CHANGE ORDER

CONSTRUCTION SPECIFICATIONS INSTITUTE CHICAGO CHAPTER





Tuesday, March 26 | Chapter Meeting
Chicago Building Code Update
From DOB Commissioner

See page 5

FROM THE PRESIDENT	2
MEMBER CONNECTION	3-4
CHAPTER EVENTS	5-8
CHAPTER QUICK READS	9
CHAPTER ARTICLES	10-11
CSI BEYOND THE CHAPTER	12
INDUSTRY EVENTS	13





Upcomina	Chapter	' Events

3/13 Technical Roundtable: Breaking The Bank With Blockchail
3/14 CSi2eye: Technical Education Event (Registration closed)
3/22 Industry Roundtable: Visual Presentation Skills
3/26 Membership Meeting: Annual Report & Election
3/26 Chapter Meeting: Chicago Building Code Update

3/29 Meet The Reps Roundtable: Air Barriers For All Seasons

4/04 Social Event: Bidding & Beers - Bidding & Estimating Challenge

4/23 Chapter Meeting: Relationship Building For AEC Professionals

4/26 Industry Roundtable: Book Discussion "Atomic Habits"

4/27 Rebuilding Together: Home Rehab Community Service Event

Included Articles

10 The Importance of Sufficient Mortar Coverage in Large Format Tile Installations

11 125+ Attendees Make 16th Annual Building Enclosure Event A Success

LEADERSHIP TEAM 2018-19

PRESIDENT

Peter Grotenhuis CSI, CDT

PRESIDENT-ELECT

Andrea Baird CSI, CCCA, AIA, P.E., LEED AP

VICE PRESIDENT

Jennifer Friedland CSI, CDT, LEED GA

VICE PRESIDENT

Heather Rice
CSI, CDT, ICRI Certified

SECRETARY

Chris Carpenter CSI, CCPR

TREASURER

Elias Saltz
CSI, CCS, LEED AP

MEMBERSHIP OFFICER

Robert Moretti
MBA, CSI, CDT

DIRECTORS

Renee Doktorczyk FAIA, CSI, CCS, SCIP

Scott Conwell

FCSI, CDT, FAIA, LEED AP

Chris Walsh

CSI, CDT, LEED GA

Guadalupe Casimiro

CSI

Randall Chapple

CSI, CCS, AIA, SE

Brad Schwab
CSI. CDT

JO., J.

IMMEDIATE PAST PRESIDENT

Melissa Gibson

NCARB, CSI, CCS, CCCA, LEED AP BD+C

DIRECTOR - NCR

Drew Clausen CSI

EXECUTIVE DIRECTOR

Beth Winkler

CLICK TO VIEW OUR LEADERS

Peter C We're h of the y

New Ways To Connect With Members Peter Grotenhuis, CSI, CDT

We're heading straight into some of the busiest CSI Chicago months of the year, with plenty that shows the variety in what our chapter offers. From educational events highlighted by engagement with the City of Chicago Building Department to fostering professional connections at CSI2eye, we are excited at what's coming on the

calendar. We will be announcing the winners of the Student Outreach Scholarship on March 26 as well as continuing our involvement with Rebuilding Together, tackling a reconstruction project on April 27 for an amazing Chicago family in need of help. There are so many ways that CSI Chicago helps you get involved in the most relevant construction topics and discussions, while connecting you with others and giving back to our community.

While our events have always brought our members together, we now have a tool to make it even easier to share information, knowledge, ideas and content within the Chicago construction community. The M2M Connection area of our website is a great place to visit to see how you can get involved with sharing construction knowledge. We are always looking to showcase members, projects, and articles, so please look and see about using CSI Chicago to get involved in discussions and activities. With Committee Connection, you can start getting involved early as we make plans for our Chapter going into next year. I encourage you to check out the new M2M Connection webpage and provide content for an upcoming newsletter.

