



ATS CONTINUING EDUCATION SEMINAR
Toronto, ON - Tuesday, June 4th, 2019
Tuesday, June 04, 2019
Holiday Inn Toronto Downtown Centre
30 Carlton St. , Toronto, ON M5B 2E9



07:45 AM Registration & Breakfast

08:00 AM **OLD - Semi-underground waste management solution**

Solid Waste & Recycling: The Semi-Underground Advantage For the past 24-years, semi-underground containers for solid waste & recycling collection have shifted the paradigm of traditional waste and recycling systems around the world. This course focuses on the many advantages of semi-underground collection, and the benefits that they bring from a site design perspective. We will focus on the key value features of appearance, convenience, and capacity. We will further elaborate on how these key features can increase your available building space, allow for additional parking amenities, create better traffic flow, and allow for more landscaping opportunities, all while creating a more useable and safer waste and recycling collection system. And did we mention that semi-underground systems can contribute to your LEED designation while lowering your capital and operating costs?

Tim Corcoran

Molok North America Ltd. Provider #: 920012038

AIA #:N/A HSW | GBCI (USGBC/CAGBC) #:920008855

09:00 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

10:00 AM Break

10:15 AM **Air Movement for Energy-Efficient Comfort in Conditioned Spaces**

As we move increasingly towards market viable net-zero buildings with initiatives like ASHRAE Vision 2020 and the 2030 Challenge, we must reevaluate the role that typical building components play in a facility's energy efficiency. ASHRAE 55 has highlighted the impact of elevated air speed on thermal comfort, and in recent years innovative designs have reestablished air movement as an integral part of occupant comfort and energy conservation. Furthermore, recent changes to Appendix G of ASHRAE 90.1 allow the inclusion of energy savings from using elevated air speed in energy simulations. When integrated into new building designs, air movement allows a reduction of air conditioning capacity and ductwork. In the winter, low speed air circulation redirects heated air trapped at the ceiling, resulting in significant energy savings. Project teams working on net-zero buildings have proven the effectiveness of incorporating air movement in building plans as part of an integrated design strategy.

Patrick Wilson

Big Ass Fans Provider #: J753

AIA #:BAF001-CS HSW | GBCI (USGBC/CAGBC) #:910000007

11:15 AM

Sintered Compact Surfaces for Building Facades - Neolith Facades

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. Choosing a material to use for a facade is certainly influenced by the ability to hold up over time but also by the available size and weight, not to mention the appearance, of the material. Being able to install in a manner that is efficient and cost-effective usually rounds out the criteria for selecting a building material for building facades. There is one new product category that will be the focus of this course, namely sintered compact surfaces that can be used for curtain walls, rain screens, siding applications, and other common wall systems for both residential and commercial buildings.

Travis Conrad

TheSize Surfaces USA LLC Provider #: 40108005

AIA #: Facade2020 HSW | GBCI (USGBC/CAGBC) #: 920015352

12:15 PM

[Lunch Sponsored by DIZAL](#)

01:15 PM

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.

Arturo Lugo

Akzo Nobel Provider #:

AIA #: ANEC LU | GBCI (USGBC/CAGBC) #:

02:15 PM

Sustainable Garden Roof Assemblies

This seminar provides an overview of the various types of vegetative roof assemblies, their advantages, components, hardscape options, warranties and a review of major installations.

Denis Gingras

Hydrotech Membrane Corporation / American Hydrotech Provider #: J421

AIA #: 44 HSW | GBCI (USGBC/CAGBC) #: 920016523

03:15 PM

[Break](#)

03:30 PM

Fiberglass: Simple and Cost-Effective Solutions to Stringent Energy Code Requirements

This course will: Include an introduction to the world's first fiberglass window wall.

Learning Objectives:

- Understand what new fiberglass window technology advancements have recently occurred that

enable greater contribution to improved building performance than ever before.

- Understand what characteristics of fiberglass window technology have contributed to advancements in the energy performance of façade technology.

- Understand what economic trade-offs and net construction savings are now possible from using

thermally efficient, full-façade glazing systems with fiberglass framing.

- Facilitate Q&A with a designer of a commercial grade, passive house certified window system.

Paraic Lally

Cascadia Windows Provider #: 40107438

AIA #: TBC HSW | GBCI (USGBC/CAGBC) #:

04:30 PM

High-Performance Glass: Putting The Building To Work

This one-hour presentation will explain the basics of glass and its relationship with sunlight.

With this understanding, we'll review glass-fabrication options that provide the numerous benefits that put your windows to work for the building. And, we'll review how the right glass contributes to green-building design. Maximizing natural light, reducing heat gain, safety, security, sound control, and design-build that ensures that the glass you specify is an asset to the building.

Nathalie Thibault

Prelco Provider #:

AIA #:HiperfGlass HSW | GBCI (USGBC/CAGBC) #:920015324

05:30 PM

[End of program](#)



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