CHANGE ORDER

CONSTRUCTION SPECIFICATIONS INSTITUTE CHICAGO CHAPTER





Wednesday May 13, 2020

Time: 5:00 PN





See page 6.



FROM THE PRESIDENT 2 CHAPTER ELECTION 3 MEMBER CONNECTION 4-5 CHAPTER EVENTS 6 CHAPTER QUICK READS 7 CHAPTER ARTICLE 8-9



CSI BEYOND THE CHAPTER







10



Remote Learning Library

Live online CEU's from our members & partners.

See page 5.

Upcoming Chapter Events

See page 6.





M2M CONNECTION

Keeping members connected when we're apart. See page 4.

Included Article

Critical Points of Ceramic Tile Design and Installation: Mortar Bed (Mud) Floors and Walls See page 10.



LEADERSHIP TEAM 2019-20

PRESIDENT

Andrea Baird CSI, CCCA, CDT

PRESIDENT-ELECT

Brad Schwab
CSI, CDT

VICE PRESIDENT

Jennifer Friedland CSI, CDT, LEED GA

VICE PRESIDENT

Scott Conwell FCSI, CDT

SECRETARY

Chris Carpenter CSI, CCPR, CDT

TREASURER

Elias Saltz
CSI, CCS, CDT

MEMBERSHIP OFFICER

Robert Moretti
CSI, CDT

DIRECTORS

Guadalupe Casimiro CSI. CDT

Randall Chapple

CSI, CSS, CDT

Davil Canadar

Paul Fogarty
CSI, CDT

Rachel Nava

CSI CDT

CSI, CDT

Jeremy Olsen

CSI, CCS, CCCA, CDT

Heather Rice

CSI, CDT

IMMEDIATE PAST PRESIDENT

Peter Grotenhuis

CSI, CDT

DIRECTOR - NCR

Drew Clausen CSI

EXECUTIVE DIRECTOR

Beth Winkler

CLICK TO VIEW OUR LEADERS

Networking in the Virtual Space



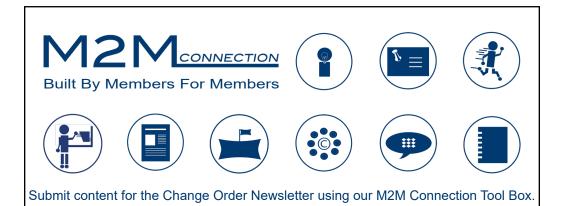
Andrea Baird NCARB, P.E., BECXP, CXA+BE, CCCA, LEED AP BD+C

I am proud of how our Chapter has been able to pivot our typical programming and provide relevant content in a virtual format. We held our first virtual happy hour on April 15th, hosted by Brad Schwab. While networking in this format feels different, it has offered some opportunities that we would not have if meeting in person. It has been a privilege to meet some of your pets, children, and partners.

Scott Conwell organized an excellent program on April 24th about how to lead when your team goes virtual. We had CSI members from around the country join us for this event, allowing for interaction that we would not otherwise have. CSI Chicago continues our tradition of leadership and innovation because of our excellent members.

The board will continue to work to provide value for your membership as we navigate the next few months. Until we can meet again in person, I encourage you to be brave, peel back the tape over your computer camera, and join us for the next members only happy hour on May 13 (sign up link on page 6).





Chapter Election

FY2021 Officers & Directors Election Results

Vice President

Guadalupe Casimiro

Thank you to all members that took time to vote in our annual election and congratulations to the members that will serve as Officers and Directors from July 1, 2020 - June 30, 2021/2022.

President Brad Schwab CSI, CDT



Term Ending 6/30/2021 **Membership Officer**

Heather Rice

CSI, CDT

Term Ending 6/30/2021

President-Elect Jennifer Friedland CSI, CDT



Term Ending 6/30/2021 Director

Rachel Nava

CSI, CDT

Term Ending 6/30/2021

Term Ending 6/30/2021

Vice President

Scott Conwell

FCSI, CDT

Director Jeremy Olsen CSI, CDT, CCS, CCCA



Term Ending 6/30/2021

Term Ending 6/30/2022

Director Chris Walsh CSI, CDT



Term Ending 6/30/2021

Treasurer Elias Saltz CSI, CDT, CCS



Term Ending 6/30/2021

Director Heidi Cervantes CSI



Secretary Paul Fogarty CSI, CDT



Term Ending 6/30/2021

Director Melissa Gibson CSI, CDT, CCS, CCCA



Term Ending 6/30/2022

Past-President Andrea Baird CSI, CDT, CCCA



Term Ending 6/30/2021

Director **Heather Salisbury** CSI



Term Ending 6/30/2022

CSI Chicago's Director to the North Central Region will be Jennifer Freidland, CSI, CDT, term ending 6/30/2021.