Congratulations to the finalists for this year's CSI Chicago Student Outreach Scholarship Awards; Hayden Van Slooten, Isabella Mazzulla, Junghyo Woo, Kat Bernardo, Keigo Yamazaki, Lijian Ma, Prim Rattanathumawat, Sanghyo Kim, Sumin Oh, and Zach Zuspan. These IIT students continued the tradition of impressive entries for the scholarship awards, which will be announced at the upcoming March chapter program. We're excited to have several of these students joining us for our March 26 Chapter Meeting. I hear daily how the shortage of younger people entering all fields of construction is a troubling trend. I'm proud that our Chapter continues to support our efforts with students. For any person interested in expanding and advancing their construction knowledge, CSI as a great path to obtaining this knowledge and professional relationships, regardless if they are starting out or an established professional.

With the house selected we are working toward National Rebuilding Day on April 27th, 2019. This year we are helping a home owner who is in her 90's who also cares for her disabled adult daughter at her home. There's a lot to do and all are welcome to lend a hand on April 27, whether you are handy or not. Please make a commitment to volunteer yourself on the rebuild day or donate to a very worthy cause. Learn how easy it is to be a part of it on our 2019 project webpage.

Before we know it, the Awards Banquet on May 15 and Golf Outing on June 27 will be here as well. Look for information on those events to come out soon.

With so many excellent events covering the next few months please make sure to take time to register early to reserve your spot.

F1-91.

Member Connection



Member Spotlight
Matt Martino, CSI

Matt Martino began his career in January 2006 as an architectural sales rep before deciding to start his own independent rep agency, Blue Line Building Products. Matt believes knowledge of products, honesty, and trust will

lead to a successful career.

When Nike needed 50% open air perforated panels for their corporate HQ, Matt stepped up to the challenge. His team developed a custom perforation pattern that incorporated Morse code. The engineering requirement of the 9-ft. free-span with a 50% open air perforated panel was challenging but the endresult is one of the most impressive uses of architectural single skin in the country.

When not helping to solve the world's architectural product problems, Matt enjoys spending time with his wife, 2-year-old son, and 5-year-old daughter. Matt has also spent time as a volunteer baseball coach at Roberto Clemente High School.

We Want To Spotlight You Next!

If you are interested in being spotlighted, let us know.

Please <u>click here</u> and fill out a Member Spotlight Form to share more about you with your fellow members.



Member Tip Lance Parker, CSI

Bluebeam® Revu®

At Thornton Tomasetti, we use a software called "Bluebeam" when working with pdfs. I hope everyone is aware of this software, because you can do so much with it when

working with a PDF. I highly recommend it.

Bluebeam Revu delivers award-winning PDF creation, editing, markup and collaboration technology for your design and construction workflows. It helps keep teams on the same page through the **design process**, helps move the project forward during **construction**, and preserves important project data through **completion** and beyond.

For architects, engineers and contractors, the markup and collaboration tools in Bluebeam Revu allow for faster, more accurate and more thorough quality reviews. Revu makes your drawings, plans and documents work smarter.

www.bluebeam.com

Share A Tip With Your Fellow Members

Is there a business tool, website, app, book or blog you use to help make your professional life easier and more efficient?

Please <u>click here</u> and fill out a Member Tip Form to share your tip with fellow members.

Welcome New Members

Adrien Binet, CSI
Gabriel Bode-Jimenez, CSI-EP
Thomas Burger, CSI
Moshe Calamaro, CSI
Jennifer Kuether, PE, CSI
Chicago Engineers

Kyle Magnuson, CSI, CDT Raths. Raths and Johnson

Anthony Oral, CSI-EP

Eric Prester, CSI

Momentive Performance Materials/GE Silicones

Paul Sowacke, CSI Robert Wankewycz, CSI

Congratulations!

204 candidates passed CSI Certification exams during the Fall 2018 season.

See the complete list online to congratulate them.

Members On The Move



Chris Carpenter, CSI, CCPR, was awarded the 2018 AIA Northeast Illinois Architects in Action Service Award as Affiliate Member, recognizing business excellence, integrity and social responsibility.



