CSI® SYRACUSE CHAPTER

CONSTRUCTION OUTLOOK REBOOT

Thursday, October 1st, 2026 - Drumlin's, Syracuse NY

AIA Continuing Education Classes: 11:00 AM – 3:00 PM
Construction Outlook Event: 3:00 PM to 7:30 PM

Click Here to Register

AIA CONTINUING EDUCATION CLASS OFFERINGS
$10 per attendee for entire day of AIA Continuing Education Classes
Advanced purchase only; boxed lunch included
Register at www.csisyracuse.com/meetinginfo.php

SEE EVENT FLYER FOR ADDITIONAL INFORMATION NOT SHOWN HERE
(FOR MARKETING PURPOSES ONLY - SEE OFFICIAL AIA COURSE DESCRIPTIONS & LEARNING OBJECTIVES AT THE END OF THIS PDF)

Session 1A (11:30 AM – 12:30 PM in Ballroom A) – 1 AIA LU/HSW
Kevin Agostini – Barnes and Cone
Pre-Insulated Concrete Masonry

Is your masonry design stuck in the previous decade? Recent recalibrations in the 2025 NYS Energy Conservation Construction Code have quietly revolutionized how we design with concrete masonry. Join Kevin Agostini from Barnes and Cone for an essential update on why masonry is now simpler to design, faster to build, and dramatically more cost-effective. We will demystify Table C402.1.4 to show why mass systems are not required to use continuous insulation and how modern wall strengths can reduce your reinforcement requirements by half. In a region where thermal performance and durability are non-negotiable, learn how a single-wythe, pre-insulated system can provide a 4-hour fire rating, a finished interior/exterior, and R-16+ performance in one step.

Session 1B (11:30 AM – 12:30 AM in Ballroom B) – 1 AIA LU/HSW
Marissa Calaprico, CSI – WMS Sales, Inc. / Sloan
The Restroom of the Future

The "standard" commercial restroom is being left in the past. Join CSI member Marissa Calaprico from WMS Sales, Inc. for an immersive look into The Restroom of the Future. Beyond simple fixtures, we will explore how the Internet of Things (IoT), cutting-edge sustainability frameworks, and data-driven hygiene are converging to redefine the most high-traffic spaces in your next project. Whether you are designing for the downtown revitalization, the university hill, or regional healthcare hubs, this session provides the 1.0 HSW credit you need and the forward-thinking insights your clients demand. Don't just specify for today; design for the future of Syracuse.

Session 1C (11:30 AM – 12:30 PM in the conference room) – 1 AIA LU/HSW
Mike Nelson – Amico Architectural Metals
& Mike Harper, CSI - M.R. Harper & Associates
Expanded Mesh and Perforated Metal: Interior and Exterior Applications

How do you bridge the gap between bold architectural expression and high-performance building science? Whether you are reimagining a vacant industrial landmark or designing a groundbreaking new facility, the building envelope is your most powerful tool for impact. Join AMICO Architectural Metals for a technical exploration of Expanded Mesh and Perforated Metal: Interior and Exterior Applications. This session moves beyond the surface to demonstrate how high-transparency metal skins serve as a "second skin" for the modern building, providing passive sunshading that slashes solar heat gain while maintaining daylighting and views. From securing robust attachment points on existing masonry to specifying 100% recyclable materials for new LEED-platinum projects, this 1.0 HSW course provides the toolkit to transform any facade into a resilient, high-performance icon.

Session 2A (12:30 PM – 1:30 PM in Ballroom A) – 1 AIA LU/HSW
Kevin Fike, CSI – VISE Group / ASSA ABLOY
Aesthetically Designed Architectural Door Openings

Why let a standard hardware schedule compromise your design intent? We often spend months perfecting a building's rhythm and materiality, only to have the design diluted by mismatched hardware and uncoordinated openings. Join Kevin Fike for Aesthetically Designed Architectural Door Openings, a session that reframes the door opening as a critical touchpoint of architectural expression. We will explore how to achieve a "continuous design theme" that integrates seamlessly with your building's aesthetic while meeting the uncompromising demands of the IBC and ADA. From specialty trims that minimize the visual footprint of hardware to decorative finishes that survive high-traffic Syracuse environments, this 1.0 HSW course provides the technical expertise to ensure your doors are as beautiful as they are functional.

