEMINAR
Project type - High-Rise - New York, New
Jersey & Mid Atlantic Regions
Thursday, June 10, 2021



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

08:10 AM **Benefits of Ultra Low Permeability Concrete in the Building Envelope – An Integrative Approach.**

The exceptional durability of portland cement concrete is a major reason why it is the world's most widely used construction material. But material limitations, design and construction practices, and severe exposure conditions can cause concrete to deteriorate, which may result in aesthetic, functional, or structural problems. The Portland Cement Association prescribes proper concrete coverage of reinforcing steel and a Low Permeability concrete mix design as the primary goals for "Best Practice". A talented, seasoned contractor is the answer to the first.....Vapor Lock enhanced concrete may be a reasonable answer to the second.

Scott Bergsbaken
SPG (Specialty Products Group) Provider #: K540
AIA #:SPG003 HSW | GBCI (USGBC/CAGBC) #:920014710

09:10 AM **Building Facade Glazing: Specify the right sealants in structural and non-structural applications.**

During our Building Façade Glazing training, participants will learn about the different families of sealants and how to choose the correct product for each application. We will discuss the effect of UV light on sealants and the difference between structural or non structural silicone sealants. And finally, the importance of surface preparation before sealing joints.

Denis Perron
Adfast Provider #: 404109250
AIA #:AdfGlazing HSW | GBCI (USGBC/CAGBC) #:920020391

10:10 AM [Break](#)

10:20 AM **LHT Mortar and ANSI Mortar Designations**

This session will provide a Manufacturer perspective on tile industry standards development and the new mortar classifications. We will discuss ISO designations and the new ANSI mortar designations for; non sag (T), fast set (F), extended open time (E) and the proposed new large and heavy tile mortar (H) and how can it benefit the design professional and the tile contractor in the field? What was wrong with Medium Bed? Where did the Large and Heavy Tile mortar come from?

Brian Cook
MAPEI Corporation Provider #: J163
AIA #:MAP047 HSW | GBCI (USGBC/CAGBC) #:920015404

11:20 AM **High-Performance Glass and Aluminum Building Envelopes**

This course provides a comprehensive understanding of the glass-aluminum building envelope featured in high-rise construction. We'll review the three main types of curtain walls and the installation process for each. Design and functionality will be addressed specifically to project objectives along with the environment-conscious benefits of using glass and aluminum. Lastly, the course will review how to avoid moisture, temperature, and other pitfalls and failures in curtain-wall installation.

Dmitry Avramenko
Alumin Techno (Alutech) Provider #: 404109291
AIA #:AluTech01 HSW | GBCI (USGBC/CAGBC) #:920021394

12:20 PM

Lunch

01:10 PM

8" Deep - Long Span Deck for use in Elevated Concrete Floor Application

This course will provide an understanding of the attributes of 8" deep –long span deck. It will define the system, examine the overall installation process, explore the incorporation to various structural systems and define the benefits of the structural floor system.

Doug Bathurst

Comslab/ Bailey Metal Provider #: 40108035

AIA #:AIA-COMSLAB-20 HSW

02:10 PM

Slender Skyscraper Building Acoustics

SoundSense will provide an overview of noises that occur in slender high rises, such as the creaking, banging, and popping sounds that can often be extremely loud as well as the standard methods that typically do not address these noise problems. The main goal of the presentation will be to provide a solution set of the most effective methods to address these multidimensional problems through a discussion of several successful and innovative applications completed by SoundSense.

Dr. Bonnie Schnitta

Sound Sense Provider #: T118

AIA #:ACSS108 HSW

03:10 PM

End



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