Drew Clausen, CSI lead the Architectural Solutions Team that received the Owens Corning "Top Team Growth" award, which acknowledges the excellent work they have done to build trusted relationships with AEC professionals.



Larry Nordin AIA CSI-CCS has moved to BatesForum as a Senior Technical Architect/Associate Principal. He will be working with both BatesForum and Lamar Johnson Collaborative.

Please <u>click here</u> and fill out the Members On The Move Form to share your personal or professional news/ achievements.

Project Showcase

FitzGerald Associates Architects

The redevelopment of an angular site that was once home to the Gonella Baking Company, Spoke is a vibrant, transit-oriented, mixed-use development in Chicago's River West neighborhood.

In addition to supporting the influx of housing and retail demand in the area, the development brings to the community new amenities and a customer base that benefit local residents and businesses alike.

At street level, the development includes 10,000 square feet of retail space, tailored for a major grocery tenant or subdividable for neighborhood retail uses. Car and bicycle sharing are available to residents and neighbors as well as parking for over 300 vehicles including dedicated electric vehicle charging spaces.





Click here for more details and photos online.

Share Your Firm's Project

If you were on a team that just completed a project, <u>click here</u> and fill out a Project Showcase Form.

Membership Milestones

30+ Years

W. Dean Walker (53 yrs) CSI, CCS, AIA, SCIP

Dennis McNeil (51 yrs) CSI, CCS

Bruce Schmiedl (40 yrs)
CSI, AIA
College of DuPage

Thomas Engstrand (39 yrs)
CSI, CCS, AIA, LEED AP, NCARB
Skidmore Owings and Merrill

Joseph Stypka (34 yrs) FCSI, CCS, CDT, AIA, FAIA Perkins+Will 30+ Years (cont.)

Alan Itzkowitz (32 yrs)

FCSI, CCS, CCCA, CDT, AIA, ALA, LEED AP, SCIP ABI Specifications Consulting

Charles Hart (32 yrs)
CSI. CDT

Hart Associates

Ronald Spellich (31 yrs)

PE, CSI, CDT Klein and Hoffman

5 Years

Mary Hoffman, CSI, CDT

Robert Anderson, CSI, CDT

Paul Drake, CSI

AGC Glass Company of North America

Thank you to all of our members who are celebrating an anniversary with CSI Chicago this month. Membership Milestones features members who are celebrating 5 yrs, 10 yrs, 15 yrs, 20 yrs, 25 yrs and 30+ yrs.

Chapter Event

Building Chicago's Future – Modernizing City Code

Chapter Meeting

In recent years the City of Chicago has modernized and streamlined its building permit process, making it easier and more cost effective to build, while maintaining high standards for quality and safety. The Department of Buildings is now moving forward on a multiphase effort to update and modernize Chicago's building code.

Buildings Commissioner Judy Frydland will provide an overview and the latest updates on this ambitious undertaking, which represents the first comprehensive update to Chicago's Building Code in over a half century.

FULL DETAILS & REGISTRATION

EVENT SPONSORSHIP OPPORTUNITIES

Student Scholarships

Winners of the 2019 Student Scholarship will be announced at the chapter meeting.



2018 Recipients & Sponsors

Date: Tuesday, March 26, 2019, 5:00-8:00 PM **Location:** Maggiano's Little Italy, Chicago

Cost: (includes dinner)

CSI Chicago Members are Complimentary

Nonmembers \$55 Students \$20

Registration: Due by March 19



Judy Frydland, Commissioner, Chicago Department of Buildings

Since Commissioner Frydland's appointment in 2015, the Department has implemented several reforms that have streamlined the permit process for all building projects, from single-family home

renovations to large-scale developments, making it quicker and more efficient to obtain a permit than ever before.

Prior to joining the Department of Buildings, Ms. Frydland spent 25 years in the Chicago Law Department working with various city departments, community groups and other stakeholders on the enforcement of building code, municipal health and business license regulations.



