



ATS CONTINUING EDUCATION
ONLINE_SEMINAR
Mixed Topics - Central Time Zone
Wednesday, May 18, 2022



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

08:05 AM **Specifications Strategies to Eliminate Concrete Moisture**

In many projects, installation of floor finishes is one of the items to occur prior to substantial completion. However, 09 flooring specification sections require moisture testing before flooring can be installed on concrete slabs. When those moisture tests fail, the project faces time delays, unexpected costs, or both. During this presentation, we will: (1) give significant discussion to the importance of design intent and how losing focus on what the owner expects can lead to catastrophic consequences (2) examine several misconceptions associated with field moisture testing and project owner and design team liability associated with concrete moisture induces flooring failure; and (3) we will give clear recommendations as to how the specifying professional can eliminate concrete moisture as a project delivery issue while simultaneously protecting the project owner and design team from project delivery delays/cost overruns and future failed flooring.

Bill Roper
ISE Logik Industries Provider #: 404108239
AIA #:ISL03H HSW

09:05 AM **Review of Session Code Process**

09:10 AM **Building Façade 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.

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

10:10 AM [Break](#)

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

10:30 AM **Acoustic Door Assemblies and Their Role in Sound Control**

Sound control is a critical element to a building's design. How an occupant will use the space must be understood in order to deliver a healthy and functional environment free of noise. Is speech privacy important? Is this a learning environment? Does the office open to a manufacturing floor? We all think of the walls, ceiling, and floor when discussing sound attenuation. But we must not overlook the importance of an acoustic-door assembly. Without the proper acoustic door, the sound-control goals in an acoustic plan may not be met. This course will review healthy sound levels and how to test and identify target STC ratings. We'll discuss the elements of the acoustic-door assembly and how the assembly addresses fire-ratings and ADA compliance, contributes to LEED certification and green building, and provides security for classified files and electronic data.

Steve Peterman
Ambico Ltd. Provider #: J834
AIA #:AAD001 HSW | GBCI (USGBC/CAGBC) #:920024242

11:30 AM

Guide to Home Elevators

Overview of home elevators including: Possible applications and potential end users, common features as well as the four main types of drive systems, site requirements and codes and regulations.

Christopher Baker
Savaria Concord Lifts Provider #: 40107405
AIA #:AIASAV101-2019 HSW

12:30 PM

Break

12:40 PM

Sponsor: QWEB (Quebec Wood Export Bureau) - Eli Gould

Eli graduated with one of the first dual Architecture/Forestry degrees from Yale in the early '90s, with a conviction that the two fields would eventually be more linked. After a quarter century, this seems more true and even mainstream, but for many years it was an entrepreneurial effort in the small vertical wood prefab companies he ran in Vermont, and in the automated timber industry where he often consulted. For the last three years, Eli has brought those experiences into a nonprofit market development role for QWEB. When he's not trying to transform the AEC industry into a positive climate force he enjoys small town and organic farm life in Vermont with his family.

12:50 PM

Light and Us

During the course of human evolution exposure to natural lighting conditions has conditioned neurological stimuli that regulate numerous biological functions. Circadian Rhythm, rooted in the Latin for "around the day", is a term describing the entrained cyclical processes used to sustain most living organisms. The changing spectral distribution characteristics of the sun and the onset of night have been a key influence on how the retina has evolved to become a primary source of sensory stimulus effecting the production and inhibition of hormones essential to Circadian balance. Disruption of Circadian Rhythm (our natural cycles) can have deleterious effects on our health and wellbeing, particularly our patterns of sleep. Many of our built environments have created unnatural conditions for its occupants. Research has shown that poor illumination, of the spaces we occupy, can contribute to the disruption of our natural cycles. With the advent of Solid State Lighting (LED) and "nature emulating design" we can transform the environments that we occupy. This course explores ways of applying "Circadian Balanced Illumination™, Biophilic Design and WELL Building lighting principles to invigorate the human condition and benefit our cognition, health and wellbeing. The course is approved for AIA Health, Safety and Welfare CEU and NCQLP LC CEU.

George Bosson
Lightglass Provider #: 404109184
AIA #:201901 HSW

01:50 PM

End