Session 2B (12:30 PM – 1:30 PM in the Ballroom B)- 1 LU/HSW
Luke Capria, CSI – ATAS International, Inc.
Sustainable Building Envelopes: Harnessing the Power of Metal in Modern Architecture

Learn how the use of metal as a cladding component may contribute to carbon neutral and net zero building goals. Learn how metal walls can use sunlight to provide the building with solar air heating. Discover how metal cladding on roofs and walls can contribute to green building objectives, including LEED certification. Explore cutting edge cool roof technologies, including UV reflective pigments and above sheathing ventilation, and how metal roofing can provide a solar ready platform for photovoltaic systems.

Session 2C (12:30 PM – 1:30 PM in the conference room) – 1 AIA LU/HSW
Alan Turner, CSI - SRS Building Products / TimberHP
Solving Performance Demands with Wood Fiber Insulation

Can your insulation solve the moisture-management puzzle of the Northeast? In the demanding climate of Upstate New York, the thermal envelope is under constant pressure from vapor drive and extreme seasonal shifts. Join CSI member Allen Turner for an in-depth exploration of High-Performance Wood Fiber Insulation, a carbon-sequestering building solution that is transforming the way we approach building science. This session moves beyond standard R-values to examine how vapor-open, hygroscopic assemblies manage moisture, eliminate thermal bridging, and provide superior acoustic buffering. We will analyze the life-cycle impact of bio-based materials and discuss how specifying sustainable, renewable insulation can meet the rigorous performance demands of Passive House, Net Zero, and modern building codes without compromising on fire safety or durability.

Session 3A (1:30 PM – 2:30 PM in Ballroom A) – 1 AIA LU/HSW
Robert Blount, CSI-CDT, PHIUS-CPHC – ROCKWOOL
Durable & Resilient Retrofits – Solving with stone wool insulation

Can Your Insulation Withstand the Next Century of Syracuse Weather?
In a climate defined by lake-effect moisture and extreme temperature swings, building envelope performance is constantly tested. Join Robert Blount, PHIUS CPHC, CSI CDT — ROCKWOOL Architectural Manager for the Northeast and Co-Chair of BEC Boston for "Durable & Resilient Retrofits: Solving with Stone Wool Insulation."
This 1.0 HSW course explores the hygrothermal performance of stone wool insulation in retrofit construction applications, moving beyond R-values to address drying potential, fire resilience, and long-term durability. Learn how to support Passive House and LEED goals while enhancing occupant health, safety, and building longevity.

Session 3B (1:30 PM – 2:30 PM in the Ballroom B) – 1 AIA LU/HSW
Jim Bourgeois, CSI – Marino\Ware
Reconsidering Cold-Formed Steel: Sustainability, Safety, and Job Site Efficiencies

Is your framing strategy built for the 2026 labor market? As project timelines tighten and skilled labor becomes increasingly scarce in Central New York, the way we frame our buildings must evolve. Join CSI member Jim Bourgeois for Reconsidering Cold-Formed Steel: Sustainability, Safety, and Job Site Efficiencies. This technical session moves beyond the basics of CFS to explore how circular steel production and high-performance framing assemblies are slashing "in-place" costs and reducing field errors. From navigating the move toward carbon-neutral manufacturing to implementing systems that boost STC ratings and fire resistance, this program provides the 1.0 HSW credit you need to design more resilient, cost-effective, and sustainable commercial structures in an unpredictable economy.

Session 3C (1:30 PM – 2:30 PM in the conference room) – 1 AIA LU/HSW
Lauren Johnston, CSI – Pella Windows and Door
Framing Excellence: Premium Fenestration for modern Architecture

Modern, premium projects demand a lot from window and door systems. What impact does fenestration material choice have on premium projects? Does material choice have an impact on the welfare of the occupants? Join CSI member Lauren Johnston for Framing Excellence: Premium Fenestration for modern Architecture. Fenestration systems impact not only aesthetics, but also a wide range of elements like safety and the energy efficiency of the building. In this course we will compare the architectural, safety and welfare needs of premium projects with the with the aesthetic, performance, budget, functional and sustainability differences of fenestration material options.