Chapter Event

Chapter Annual Report and Election

Membership Meeting

Presented by: Peter Grotenhuis, CSI, CDT CSI Chicago Chapter President

The annual report provides an opportunity for chapter members to learn more about what is happening within the chapter. Attendees will be informed on current events, committees, the chapter's financial state, and more. At the conclusion of the report, the proposed election slate as listed to the right will be presented to membership for action.

Date: Tuesday, March 26, 2019

Time: 4:00-5:00 PM

Location: Maggiano's Little Italy, Chicago

Cost: Complimentary and open to chapter members. **Registration:** Kindly register by March 24, 2019.

REGISTRATION

Election Slate for CSI Chicago Fiscal Year 2020 June 30, 2019 - July 30, 2020

Position - Member Name	Term Ending
President-elect - Brad Schwab, CSI, CDT	June 30, 2020
Vice President - Scott Conwell, FCSI, CDT, FAIA	June 30, 2021
Secretary - Chris Carpenter, CSI, CCPR	June 30, 2020
Treasurer - Elias Saltz, CSI, CCS, SCIP	June 30, 2021
Membership Officer - Robert Moretti, MBA, CSI, CDT	June 30, 2020
Director - Rachel Nava, CSI, CDT	June 30, 2021
Director - Paul Fogarty, CSI, CDT	June 30, 2021
Director - Jeremy Olsen, CSI, CCS, CCCA, AIA, LEED AP	June 30, 2021
Director - Heather Rice CSI, CDT, ICRI Certified	June 30, 2020
NCR Director - Drew Clausen, csi	June 30, 2020

Officers Continuing Or Assuming New Roles for FY2020 With Terms Ending June 30, 2020

Position - Member Name

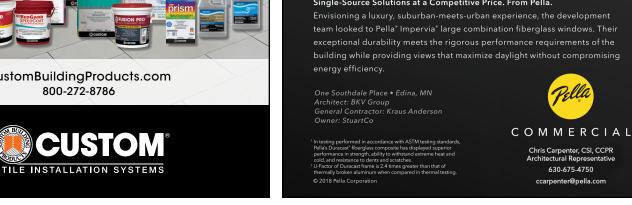
President - Andrea Baird, CSI, CCCA, AIA, P.E., LEED AP Vice President - Jennifer Friedland, CSI, CDT, LEED GA

Director - Randall Chapple, CSI, CCS, AIA, SE

Director - Guadalupe Casimiro, csi

Immediate Past President - Peter Grotenhuis, CSI, CDT







Chapter Events

11th Hour Bidding

Social Event

Can you hack it on bid day? Let's find out!

Please join us as ASPE and CSI Chicago come together for "Bidding & Beers," an exciting and hands-on fundamental construction exercise on putting together accurate construction project bids. No estimating skills required. All professions and experience levels are welcome.

What to expect from an 11th Hour Bidding event:

This will be a fast-paced group activity that gives you a taste of what life is like inside the bid room on bid day. Teams will receive subcontractor bids, find the most qualified bid, assemble the bid sheet, and submit their final bid number by the deadline.

FULL DETAILS & REGISTRATION

EVENT SPONSORSHIP OPPORTUNITTIES



Date: Thursday, April 4, 2019 6:00-8:30pm

Timeline: 6:00pm - Complimentary Pizza/Drink*

(beer, wine, & n/a beverages)

6:30pm - Finalize Teams - Don't be late!

6:40pm - Competition Begins 8:00pm - Winners Announced

Cost: Members and guests: \$20

Students \$10

Sponsorship \$200 (includes event ticket)

Registration: Register by Friday, March 29.

*Attendees must be 21 to consume alcoholic beverage. Please drink responsibly. Consumption of alcoholic beverages impairs your ability to drive a car or operate machinery, and may cause health problems.





