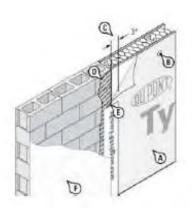


The Construction Specifications Institute

Knoxville Chapter Meeting Tuesday, February 10th, 2015

FLUID APPLIED AIR BARRIERS FOR COMMERCIAL BUILDING ENCLOSURES

Presented By: Casey Robb FCSI, CCPR, LEED® AP - DuPont Building Innovations







CALHOUN'S ON THE TENNESSEE RIVER

400 Neyland Drive Knoxville, TN 37902 (865) 673-3355

Our evening meetings are generally on the 2nd Tuesday of each month and are at Calhoun's on the River in one of the upstairs meeting rooms.



Social Dinner Seminar 5:30 pm 6:00 pm 7:00 pm

\$0 CSI Members

\$0 First-Time Guest

\$20 Returning Guest/ Non-Members

Please RSVP to csiknox@gmail.com

ORGANIZED SEPTEMBER 1958 - CHARTERED MAY 1959

THE KNOXVILLE CHAPTER MEETS ON THE SECOND TUESDAY OF EVERY MONTH. GUESTS ARE WELCOME!



CSI KNOXVILLE IS A MEMBER OF THE CSI GULF STATES REGION

THE SPECK Editor

Stacy Flick Colbaugh - Editor scolbaugh@lewisgroup.net

THESPECK is published monthly by the Knoxville Chapter of the Construction Specifications Institute. Readers are encouraged to submit articles and images of the construction industry interest for our membership. All submittals should be sent via e-mail, in the following formats: PDF, RTF, TIFF, JPEG, DWG, BMP, EPS, & DOC. Deadlines are the 25th of each month.



Don't forget! You can now access The Construction Specifier for free online at www.constructionspecifier.com.

KNOXVILLE CHAPTER: FEBRUARY 2015

- 1 Prospect
- 2 Professional Retired
- 2 Professional Emeritus
- 21 STUDENT
- **53 Professional**

79 TOTAL



CALENDAR OF EVENTS

FEBRUARY 2015

- **CSI Board Meeting** Tuesday, February 3rd, 2015 at 5:30 pm at Odle & Young's Office
- CSI Chapter Meeting Tuesday, February 10th, 2015 at 5:30 pm at Calhoun's on the River. Presentation: Fluid Applied Air Barriers for Commercial Building Enclosures, Presented by Casey Robb, FCSI, CCPR, LEED® AP - DuPont Building Innovations.

MARCH 2015

- CSI Board Meeting Tuesday, March 3rd, 2015 at5:30 pm at Odle & Young's Office
- 10 <u>CSI Product Show</u> Tuesday, March 10th, 2015 at Crowne Plaza Downtown Knoxville, TN

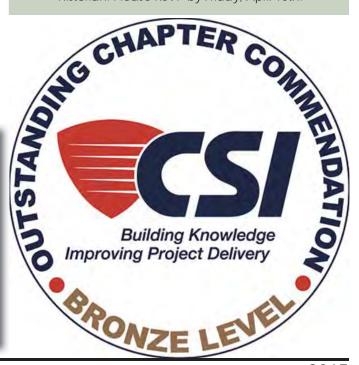
MARCH 10

CSI PRODUCT SHOW

CROWNE PLAZA 401 W. SUMMIT HILL DR. KNOXVILLE, TN 37902 4 PM to 8 PM

APRIL 2015

- **CSI Board Meeting** Tuesday, April 7th, 2015 at 5:30 pm at Odle & Young's Office
- 14 <u>CSI Chapter Meeting</u> Tuesday, April 14th, 2015 at 5:30 pm at Calhoun's on the River. CSI/ACW Joint Meeting. Guest Speaker: Pat Ezzell, TVA Historian. Please RSVP by Friday, April 10th.



THE PRESIDENT'S MESSAGE

WHAT I LEARNED FROM CSI

MR GARY T. BERGERON, CSI Kelso-Regen Associates, Inc. **CSI Knoxville Chapter President** gary@kelso-regen.com



Participation...