Session 4A (2:30 PM – 3:30 PM in Ballroom A) – 1 AIA LU/HSW
Jason Betar, CSI – Rulon International
Considerations for the Design of Wood Ceilings and Wall Systems

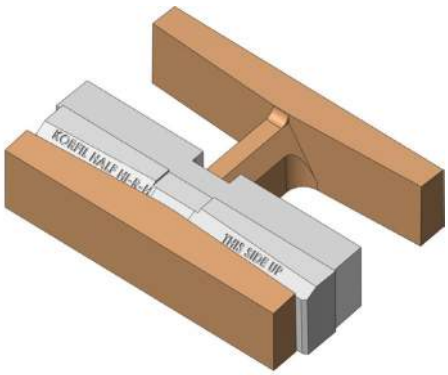
How do you bring the healing power of biophilic design into the most regulated environments? In healthcare and institutional projects, the warmth of natural wood is often the first thing architects want and the first thing the Fire Marshal questions. Join CSI member Jason Betar for a technical deep dive into the engineering and specification of Modern Wood Ceiling and Wall Assemblies. This session moves beyond surface-level aesthetics to solve the "Class A" challenge, exploring how factory-applied fire retardants and specialized core materials allow wood to meet ASTM E84 Class A fire performance standards and seismic requirements. Whether you are navigating the humidity shifts of an Upstate New York winter or detailing complex acoustics for a clinical suite, this program provides the technical roadmap to specify wood with confidence, ensuring your next project is as safe as it is inspiring.

Session 4C (2:30 PM – 3:30 PM in the conference room) – 1 AIA LU/HSW
Tim Dyer – Huber Engineered Woods
Detailing Continuity in Building Enclosure Systems

Can your building envelope survive a Syracuse winter? In an era of increasingly stringent energy codes and extreme weather, a "tight" building is only as good as its weakest detail. Join Tim Dyer from Huber Engineered Woods for a deep dive into Detailing Continuity in Building Enclosure Systems. We will move beyond the four primary control layers—water, air, vapor, and thermal—to identify the critical "failure points" where continuity is often lost. From complex roof-to-wall transitions to high-performance window flashing, this 1.0 HSW session provides the practical, code-compliant strategies needed to manage moisture and prevent structural rot in the demanding climate of Upstate New York. Don't let your design intent get lost in the details; learn how to build for longevity and performance.

Barnes & Cone
ARCHITECTURAL MASONRY
Manufacturers of Concrete Masonry Since 1926

Changes to the New York State Uniform Code and Energy Code
Masonry is Now Simpler to Design, Faster to Build and Dramatically Less Expensive



Ten years of research by the National Concrete Masonry Association's Education and Research Foundation demonstrated that the masonry design provisions in the Building Codes were overly conservative. Using the current IBC, masonry is now easier to design, faster to build and significantly less expensive.

Structures using Pre-Insulated Concrete Masonry were the most dramatically affected and this AIA /CES Course on Pre-Insulated Concrete Masonry will highlight the code changes and resulting construction details.

This course is accredited for 1 LU / HSW and will review:

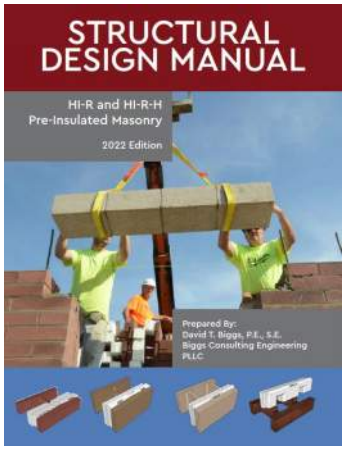
- Why mass systems are not required to use continuous insulation.
- Table C402.1.4 in the 2020 Energy Conservation Construction Code of NYS, how to use the prescriptive compliance table.
- Recalibrated CMU wall strengths potentially requiring half the reinforcement than our previous code.

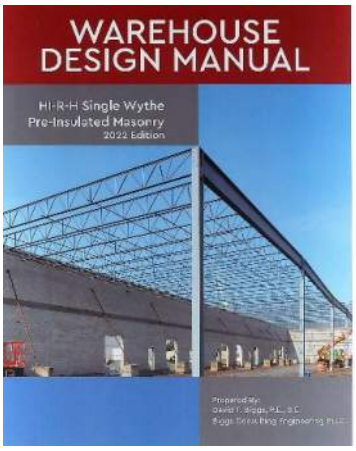
The presentation uses construction photography of projects using this new generation of pre-insulated block. We'll focus on how to detail reinforcement, wall openings, lintels and show how utilities can easily be installed in the pre-insulated concrete masonry walls.

We'll present a series of before and after photographs showing masonry elements being installed, then how they appear in the finished wall.

These systems are unique. A mason, installing one 11 5/8" wide wythe of solid grouted masonry, achieves what would otherwise require multiple trades installing many layers of different materials.

