



ATS CONTINUING EDUCATION  
ONLINE\_SEMINAR  
Buffalo, NY - Tuesday, September 22nd, 2020  
Tuesday, September 22, 2020



07:45 AM [Welcome, Credits, and Certificates](#)

08:10 AM **Privacy Partitions in Today's Commercial Restroom**

In this program, we explore the current trends and issues changing the way we design restrooms. We'll discuss what users want in a restroom experience, demand for increased privacy, and solutions for making your restroom the best room.

Jim Rogers

Scranton Products Provider #: 40107701

AIA #:ISP10I HSW

09:10 AM **Sound Control in Construction 18 old**

This course defines the importance of sound control in the building industry where proper design can help avoid Litigation & Remediation. We will discuss building code criteria including the International Building Code (IBC-1207) and the International Residential Code. We will identify areas where sound control is necessary for wall & floor/ceiling assemblies. We will then offer an explanation of terminologies including: STC, IIC, NRC, Use Patterns and Flanking Sound. The mechanisms of sound transmission and its attenuation will be discussed including: Mass, Double Leaf Construction, Field Damped Mass, Decoupling, Unbalancing, Coincidence Effect and Sound Masking.

Rob Fohl

Homasote Provider #: J582

AIA #:Soundatten18 HSW | GBCI (USGBC/CAGBC) #:920007666

10:10 AM [Break](#)

10:30 AM **Coating of Aluminum Extrusions 2018-2021**

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 processes; and, the performance objectives of AAMA testing standards.

Taylor Coley

Barrette Outdoor Living Inc. Provider #: J696

AIA #:AG101 HSW | GBCI (USGBC/CAGBC) #:920017985

11:30 AM

## **Whole Building Ventilation: Providing Healthy, Comfortable & Energy Efficient Solution**

The proven best way to save energy on heating and cooling is to make buildings more airtight. Airtight buildings are more comfortable, durable, resilient and affordable. By including balanced ventilation with heat recovery, occupants get fresh, filtered air delivered at all times while continuously removing odors, moisture, CO<sub>2</sub> and other contaminants.

This informative presentation will describe how to ventilate an airtight building and provide superior indoor air quality, comfort and energy efficiency.

At the end of the presentation, participants will be able to:

1. Understand the advantages and weaknesses of supply-only, exhaust-only, and balanced ventilation systems
2. Learn how heat recovery ventilation enables a comfortable and healthy environment
3. Understand HRV/ERV's role in building an energy efficient home
4. Learn how to evaluate and choose the most effective HRV/ERV system

While designing and building his own very low-energy, high-performance home, architect John Rockwell became a Technical Sales Engineer with Swiss-owned Zehnder America, a world leader in providing superior indoor climate solutions.

A confirmed building science nerd, John received his Bachelor of Architecture from Wentworth Institute of Technology in Boston and his Master of Architecture from the University of Miami. In addition to his former architecture practice, his career has included teaching, municipal clean energy management, utility-funded weatherization, building science consulting and Passive House design.

John Rockwell  
Zehnder America    Provider #: 40107220  
AIA #:A/2011 HSW

12:30 PM

[Lunch](#)

01:10 PM

## **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.

Dean Craft  
ISE Logik Industries    Provider #: 404108239  
AIA #:ISL03H HSW

02:10 PM

## Introduction to Engineered Glazed Timber Curtain Wall

Architects and Construction professionals understand the numerous benefits of building with wood. But, many are unaware of its application for a GLAZED TIMBER CURTAIN WALL (TCW). Today's advanced glazing technology provides opportunities to incorporate the beauty and energy-efficiency of wood into glazed facades that not only bring the outdoors in but also can serve as the building's heavy lifter. This course will present the differences between a conventional non-load-bearing curtain wall and a timber curtain wall (TCW) with load-bearing and non-load-bearing capabilities. We will also show applications of Timber projects using glulam mullions in North America.

Luc Paquet Archived

Unicel Architectural Corp Provider #: 404109249

AIA #:IC2tech2020 HSW | GBCI (USGBC/CAGBC) #:920019926

03:10 PM

Break

03:20 PM

## Understanding Material Hazard, Exposure and Risk in the Built Environment

Product and materials selection is a critical aspect of the building design and construction process. A variety of factors drive materials selection decisions, including sustainability, health and wellness issues like indoor air quality, and the desire for innovative, functional, state-of-the-art building spaces that meet 21st century needs.

Learning Objectives:

- 1) Understand the differences between hazard, exposure, and risk in terms of chemical ingredients and materials selection
- 2) Recognize the limitations of hazard-only thinking when selecting building materials
- 3) Understand how to make comparisons of products based on ingredients, performance, cost and life cycle impacts
- 4) Identify the tools available to evaluate the safety of building products and materials

Jack Armstrong

American Chemistry Council (ACC) Provider #: 50111254

AIA #:ACC301 HSW | GBCI (USGBC/CAGBC) #:920019969

04:20 PM

End



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