Tack throwing & rice krispy treats at CSI Student chapter meeting











Perimeter fencing CSI lunch & learn photos:

We had 15 people in attendance if I counted correctly....

Thanks to Leslie Fawaz & the East Tennessee Design Center for providing the conference room for the event, Wayne Norman of Ameristar for presenting the program and providing the food and Jeremy **Shipp** with Johnson & Galyon whose extensive work organizing this and other lunch & learns made it all possible.

MR GARY T. BERGERON, CSI Kelso-Regen Associates, Inc. CSI Knoxville Chapter President gary@kelso-regen.com



Fluid Applied Air **Barriers for Commercial Building Enclosures**

Presented by Casey Robb, FCSI, CCPR, LEED® AP - DuPont Building Innovations





The miracles of science™

Casey Robb is a Commercial Business Development Manager with DuPont Building Innovations. He is based in Atlanta, GA and responsible for commercial business development throughout south central US representing DuPont Weatherization Systems. He is a graduate of Murray State University in Western KY with a B.S. in Construction Technology, and has over 25 years sales and business development experience in the commercial construction market. He is also active with CSI, (Construction Specifications Institute) as former Atlanta Chapter president, SE Region Director and currently serving on their national board as immediate past president of CSI. He is a Fellow in CSI, a Certified Construction Product Representative, (CCPR) and LEED® Accredited Professional. He also speaks at many AIA-BEC Chapter meetings and represents DuPont as a research partner and member of the Design Futures Council national advisory board.







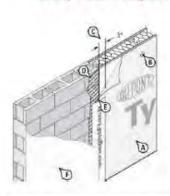






The American Institute of Architects Continuing Education System

AIA/CES Registered Provider Program Summary Handout







Provider: **DuPont Building Innovations**

Program #: Fluid Applied

Program: Fluid Applied Air Barrier Membranes:

Advances and Applications

Length: 1 hour Credits: 1 LU Hour

GBCI: Yes ATA HSW: Yes

Description:

Today's buildings are responsible for 38% of the world's energy usage, causing the demand for highly energy efficient and durable buildings to increase. One of the key elements in a highly energy efficient and durable building envelope is a continuous air barrier and water barrier system.

There are several different types of air barrier membranes that are commonly used in the industry, although fluid applied air barriers continue to increase in popularity. There are hundreds of fluid applied air barrier products currently available and they vary greatly in thickness and formulation. As commercial buildings become more energy efficient and complex, the need for a "high performance" fluid air barrier system is increasing.

This presentation will discuss some of the key differences and performance advantages of these new high performance air barrier chemical formulations in contrast to traditional fluid applied air barrier formulations.

Learning Objectives: After attending this seminar, you will be able to:

- 1. Discuss the impact of air leakage on building performance
- Distinguish between Fluid Applied Air Barrier technical properties using their formulation chemistries
- 3. Design building envelope systems with a Fluid Applied Air Barrier
- 4. Specify a Fluid Applied Air Barrier System to meet your project's performance requirements

Target Audience: Architects, Design Professionals, Specifiers, Owners, Contractors, Code Officials, Building Envelope Consultants, and Students. This program meets every experience level with time designed into the program for questions and answers.

Revised 10/10/2013 - BM

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Darson Buckner, CSI, CDT **LEED Green Associate Dealers Warehouse Corporation** DuPont Tyvek Senior Certified Weatherization Specialist 865-556-3140 darsonbuckner@hotmail.com







The forecast calls for Tyvek.®



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CSI MEETING MINUTES

BOARD BRIEFS - January 6, 2015

By Nancy Roberts, CSI, CDT Edited by THE SPECK Editor, Stacy Colbaugh, CSI, CDT

In Attendance:

Gary Bergeron, President
Lukas Salyer, President-Elect
Leslie Fawaz, Treasurer
Nancy Roberts, Secretary
Samer Shatara, Past President
Jim Odle, Director (2014-2015)
Donna Covert, Director (2014-2015)
Will Dunklin, Director (2014-2016)
Kathy Proctor, Director (2014-2016)
Jeremy Shipp, Chapter Education Chair
These meeting minutes were recorded and are presented as understood by the Secretary, Nancy Roberts, and are outlined as follows:

The meeting was held at Odle & Young's Office and was called to order at 5:30 p.m. by Gary Bergeron. Meeting generally followed a meeting agenda provided by Gary in advance of the meeting.