Wall systems from BASF help your project succeed. With energy efficiency, fire performance, and cost benefits far superior to Metal Composite Materials (MCM) - Music City Motor Cars is a proven example. By incorporating BASF Metallic Effects on a BASF Continuously Insulated (CI) wall system, this project complied with building code requirements and provided a look that exceeded the architect's expectations.

Design Flexibility. Code Compliance. Performance. Let BASF help with the building science, so you can focus on designing the building your clients desire.

Contact David Meyers (david.meyers@basf.com, 630-423-1980)

BASF Corporation - Wall Systems | Jacksonville, FL | P: 800.221.9255 | www.senergy.basf.com

Chapter Events

Breaking the Bank with Blockchain: An introduction to blockchain and how it could impact the architecture/construction industry.

Technical Roundtable Wednesday, March 13, 2019 from 12:00 - 1:00 PM

DIRTT Environmental Solutions, Chicago, IL

Presented by: Kyle Molidor & Max Snow - Duane Morris Explore the world of blockchain and what changes it could bring to the architecture/construction industry in the near future.

FULL DETAILS & REGISTRATION

Air Barriers For All Seasons

Meet the Reps Roundtable

Friday, March 29, 2019 from 12:00 - 1:00 PM Antunovich Associates, Chicago, IL

Representatives:

BASF - Garrett Hovest, CSI Henry - Scott Wolff, CSI, CDT Tyvek/Parksite - Matt Reed, CSI

Moderated by: Kurt Moehlmann, CSI, CDT | RPI, LLC

FULL DETAILS & REGISTRATION

Oldcastle BuildingEnvelope® Engineering your creativity Patrick Duffy, CSI, CCPR Local Representative Architectural Windows Oldcastle BuildingEnvelope® Hi-Performance Glass 283 Inverway Inverness, IL 60067 Curtainwall Direct Phone (847) 705-9190 Terrace & Sliding Doors Mobile Phone (708) 707-9190 Fax (847) 705-0940 pduffy@abuildingproducts.com



Visual Presentation Skills

Industry Roundtable

Friday, March 22, 2019 from 12:00 - 1:00 PM Pella Windows & Doors Showroom, Chicago, IL

Interactive session led by:

Scott Conwell - IMI & Paul Fogarty - SJ Mallein & Associates This highly interactive roundtable will examine a sampling of various attendees' PowerPoint slides, and attendees will be asked for candid, constructive feedback.

FULL DETAILS & REGISTRATION

Book Discussion Atomic Habits by James Clear

Industry Roundtable

Friday, April 26, 2019 from 12:00 - 1:00 PM FitzGerald Associates, Chicago, IL

Interactive session led by: Scott Conwell- IMI

Join us to explore how the topics discussed in this book specifically relate to design and construction professionals and how these tools can not only help your career but can be applied to making your projects more successful as well.

FULL DETAILS & REGISTRATION



AIR & WATER-RESISTIVE BARRIER COATING

Beneath the façade, above the rest.



- Unlimited UV exposure
- Excellent performance in open joint rain screen systems
- · Building Code and NFPA 285 compliant
- Warranties available up to 20 years
- · One-coat, primerless application
- · Rain ready in as little as 30 minutes
- Cold weather application down to 0° F/-18° C

Bring built-in resilience to your next project.

(specify today)) siliconeforbuilding.com

Before purchasing or using any Momentive products, please visit www.siliconeforbuilding.com/LegalDisclaimer to view our full product and sales disclaimer.

GE is a registered trademark of General Electric Company and is used under license by Momentive Performance Materials Inc.

*Elemax is a trademark of Momentive Performance Materials Inc.

Copyright 2018 Momentive Performance Materials Inc. All rights reserved.

Chapter Quick Reads

Building Stronger Member Connections

If you are looking to create a deeper connection with your fellow CSI Chicago members, you want to check out our new Member-To-Member (M2M) Connection page on our website. It is designed to provide members with the tools to share information, knowledge, ideas and content amongst the chapter.