New Chapter Member

Kevin Carter, CSI-EP
CETCO

Richelle Moreno, CSI-EP
AXIOM CONTRACTORS LLC

Members On The Move



Melissa Gibson, CSI, CDT, CCS, CCCA proudly shared that her firm, Goettsch Partners, Inc., was named ENR Midwest Design Firm of the Year.



Kurt Moehlmann, CSI, CDT recently published his second book, <u>Swoosh</u> <u>Part 2</u>, which is a story that teaches children how to respond to bullying and confrontations.

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

Membership Milestones

30+ Years

Mike Petersen, CSI (30 yrs)
Petersen Aluminum Corporation

Jeff Lucas, CSI (34 yrs)
J. N. Lucas & Associates, Inc.

Thank you to all of our members who are celebrating an anniversary with CSI Chicago this month.

Share To Stay Connected

It's more important than ever right now.

CSI Chicago is not a name or a logo, its all about you, our members! Our members stay connected by driving the content of our newsletter, website, email, and social media.

Right now, we are in need of content and if you are anything like us, you are in need of ways to stay connected. Please give us a few minutes to contribute and stay connected. By submitting things like a **member spotlight form**, **sharing a project** your firm completed, or **recommending an article**, you get featured.

M2 Mconnection Connecting Members while we're apart.





Introducing Insulated Masonry Veneer Systems

Fully-integrated exterior cladding systems with a continuous air and water-resistive barrier and insulation for superior performance. Insulated Masonry Veneer Systems feature BASF MaxGrip Veneer Mortar, a high-strength, specially-formulated setting bed mortar used to adhere natural and manufactured stone, tile, and thin brick veneer.

Learn more at www.senergy.basf.com or contact your local BASF representative, David Meyers at david.meyers@basf.com or 630-423-1980.

© 2019 BASF Corporation. All rights reserved.

Remote Learning Library

Welcome to our remote learning resource library. This library serves as a resource for online education opportunities provided by CSI Chicago members and partners. This library is updated weekly.

All online educational opportunities listed are approved for AIA CES continuing education credits, CEU's for your self-reported CSI certification CEUs, and some events may be approved for other CEUs. Use the links below to learn more about individual events, the CEUs they offer, and to register.

CSI Chicago does not facilitate or manage the logistics or details of the online educational opportunities listed below. Attendee management, capacity, content and CEU management and fulfillment is managed by the member or partner provider.

acity, content and CEC management and raminion to managed by the member of parties provides



Events coming up the week of May 4, 2020 and check the Remote Learning Library for all posted May events.

5/04, 1:00pm - Exterior Insulation and Designing and Building High Performance Walls by DuPont

5/05, 11:00am - Critical Points for Tile Design and Installation by International Masonry Institute

5/05, 11:00am - Guide to Rooftop Vegetative Systems by Firestone Building Products

5/06, 10:00am - Concrete Waterproofing Technology by The Euclid Chemical Company

5/06, 10:00am - Exterior Air Barrier Systems - High Performance Building by Dorken Systems, Inc.

5/06, 12:00pm - The Benefits of Mineral Wool as Continuous Insulation by Owens Corning

5/06, 11:00am - Coating Failures: Corrosion of Metals by BEHR Paint Company

5/06, 3:00pm - <u>Understanding Window & Door Performance Terms</u> by Pella Corporation

5/07, 11:00am - Liquid Applied Trafficable Surface Solutions by Gaco

5/07, 12:00pm - Window Solutions for Historic Buildings by Pella Corporation

5/08, 11:00am - Specifying Wall Weatherization Products that Comply with Building Code Fire Safety Provisions by Carlisle Coating and Waterproofing

Looking To List An Opportunity?

If you are a CSI Chicago Chapter Chapter member or partner and would like to be a provider, <u>click</u> <u>here</u> to learn more.