One single layer of Hi-R H masonry and building owners can receive:
Attractive exterior finish
Attractive interior finish
Engineered load bearing structural masonry walls
Mass insulation exceeding R-16, with the mass on the interior side of the wall where it provides the greatest thermal benefits
Moisture barrier
4 hour fire rating
ASHRAE requires no air barriers for solid grouted masonry.
These solid grouted walls have great impact resistance in rough industrial or forklift environments.
Solid grouted masonry walls aren't damaged if a water event occurs inside the building such as a plumbing failure.
There is plenty of room for electrical conduit and PVC pipe to run within the cmu cores to electrical boxes.
Utilities and fixtures can be secured directly onto the concrete masonry wall using simple screw systems.





The 2023 Edition of CPG's Thermal Properties Guide, Pre-Insulated Masonry Detailing Guide, David Bigg's 2022 Structural Design Manual and the Warehouse Design Manual will be available after this presentation. The Design Manual comes with a video tutorial that contains time saving information.

If you are interested in a Learning Unit presentation, just email a date and time that works best for you:

Rick Roach	Jim O'Brien	Tom Tallman	Kevin Agostini
r.roach@barnesandcone.com	jimobrien@barnesandcone.com	ttallman@barnesandcone.com	kevinagostini@barnesandcone.com

Thank you for considering a structural masonry system!

AIA/CES Registered Provider Program Summary

AIA Continuing Education Provider

Provider Name: AMICO Architectural Metals
Provider Number: #Z217
Program Title: Expanded Mesh and Perforated Metal Interior and Exterior Applications
Course Number: K2411DE
Length: 1 Hour
Credit: 1 AIA LU/HSW; 1 IDCEC CEU/HSW
HSW: Yes

Course Description

Expanded mesh and perforated metals offer excellent opportunities to bring new design elements, textures, and in some cases functionality to your project. In this lunch and learn presentation we will discuss some of the properties of these two materials, cover considerations you should make while designing, and expand on different applications and their functional benefits.

Learning Objectives

Learning Objective 1:
Examine the features and benefits of expanded mesh, focusing on how the materials not only enhance aesthetics but also provide essential functionality, such as reducing solar heat gain.

Learning Objective 2:
Explain how perforated metal is manufactured and describe its features and performance benefits.

Learning Objective 3:
Explore specification options that enhance the applications of expanded mesh and perforated

metals, including considerations for lighting, attachment methods, span, trim, and LEED® guidelines.

Learning Objective 4:
Apply the knowledge gained from this course to various architectural applications, such as facades, equipment and rooftop screens, interior surfaces, ceilings, sunshades, acoustic panels, and adaptive reuse projects.

Method of Delivery
Lunch and Learns are offered at no cost to your firm. Please email the office to make an appointment for this presentation. Course credits will be reported to AIA for continuing education credits.

For More Information:
nsweitzer@amicoarchitectural.com

The Restroom of the Future

1 AIA LU/HSW; 1 GBCI CE Hour; 1 IDCEC CEU/HSW; 0.1 ASPE CEU

The A&D industry, plumbing manufacturers, and municipalities are conducting a great deal of research and development into technological advancements, sustainable features, design trends, and the social implications of today's commercial restrooms. The Internet of Things (IoT) facilitates sweeping changes to restrooms of the future, and sustainability initiatives are pushing energy efficiency and water conservation to the forefront of restroom design. This course will discuss these issues and more, including forward-thinking restroom designs and innovative technologies that will help you design connected, user-friendly, and sustainable commercial restrooms.

RULON INTERNATIONAL

DESIGNING WITH WOOD
PROGRAM DOCUMENTATION

CEU OUTLINE

DESIGNING WITH WOOD

AIA PROVIDER NUMBER: **J596**
AIA PROGRAM NUMBER: **R001**
AIA DESIGNATION: **HSW**

IDCEC PROVIDER NUMBER: **12-00001749**
IDCEC COURSE NUMBER: **CEU-104858**
IDCEC DESIGNATION: **HSW**

The following is a brief outline of the program.

The AIA/IDCEC course is entitled **Considerations for the Design of Wood Ceilings and Wall Systems**.

LEARNING OBJECTIVES

- Understand the various characteristics of wood species
- Discuss the configurations or profiles most commonly found in wood ceilings & walls
- Recognize the value of engineering and early involvement
- Discuss project completion and operations & maintenance
- Understand and identify the acoustics of a room
- Review sustainable manufacturing through both product and practice
- Evaluate the relationship between wood and water
- Reinforce the need for life safety and the fire performance of wood
- Compare options and review the concern of seismic zones
- Discuss solution-based integrations and the benefits of coordinated detailing
- Determine general costing for specific items and various wood species

OVERVIEW

Rulon International has developed a program to help facilitate the use of wood in interior ceiling and wall design applications. Wood, a material as complex in its origin as its use, requires significant processing and evaluation before it can be used to liven an interior space. Starting with the base material - the tree itself - and ending with a discussion of the various applications, Designing with Wood will review the primary steps involved in designing and specifying wood ceiling and wall systems.