VISIT M2M CONNECTION

Jeff M. Diqui

Director, Industry Development and Technical Services

Office: 630-396-7141 Cell: 630-606-8220 jdiqui@imiweb.org

2140 W. Corporate Drive Addison, IL 60101







Rebuilding Together - Rebuild Day Is Near

The Rebuilding Together committee recently completed their home visit to plan for rebuild day. They found the kitchen floor in desperate need of repair and deemed it so unsafe that they did a temporary fix until they can provide a new floor in April.

Mrs. Smith (photo right) tested/approved the temporary fix.

Be a part of helping provide this family with much needed home improvements to live a life of safety and happiness

LEARN HOW TO BE A PART OF IT

Update Your CSI Profile

With the introduction of our M2M Connection, more members will be utilizing our online member directory. If your profile is not updated with your most current information you may miss out on opportunities. Please log in to the CSI Chicago website and update your profile today.

CSI ACCOUNT LOG IN

If you are having issues accessing your CSI online account, membership services at the national office are just a phone call away at 1-800-689-2900 (option 2) and can assist you in regaining access.





METALFABRICS

Matt Martino
773.251.0066
mmartino@bluelinebp.com

Chapter Articles

The Importance of Sufficient Mortar Coverage in Large Format Tile Installations

Reprinted from Scott Conwell's LinkedIn Article.



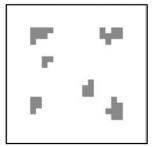
Written by: Scott Conwell, FCSI, FAIA
There are many factors that contribute to
the ability of a tile to permanently bond
to the substrate, including substrate
preparation, proper selection of setting
material, environmental conditions during
installation, application of bonding mortar,
and embedment of the tile. This article

examines standards for mortar coverage, perhaps one of the most important criteria to achieving a good bond.

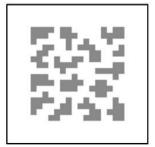
If a project's architectural specifications reference ANSI A108 American National Standard Specifications for the Installation of Ceramic Tile, the tile contractor is obligated meet the minimum mortar coverage requirements specified in the standard. Even if the specification does not refer to ANSI, or if there is no specification, it is widely acknowledged that the mortar coverage requirements stated in ANSI represent best industry practice.

The coverage requirements stated in ANSI A108 apply to glazed wall tile, ceramic mosaic tile, quarry tile, paver tile, and other unmounted vitreous and impervious tile to be installed on walls, ceilings, or floors with modified or unmodified dry-set Portland cement mortar. The standard excludes requirements for glass tile, stone tile, gauged porcelain tile (GPT), and GPT panels/slabs.

For the types of tile covered by the standard, the average mortar contact area shall be a minimum of 80% for interior non-wet areas (i.e. maximum 20% voids in the mortar), and a minimum of 95% for exterior areas and showers (i.e. maximum 5% voids in the mortar). Best practices extend the 95% requirement to all wet areas, not only exteriors and showers. ANSI defines wet areas as "tile surfaces that are either soaked, saturated, or subjected to moisture or liquids (usually water) such as in gang showers, tub enclosures, showers, laundries, saunas, steam rooms, swimming pools, or exterior areas."



This figure represents a 12"x12" tile with 95% coverage (5% voids), as required for wet areas and exterior tile installations. This diagram also shows no voids larger then two square inches, and no voids withing 2" of corner or edge, which is not required of ANSI but is representative of best industry practice.



This figure represents a 12"x12" tile with 80% coverage (20% voids), as required for interior non-wet areas. This diagram also shows no voids larger then two square inches, and no voids withing 2" of corner or edge, which is not required of ANSI but is representative of best industry practice.

As any skilled tile setter knows, it isn't enough to merely spread mortar to the 80% or 95% requirement for contact area; the tiles must be fully and adequately embedded in the mortar to meet coverage requirements. ANSI describes successful tile embedment by keying mortar into the substrate with the flat side of the trowel, then combing the mortar with the notched side of the trowel in a single direction, then finally beating in the tile or pushing it in a direction perpendicular to the combed ridges (it should be noted that very large tiles like GPT panels employ alternative embedment techniques).