1. Previous meeting minutes (attached)

The December 2, 2014 meeting minutes had been emailed to board members by Nancy Roberts; revisions are noted in **bold italics**.

2. Treasurer's report (attached)

The treasurer's report had been emailed to board members by Leslie Fawaz.

3. President report

Gary thanked Samer and Lina Shatara for hosting the Christmas party at their home. He also thanked the planning committee including Suzan Jordan, Donna Covert, and Kathy Proctor for arranging great party activities.

which will be held on April 14th. ACW will be asked to RSVP for their members by Friday, April 10th. The education committee should strive to have AIA/CES certificates for each meeting. In order to complete the certification process, the committee will need a biographical sketch of the speaker, information about the speaker's experience, and the learning objectives for the speaker topic.

There was discussion about the joint meeting with ACW

Gulf States Region (GSR) Spec competition was discussed. Stacy Colbaugh should be contacted to include information for the newsletter.

Gary reminded the Board about Acadiana GSR Conference to be held in Lafayette, LA on April 17th and

18th.Gary also mentioned that the UTK student chapter January meeting will be determined and will be held in Room 325 of the Art & Architecture Building.

4. President Elect Report

Lukas Salyer said that Josh is working on the product show flyers and they will be mailed out later in the week. John Hockensmith is helping with the planning process. February 1st will be the 'early bird' deadline. Lukas emphasized that the success of the product show depended on attendance, as well as managing the food budget. Gary stated that there were inquiries from Tennessee Dodge Room and Merit Construction about product show date; each offered to help publicize the product show on their respective calendars.

5. Vice President report – position currently vacant Lukas Salyer is actively recruiting a member to serve as Vice President. No updates at this time from the nominating committee which includes Gary, Jim Vineyard, and Darson Buckner with Lukas as chair of the committee. The schedule was discussed. Prospective candidates need to be contacted in February. The ballot should be posted in the March newsletter in advance of the April meeting.

6. Board members/committee group reports

6.1 Member Services (membership, fun, and house) – Jim Odle, Director: Darson was unable to attend due to Tyvek conference, but sent word that the new member program was in progress. Suzan was unable to attend due to the Tyvek conference, but sent word that planning was underway for a fun activity at the January meeting. Donna stated that the house committee plans were in progress.

6.2 Education (education, programs, and special programs) - Will Dunklin, Director: Jeremy Shipp reported that the committee was tracking some apparently unreported continuing education credits for the Pella Lunch & Learn on September 9, 2014; Gary said that Sharon Webb with Pella was checking the status. Also, he is awaiting AIA approval of the Westwood Lunch & Learn on December 3, 2014. Upcoming Lunch & Learn are as follows: Ameristar on January 21, 2015 and Big Ass Fans on February 18, 2015. There were numerous suggestions given for future topics. Jim Vineyard stated that January speaker will be Paul Whitt with Lewis Thomason. February speaker will be Casey Robb, former CSI National President, to speak on building envelope. March will be the product show. April speaker will be Pat Ezzell, TVA historian. May speaker will be Steve Downey with PMI. It was discussed that the chapter meetings should have continuing education credits available for attendees.

6.3 Recognition (technical, certification, and awards) –

(Minutes... CONTINUED ON PAGE 8)



Knoxville Chapter

CSI MEMBERSHIP

Fellow CSI Gulf States Region Members:

According to Institute you are each classified as emerging professionals of CSI. Personally I am not a fan of the word emerging and rather view you as fellow construction professionals.

That being said our elders of CSI have built a strong foundation which has allowed us an opportunity to excel in our industry but now it is time for us to look forward to the next 20 years.

With broadband, 3D printing and BIM sweeping the nation how are we and CSI prepared to continue our mission of providing quality construction to our clients?

I simply have one simple question for each of you: What do you need from CSI to assist the next 20 years of your professional construction career?

We were all gifted a wonderful organization and a wonderful industry. Let's continue to build on the hard work of those that came before us.