Rulon is the leading manufacturer of suspended wood ceiling and wall panels. Please do not hesitate to call me with any questions. I look forward to meeting you and your team.

RETHINK STEEL FRAMING

Explore ways in which steel framing is the obvious choice.

Marino\WARE® is dedicated to delivering comprehensive training and education focused on steel-framing best practices, industry standards, and cutting-edge product innovations. Our commitment also extends to offering specification review services to ensure the highest quality outcomes for your projects.

You will find more information on one of our most popular CEU offerings below. Please contact me to today to schedule a personalized in-person or virtual learning sessions for this presentation, to explore our full range of AIA-accredited presentations, or to schedule a specification review.

MW007 | Reconsidering Cold-Formed Steel: Sustainability, Safety, and Job Site Efficiencies

CREDIT : 1 AIA LH/HSW (1 Hour)

Cold-formed steel is a sustainable and cost-effective framing solution that has been used for over a century in commercial and residential construction. This course will re-examine the material from a modern lens, exploring the many environmental and construction benefits of cold-formed steel, how its manufacturing process has become more sustainable, and how it saves time and labor on jobsites. We will also discover cold-formed steel framing products that improve jobsite safety, sound transmission, and fire resistance so you can design projects that are both resilient and comfortable for building occupants.

Learning Objectives:

- Understand what cold-formed steel is and the numerous environmental and construction benefits of this widely-used material.
- Discuss the cold-formed steel manufacturing process and the industry's move from extractive to circular steel production.
- Explore the improving sustainability of steel, including innovations that boost recyclability, reduce energy use, and curtail emissions.
- Examine cold-formed steel framing products that can help project teams build safer buildings more efficiently.

About Marino\WARE:

For over 30 years, Marino\WARE® has served our customers with top quality cold-formed steel framing products that deliver solutions to construction challenges. As a recognized leader in quality, service, and selection, we offer a full line of structural and non-structural framing, shaftwall/area separation products, plastering steel, and drywall finishing products. We are also proud to offer a collection of innovative framing products designed for speeding construction time, extending the life cycle of a building, and reducing in-place cost to the owner.

Our commitment to quality products extends to best-in-class design support. The Marino\WARE® DesignGroup™ offers a full range of technical support and engineering services, including professionally engineered stamped shop drawings, design and installation assistance on all Marino\WARE manufactured products, and expert advice on structural, nonstructural, fire and sound assemblies.

Jim Bourgeois | Architectural Sales Representative | jbourgeois@marinoware.com | c: 732.253.2678
Technical Services | engineering@marinoware.com | 866.545.1545

Aesthetically Designed Architectural Door Openings

IDCEC PROGRAM: CEU-106725 1 CEU Unit

AIA PROGRAM: AD-510 1 AIA/CES Unit

Doors and door hardware may be the most intimate points of contact we have with a building. We're affected by the way a door looks, and by the way the lever or pull on that door feels. And while the first job of doors and hardware may be to keep what's behind them safe and secure, they should also insulate us from noise; create a barrier against the heat and the cold; be sustainable and energy efficient; and, be aesthetically harmonious with the dominant character of a space.

Savvy Building Owners, Developers, and Designers are deploying Good Design to their advantage to differentiate their facilities and to appeal to discriminating customers. Join ASSA ABLOY to learn how Decorative Door, Frame, and Hardware Solutions can contribute to customer experiences and to the built environment. Learn about:

- Distinctive flush and stile and rail wood doors and frames
- Thermally-fused, low-pressure laminate doors ideal for hospitality/guest room applications
- Embossed hollow metal and stainless steel doors and frames
- Suited (door lever, pull, hinge, stop, and hook) hardware collections
- Locking pulls for glass, wood, and metal doors
- Barn door sliding hardware solutions for glass, wood, and metal doors
- Glass door panic device
- Specialty trims that minimize the appearance of hardware on the door
- Attractive access control solutions