Transparent plexiglass simulates a tile laid in thin set mortar applied with a curving motion of the notched trowel. Note the inability of the ridges in the mortar to collapse due to nonuniformity of the troweling.



Transparent plexiglass simulates a tile laid in thin set mortar applied with a one direction motion of the notched trowel. Note the deal imbedment of the tile due to the ease of mortar ridge collapse.

The ANSI Standard includes a rovision to check for coverage in freshly laid tile by removing not less than three tiles for visual inspection. If the ridges in the mortar are collapsed, that's an indication of good coverage.



To verify proper coverage and embedment, lift a tile and examine the back of the tile for mortar coverage, and examine the substrate for ridge collapse. This photo is an example of ideal coverage and embedment.

Architects and other design professionals want to ensure that the tile assemblies on their projects achieve sufficient mortar coverage and a good bond. ANSI A108 provides a thorough definition of what those coverage requirements are and how to achieve them. An additional measure that may be taken is to require tile installers who have been certified in the Advanced Certifications for Tile Installers (ACT) for Large Format Tile, an industry-wide program that evaluates installers on mortar coverage and other critical points of installing large format tile. Since ACT verifies tile setters' knowledge and ability to install to the ANSI standards, the certification can be an effective means of ensuring a successful, lasting installation. Architects who specify qualified installers like TCAA Trowel of Excellence contractors and BAC tile setters who are ACT-certified in Large Format Tile can be confident that the installers have been trained, tested, and certified in providing tile assemblies that meet or exceed best industry practices in mortar coverage and other aspects of tile installation.

Click for original article and to make comments.

Recommend An Article

If you read or write an interesting article, please share it with us by <u>clicking here</u> and filling out an Article Recommendation Form.

Chapter Articles

125+ Attendees Make 16th Annual Building Enclosure Event A Success

by: Brad Schwab, CSI, CDT

Our 16th Annual Building Enclosure event was held on Tuesday, February 26, 2019 at Maggiano's in Chicago. There were over 125+ attendees between the two sessions (Breakfast & Lunch) to listen to Manfred Kehrer and Andi Mele present Modern Hygrothermal Performance Assessment by Simulation – Motivation, Basics & Examples. The presentation described the motivations for hygrothermal engineering, outlined the basic principles and showed multiple tools and examples. The learning objectives covered in the presentation were as follows:

- Learn the importance of hygrothermal performance assessment in today's world of high performance building enclosures.
- Understand the transport phenomena for heat and moisture.
- Recognize the limitations of hygrothermal performance assessment by simulation.
- 4. Learn the remaining challenges for hygrothermal performance assessment by simulation

Today's building enclosures are more energy efficient than decades ago, mainly due to a higher level of insulation and air tightness. The downside is a higher risk of moisture accumulation with potential structural failure, decay, and unhealthy conditions as a consequence. Modern hygrothermal engineering has already made its way from science to



engineering and is an important tool today for modern building enclosure design and analysis.

Manfred and Andi did a great job presenting and it was all made possible thanks to our sponsors Oldcastle

BuildingEnvelope, Dupont Tyvek/Parksite, Hilti, & Rockwool.

We would also like to give a huge shout out to all our Industry Partners - AIA Chicago, AIA Northeastern Illinois, BEC Chicago, CAC RCI, CRCA, CSI Nothern Illinois, Illinois Green, Passive House Alliance, and SEAOI.

Check out our event photos.





DuPont™

Tyvek®



EVENT SPONSORS









CSI Beyond The Chapter

Master Specifiers Retreat

News From CSI Institute



June 19-21, 2019 Swissotel, Chicago, Illino

An exclusive experience of education and networking for senior specifiers

SAVETIME

GETANSWERS

HAVE-FUN

Apply today! www.csiResources.org/MasterSpecifiersRetreat

CSI's Master Specifiers Retreat is an exclusive event that brings together senior specifiers and product selection influencers from across the country for an intimate experience of focused education, group networking, and one-on-one meetings with building product manufacturer executives. As the authority on specifying, CSI is able to offer unique, advanced education and discussion that meets the needs of experienced specifiers. networking and dining events to the schedule!