SEE ALL REMOTE LEARNING OPPORTUNITIES



Architectural Sales Rep/Design Advantage GCP Applied Technologies

Design Advantage, Architectural Sales Reps are the leaders in GCP Applied Technologies who ensure our success on major projects both in North America and around the world.

Architectural Sales Reps lead the promotion and customer technical consultation for GCP Applied Technology's products with major architecture, engineering and consulting firms resulting in strong specifications on premier projects around the world.

LEARN MORE & APPLY

Renee Doktorczyk, FAIA, CSI, CCS, SCIP Renee@ArchiTechSpec.com

ArchiTech

CONSULTING, INC.

800 E. Northwest Hwy, Ste 208 Mount Prospect, IL 60056-3457 **Tel: 224.345.3450**

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



Chapter Events

Member Virtual Happy Hour

Wednesday, May 13, 5:00 - 6:00 PM

Join your fellow members for a virtual happy hour!

We had a blast connecting at our first happy hour so we are doing it again. You are invited to a complimentary virtual happy hour on Wednesday, May 13th from 5:00pm - 6:00pm.

Our happy hour is designed to be an unstructured time

to connect with other chapter members -so whether the conversation is about your pets, your work, or your work out, bring your favorite beverages and snacks and together we'll share experiences via Zoom Meeting – all while maintaining appropriate social and physical distance. Register and save your spot today!



Reminder On **In-Person Events**

As the health and safety of all CSI Chicago members and guests is of the utmost importance we will not be holding in person events at least through June 30, 2020. Our leadership will be monitoring the situation in Chicago and will resume in-person meetings when it is determined safe to do so.

Rebuilding Together Work Day Still Pending

Rebuilding Together Metro Chicago had made the decision to postpone the April 25 home rebuild day until further notice (Read statement here). As planning resumes, we will be sure to notify members of donation and volunteer needs.



Awards & Recognition Night Postponed

In the interest of health and safety of members and their guests, the May 20 Awards & Recognition Night has been postponed until later in 2020. We will notify all members of the new date once it is established.



Balconies can be challenging environments for tile or stone installations – whether over occupied or unoccupied space.

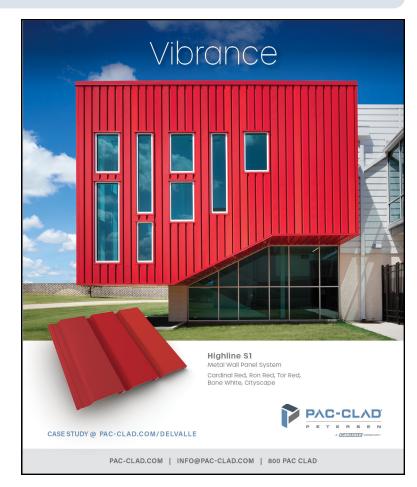
MAPEI offers waterproofing systems solutions from the substrate up. Best of all, these solutions qualify for MAPEI's Best-Backed" system warranty, giving architects peace of mind when specifying MAPEI

For more information, visit www.mapei.com or call 1-800-992-6273.

f y in **0** 0

- Manehond™ 700 Manehond 710 or Manehond 720 adhesive
- Mapethene™ HT or Mapethene LT sheet waterpi Mapedrain™ 30. Mapedrain 35 or Mapedrain 50 drainage composite
- Modified Mortar Bed thick-bed and render mortar
 Mapelastic® 315 (with Fiberglass Mesh) or Mapelastic AquaDefense
- Kerabond® T / Keralastic®, Kerabond / Keralastic™ or Granirapid®
- Ultracolor® Plus FA or MAPEI Flexcolor® CO grout
- UltraCareTM Penetrating Plus Stone, Tile & Grout Sealer penetrating seal





Chapter Quick Reads

CSI Chicago Annual Report Given

Our Chapter Annual Report and election results were presented through a Zoom meeting by President Andrea Baird on Tuesday, April 21, 2020. Andrea informed members on the status of the Chapter's current events, committees and financial state. At the end of the meeting she also presented the results of the 2020 chapter election.

Chapter members may request a copy of the annual report by e-mailing Beth Winkler at administration@csichicago.org.

Get Signed Up To Get Involved

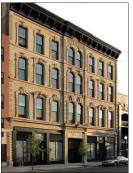
As we are all apart, the 2020-2021 leaders are getting geared for the next fiscal year to start on July 1. Our leaders are looking for members who want involved by serving on a committee. Getting involved connects you with more of your fellow members and your



efforts fuel things like educational speakers, social time where members connect, or our social media and newsletter content. Please share your committee interests by submitting the committee interest form today.

