



**America
Training
Solutions**

ATS CONTINUING EDUCATION SEMINAR
Chicago, IL - Tuesday, October 30th, 2018
Tuesday, October 30, 2018
Maggiano's Downtown Chicago
516 North Clark Street, Chicago, IL 60654



07:45 AM **Registration & Breakfast**

08:00 AM **Sintered Compact Surfaces for Building Facades - (old)**

Materials used on building facades need to withstand many things, including water, wind, sunlight, and sometimes severe weather conditions. They also need to hold up to the effects of people who may inadvertently or even intentionally cause damage. This course explains what is sintered compact surfaces, advantages and applications.

Travis Conrad

TheSize Surfaces USA LLC Provider #: 40108005

AIA #:AIAACE4012016 HSW | GBCI (USGBC/CAGBC) #:920015352

09:00 AM **Emerging Technologies**

At the end of this program, participants will be able to describe the manufacturing differences in windows thermal technology through a review of the innovative polyamide strip thermal technology. Examples to be reviewed include isometrics, photos, CAD drawings, and 3D samples. You will be able to identify the specific characteristics of specialty windows, including blast, energy performance & acoustic.

Jason Eastwood

Peerless Products Provider #: K536

AIA #:090110 HSW | GBCI (USGBC/CAGBC) #:920017610

10:00 AM **Break**

10:15 AM **What's in a Coating Specification?**

After this seminar, you will be able to identify the correct finishing solutions for the fenestration industry, and specifying them correctly. Participants will learn about UV degradation, color gloss performance measuring and the role sustainability plays in the industry.

Gabriel Morales Sada

Akzo Nobel Provider #:

AIA #:ANEC LU

11:15 AM **High-rise elevator technology**

Learn about elevator technology for High-rise and tower building. Energy efficiency, accessibility, security, etc.

Benjamin Elfrich

Kone Inc. Provider #: J575

AIA #:KONEHRIS HSW | GBCI (USGBC/CAGBC) #:920017611

12:15 PM **Lunch**

01:15 PM **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?

Tyler Barton

MAPEI Corporation Provider #: J163

AIA #:MAP047 HSW | GBCI (USGBC/CAGBC) #:920015404

02:15 PM **Break**

02:30 PM

Effective Thermal Performance of the Building Enclosure - Exterior Walls

Today, many new buildings must meet the ASHRAE 90.1 requirements for thermal performance. This is a tough objective, since documented proof is required. Effective R-values must be met, not just nominal values, which means that high conductivity materials that cause thermal bridges must be considered in the modelling and calculations. Often, meeting ASHRAE's challenging prescriptive compliance is not even enough; some designers look to walls to make up for thermal performance shortfalls from other parts of the building enclosure such as high glazing area percentages. Many of today's conventional wall assemblies fall short of even basic compliance, causing larger, thicker, and more costly assemblies than ever before. Learn what current wall assemblies are getting closest to the target performance levels, what the code prescribed targets are for your region, and what some innovative companies and designers are doing to solve this issue, both with conventional and proprietary approaches, while saving cost at the same time.

Paraic Lally

Cascadia Windows Provider #: 40107438

AIA #:07 HSW | GBCI (USGBC/CAGBC) #:920013525

03:30 PM

Structural Glazing / Insulating Glass - Design Considerations

Engineered solutions for integrated high-performance facades, fenestration and insulating glass systems.

A basic review of industry definitions, including facade, insulated glass, and weatherseal components.

The application of innovative materials to meet the design and efficiency requirements specified by the architectural community. Typical project processes in the design, testing, validation, and production of a curtain wall.

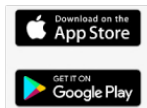
Florian Doebbel

Sika Corporation Provider #: J492

AIA #:SIKA704 HSW | GBCI (USGBC/CAGBC) #:920017662

04:30 PM

[End of Program](#)



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