Applications Due March 15, 2019.

FULL DETAILS

CSI North Central Region Conference

News From North Central Region

May 2-4, 2019 | Saint Louis, Missouri

The Greater Saint Louis Chapter will be hosting the 2019 North Central Region Conference. We have a great location! The historic Chase Park Plaza Hotel in the Central West End was built in 1922 and in its heyday played host to presidents, kings, celebrities, and athletes. The hotel is located on the east side of Forest Park, home of the 1904 World's Fair, legendary St. Louis Zoo, Art Museum, History Museum, Muny Opera, Science Center, a 27-hole golf course, and much more.

We welcome architects, engineers, contractors, and product representatives from across the Midwest and invite them to explore our fabulous "Brick City". Our schedule includes three educational tracks, a bigger version of our annual product show, tours, leadership training, and social events. Conference attendees who arrive early may include an all-day seminar at no additional cost. Come early and stay late to experience all the 2019 CSI North Central Region Conference has to offer.

Questions? Email ncrc@stlouiscsi.org

FULL DETAILS

We're more than just a paint company

- Extensive National Architectural Program
- Product and Environmental Certifications







Master Painters Institute



Industry Events

Crisis Management in the Construction Industry

CRCA Membership Meeting & Lunch

Tuesday, March 12, 2019, 11:00am Maggiano's, Oak Brook, IL

Speaker: Trent Cotney, Cotney Construction Law

The course will focus on crisis prevention including training, security protocols, fraud prevention & other components of a successful crisis management plan

FULL DETAILS

EzyJamb Demonstration: Unique Frameless Jamb System

Life Safety Hardware & Chicago Regional Council of Carpenters Wednesday, March 6, 2019, 4:30-5:30pm Chicago Regional Council of Carpenters, Elk Grove Village

Demonstration and short training with EzyJamb to learn how you can use trimless knockdown frames. These products have married corner bead with steel studs to make a studier, quicker way to accomplish this time-consuming jobsite effort. Complimentary event with food & Drink. RSVP by 3/5.

FULL DETAILS



"We wanted to make the project dynamic and energized. The copper screen looks more solid during the day and perforated at night when lights are on behind it—enhancing the urban experience within the entertainment district."

-Todd Walker, FAIA, Principal, archimania

Case study at PAC-CLAD.COM/BALLETMEMPHIS

PAC-CLAD.COM | INFO@PAC-CLAD.COM

IL: 800 PAC CLAD AZ: 833 750 1935 GA: 800 272 4482 MD: 800 344 1400 MN: 877 571 2025 TX: 800 441 8661



Pre-Assembled, Insulated Masonry Assembly Seminar & Mock-Up Wall Tour

Monday, March 25, 2019, 11:30am-1:30pm International Masonry Institute, 2140 W. Corporate Dr. Addison

This seminar will address design and construction considerations that an AEC Professionals, Code Officials & Owners need to be aware of related to a masonry system that integrates heat, air, moisture controls with integral structure and aesthetic versatility. The seminar format will consist of a presentation in addition to review of a mock-up wall.

FULL DETAILS





Sika Corporation, based in Lyndhurst, NJ, is a leading supplier of specialty chemical products and industrial materials serving construction and industrial markets including transportation, marine, and automotive. Its technologies are focused on sealing, bonding, damping, reinforcing and protecting. Sika's product lines include roofing, concrete admixtures, specialty mortars, epoxies, structural strengthening systems, industrial flooring, sealants, adhesives, specialty acoustic and reinforcing materials.

YOUR LOCAL CONTACT:

Lance Krall Building Envelope Representative Mobile: 312-415-6717 krall.lance@us.sika.com