VOLUNTEER FORM





Before

After

Holden Block—1027 W. Madison, Chicago

Chris Carpenter, CSI, CCPR, CDT

Architectural Consultant | 630.675.4750

ccarpenter@pella.com



COMMERCIAL

CSI Chicago Foundation Supports COVID-19 Face Shield Initiative

Supporting our community is top priority of our chapter, which is why the CSI Chicago Chapter and Foundation board agreed that a \$1,000 donation from the CSI Chicago Foundation to bKL Architecture's COVID-19 Face Shield Initiative would be a great way to support our local community in this time of need. bKL Architecture is using their resources to 3D print, assemble, and deliver face shields to the local medical community. They are using donated funds to purchase additional 3D printers and the materials need to fabricate the face shields. All 3D printers purchased using contribution funds will be donated to Chicago Public Schools and Chicago Public Library once the COVID-19 crisis has passed and/or PPE is more accessible. Learn more about this initiative on their Go Fund Me page.











bKL's GO FUND ME PAGE

BLUE LINE BUILDING * PRODUCTS

Independent Manufacturers Rep
"The Right Product for the Right Application"



FUNDER**MAX**

for people who create







www.Bluelinebp.com

Matt Martino 773.251.0066 mmartino@bluelinebp.com

Chapter Article

Critical Points of Ceramic Tile Design and Installation: Mortar Bed (Mud) Floors and Walls

Written by: Scott Conwell, FAIA, FCSI, CDT, LEED AP

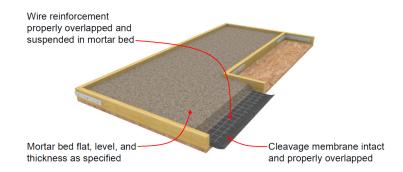


The age-old method of laying tile floors and walls in setting beds built up of sand, cement, and sometimes wire or lath reinforcement over the floor or wall structure is a work technique that has declined in recent years as thinset mortars and thinset installation methods have been improved and become more prevalent. However, mortar bed

techniques for installing tile will never disappear completely as they remain appropriate for certain types of applications such as heavy duty areas of use, cases where the variable thickness of the mortar (mud) bed is appropriately used to correct an irregular substrate, and other instances where the design professional or building owner has a preference for this classic method of installation. Design professionals and specification writers should have a basic understanding of mud floors and walls and should require the installing contractor to meet minimum qualification requirements for this specialized type of work. This article will examine the components of mud work including installer qualification criteria.

A cleavage membrane is component often specified in mud work to provide a bond break in floor and wall assemblies if differential movement is expected between the tile assembly and the substrate. Cleavage membrane materials vary, but





they are often paper-based, delicate, and easily damaged. A qualified tile installer will take care not to tear, puncture, or otherwise damage the cleavage membrane during the installation process, and if damage does occur, the installer will replace and reinstall the material. Floors and walls both require minimum overlaps in the cleavage membrane, generally 4 in. (100 mm) for floors and 2 in. (50 mm) for walls; and the laps at walls must be applied shingle-fashion. Failure to install the cleavage membrane to these criteria may result in ineffective bond break or moisture intrusion into the wall or floor structure.

Reinforcement is a component that is generally required within mortar bed floors and walls to impart flexural strength, to control shrinkage of the mortar and prevent cracking, and in the case of walls, to support the vertical mortar bed. Proper installation of galvanized wire mesh reinforcement in mud floors is a critical skill that is always within the work scope of tile installers. Installation of metal lath on a wall's structural backing often falls outside the scope of a tile installer's work, but it is a related skill that tile installers must at least have knowledge of since it affects the performance of the tile assembly, and in some cases the lath installation does fall in the tile work scope.

In order to function properly, the reinforcement and lath must be continuous (except at inside corners of walls) and properly

Article continued on the next page.