TIMBERHP

AIA

Credit awarded:1 LU HSW

JOIN US FOR

Solving Performance Demands with Wood Fiber Insulation

About this Course:
Wood fiber insulation is now being produced in America. Learn how wood fiber insulation can help provide high performance above grade insulation products to create wind-tight, vapor-open assemblies offering stable, long-term R-values, improved temperature stability, and robust sound protection. A review of current insulation available today and an introduction to wood fiber insulation as a readily available alterative solution. A deep dive into current code compliant assemblies with the introduction of wood fiber insulation and how it fits into the wall assembly to provide a vapor open alternative. Finishing the session by discussing the current state of building materials carbon emissions impact and how Life Cycle Analysis help reveal impact areas that need to be addressed. Carbon sequestration can help dramatically reduce carbon emissions and wood fiber insulation offers can help.

Prerequisite Knowledge:
Working knowledge of wood frame building envelopes. General understanding of thermal and sound insulation.

HSW Justification:
Course will provide introduction to the benefits of using wood fiber insulation for R-Value and sound performance to help meet code compliance requirements. Wood fiber insulation discussion will help participants understand the benefits which include readily available sustainable alternatives to current insulation products; non-toxic material and open flow-through assemblies promote indoor air quality; acoustic benefits; jobsite friendly for installers and helping to promote a new forest economy.

Learning Objective 1:
Working knowledge of insulation products available on the market today and the impact of new building codes on the building envelope. Convey why now more than ever selecting the right insulation has a greater impact on our environment than ever before.

Learning Objective 2:
Understanding of wood fiber insulation which includes a knowledge of positive sustainability implications; fire, bugs and water and why wood fiber stands-up to these field liabilities and perform to code. knowledge of the various forms of wood fiber and practical applications for each.

Learning Objective 3:
Ability to explain the importance of code compliance and how climate zone impacts assembly design. Ability to understand thermal bridging and how to address the condition, especially in cold climate regions.

Learning Objective 4:
Knowledge of Life Cycle Analysis modeling and how it is used to help better understand building materials impact on the environment. A strong understanding of Embodied Carbon Emissions and how product selection moving forward can help reduce its impact on the environment.

AIA Registered Provider Program Summary

Provider Name: ROCKWOOL

Program Title: Durable & Resilient Retrofits – Solving with stone wool insulation

Course Number: RWNA210502

Length: 1Hour(s) **Credits**:1 **Type**:LU|HSW

Program Overview:

Globally, existing buildings account for approximately 30% of final energy demand and CO2 emissions. Typical renovation rates are 1-2% of the building stock per year, with an average energy use intensity (EUI) reduction of less than 15%. However, to reach sustainable development and climate targets, EUI reductions should be between 30-50%. In addition to energy and emissions conservations, building retrofits improve occupant health and comfort. In many cases, existing buildings are poorly insulated and leaky, resulting in excess heat loss and reduced thermal comfort. Mechanical systems are often outdated and inefficient, requiring consistent maintenance. With spending most of our time indoors, indoor health and comfort can be a priceless attribute that can be crucial for building renewal investment. This course will review core concepts to consider when implementing energy conservation measures through retrofit & renovation; Three unique case studies are provided to highlight the complexity of renovations and look at the ever-present challenges of extreme weather events.

Learning objectives:

- Why retrofit? – Understanding where retrofit and renovation fits in a building's energy conservation strategy and more broadly explain why retrofitting existing building stock contributes to GHG emission targets.
- Retrofitting for enclosure durability – Retrofits demand unique strategies for both interior and exterior projects. We will explore design considerations that must be made for both applications, focusing on moisture, drainage, and drying.
- Stone wool retrofit solutions – 3 case studies focused on three unique retrofit solutions; highlight critical design considerations that were made, how those criticalities were managed and the resulting assembly design.
- Considerations for survivability – Extreme weather events have been on the rise over the past decade. With power outages, flooding, and fire risk becoming more commonplace, this section seeks to understand ways to manage these events – designing for survival as well as comfort.

Facilitator Qualifications:

- All ROCKWOOL CES facilitators have been trained on CES guidelines and presentation skills.

Method of Delivery:

- The CES facilitator utilizes a PowerPoint presentation to provide an in-depth overview of mineral wool insulation.

Audio/Visual required:

- Laptop and projector. (The CES facilitator supplies the laptop and projector unless other arrangements have been made before the day of the presentation.)

Cost to participants:

- There is no cost to bring this program into your firm or chapter meeting.

ROCKWOOL 8024 Esquesing Line, Milton, Ontario L9T 6W3
T: 905-878-8474 or 1-800-265-6878 www.rockwool.com