Chapter Article

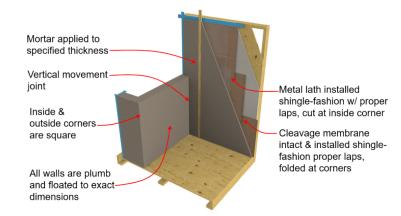
Critical Points of Ceramic Tile Design and Installation: Mortar Bed (Mud) Floors and Walls

(Continued from previous page)

lapped by 2 in. (50 mm) minimum. In the case of walls, the lath must be installed shingle-fashion. At inside corners of any mud wall, the lath must terminate at the corner, allowing a small gap in reinforcement to allow for independent movement of each wall and directing cracks to the vertical perimeter expansion joint of the tile assembly. The positioning of the reinforcement in mud floors is critical to the performance of the floor. If the reinforcement is too high or too low from the center of the mortar bed, its ability to add flexural strength and adequately reinforce the system may be compromised. Skilled tile setters are expected to maintain the vertical position of the reinforcement in the center 1/3 of the mortar bed. Similarly, the fastening pattern of the metal lath on walls must be installed and spaced as specified.

While installation of the cleavage membrane, reinforcement, and lath is important, the primary task faced by installers of mud floors and walls is to properly float the mortar beds flat, level, plumb, and to the specified thickness. The ability to float floors and walls accurately is a true skill that takes years to master, and it is the hallmark of a skilled tile installer. A good tile installer is trained to float the mortar to the proper thickness at key benchmarks, and to vary the thickness as necessary to correct substrates that are out of flat or out of plumb. At walls, installers must float inside and outside corners that are plumb,





as well as maintain plumbness within tolerance in the field of the wall. Dimensions of wall mud must be accurate per the construction documents in order to maintain accurate finish dimensions. Mud floors must be flat and level upon completion, and ready to receive a tile finish. Each of these skills is critical for mortar bed installations.

Installation of tile in a mortar bed may be considered a specialty skill today, but the ability to work with mud is a skill still taught at the preapprentice level by International Masonry Institute. Proficiency in mud work is a hallmark of a BAC union tile contractor. One way design professionals can be assured of mud work that meets industry standards and best practices is to include a requirement in the Quality Assurance paragraph in Section1 of the Tiling specification that the tile installers be certified via the Advanced Certifications for Tile Installers (ACT). ACT is an industry-wide certification program developed by TCNA (Tile Council of North America) and their manufacturer members, TCAA (Tile Contractors Association of America), IMI (International Masonry Institute), IUBAC (International Union of Bricklayers and Allied Craftworkers), NTCA (National Tile Contractors Association), and CTEF (Ceramic Tile Education Foundation).

Visit <u>www.tilecertifications.com</u> for more information.

This article is adapted from a previous article by the same author appearing in the Spring 2020 issue of the Tile Contractors Association of America (TCAA) 9300 Contractor magazine.

Recommend An Article To Your Fellow Members

Share an article that you found helpful and thought provoking or wrote with your fellow members. Please share your article by submitting the article recommendation form today.

Please click here and fill out a Article Recommendation.

CSI Beyond The Chapter

CSI Career Center

News From CSI National

With over 1,800 registered job seekers, the perfect candidate for your team is close at hand in the CSI Career Center



Despite current conditions where many cities are pausing new construction projects due to COVID-19, the situation won't be permanent. Nor should your search for new employment, or a new hire.

The <u>CSI Career Center</u> is your industry's best resource for recruiting top talent. With CSI Career Center's pay-per-use resume bank, you'll be able to browse through anonymous resumes before you pay a penny.

Start your search today!

Don't spin your wheels with general job sites – post your open positions today! Be sure to complete your employer profile so jobseekers can learn all about your organization.

VISIT THE CAREER CENTER

ArchiTech CONSULTING, INC. Click here to contact a local representative.

New Testing Flexibility for CSI Exams

News From CSI National

Ground breaking changes mean spring CDT®, CCSSM, and CCCASM certification exams will move forward with new options to meet challenges posed by the pandemic. Click here for ongoing certification updates.

Remote Testing Option

Secure remote testing allows examinations to be completed virtually during the exam window. Test-takers will need to pre-schedule their exam and there are unique technology requirements. Details will be announced soon.

Testing Centers Re-Open With New Safety Procedures

Prometric, CSI's exam provider, will re-open some of its testing centers in early May under new safety guidelines. Locations and availability of testing centers will vary. Operating status of test centers can be found by <u>clicking here</u> and will be updated and information changes.

Click here for description of Prometric modified onsite test procedures.

Exam Testing Window and Registration Dates Extended

Early Bird Registration Extended to July 17
Exam Window Dates Extended to May 4 - July 31
Register Today.