I look forward to hearing your responses and most importantly on behalf of the Institute and Region, THANK YOU for your membership in CSI!

William Sunquist, CSI

(Minutes... CONTINUED FROM PAGE 7)

Donna Covert, Director: No report for BIM (formerly Revit) support group. Will Dunklin will contact Sherry Ault and suggest that she participate in product show with demonstration. Daniel Smith sent a message about upcoming award due dates: January 15th – Robert V. Bishop Award. He also relayed that several other award and commendation deadlines were provided in last month's report. Stacy Colbaugh will be submitted for the Spirit Award. It was suggested that the Lunch & Learn program be nominated for an award.

- 6.4 Communications (website, publication, and liaison) Daniel Smith, Director: No report other than aforementioned information.
- 6.5 Fundraising (product show and golf tournament)

 Kathy Proctor, Director: No report on Product Show besides the President Elect report. As reported last month, the golf tournament was a big success. There was discussion about hosting a skeet shoot as another possible fundraiser.
- 6.6 Chapter Administration (planning, historian, bylaws, and operating guide) Suzan Jordan, Director: No report.
- 7. Calendar

No changes to calendar.

8. Old business

No old business.

9. New businessNo new business.

The meeting was adjourned at 6:25 p.m. Next board meeting will be February 3rd.

CSI MEMBERSHIP

CHANGE OF CONTACT INFORMATION

If you have any changes to make to your mailing address, email, employment info, etc. be sure and update this information on your CSI Profile. This will make sure you continue to get the newsletter and any other important information from our chapter.

Here is how you do it:

- 1. Go to www.csinet.org
- 2. Log in with your Username, which is default to your first name@last name and the default password is your member ID.
- 3. If you don't know your member ID:
 - a. Contact your CSI Knoxville Newsletter Editor:
 Stacy Colbaugh (865) 584-5000
 scolbaugh@lewisgroup.net

- b. Contact your CSI Knoxville Membership Chair:
 Darson Buckner 865-556-3140
 darsonbuckner@hotmail.com
- c. Call the CSI Institute Membership Department: 1-800-689-2900
- 4. You can make changes, after you have logged in, by selecting MY CSI tab at the top of the page. Click on "Update Your Profile" and select "Contact Information"
- 5. Update your contact information.
- 6. When finished, click ACCEPT... and You are finished!!



Knoxville Chapter

CSI LUNCH & LEARN: AIR MOVEMENT FOR ENERGY-EFFICIENT COMFORT IN CONDITIONED SPACES

Presented by Lacy Hohlbein, A/E Specialist, Big Ass Solutions

WEDNESDAY, FEBRUARY 18, 2015
LUNCH & NETWORKING: 11:30 A.M. - 12:00 P.M.
PRESENTATION: 12:00 P.M. - 1:00 P.M.



Hello CSI Members:

CSI Knoxville Chapter continues to offer you another learning opportunity provided by Lacy Hohlbein, A/E Specialist, Big Ass Solutions. This presentation offers 1 Hour CEU with the following Learning Objectives:

- 1. Primary factors affecting human thermal comfort and basics of ASHRAE Standard 55-2010 and the ASHRAE Thermal Comfort Tool.
- 2. Use of elevated air speed for increased air distribution efficiency & energy savings within air conditioned spaces.
- Additional design benefits of minimizing ductwork, lower HVAC first cost, improved ventilation rates, and condensation reduction.
- 4. Stratification & Destratification, and the significant energy saving potential from destratifying a large open space.

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.

Please relay this invitation to any and all interested parties especially those in your work place. This is a great opportunity to network and learn something new as well as an opportunity to introduce your guest to CSI. We welcome your attendance!

WHERE: East Tennessee Community Design Center WATE 6 Carriage House 1300 N. Broadway, Knoxville, TN 37917

PARKING: You should be able to find a parking space in the WATE parking lot. There also may be a parking space available along Luttrell St.

RSVP: Seating is limited, if you wish to participate, please respond to Jeremy Shipp at shipp.arc@gmail.com with your name, email, and phone by Friday, February 13th.



CREDITS AVAILABLE:
1 AIA HSW / 1 GBCI BD+C
/ 1 PDH* / 1 IDCEC*



THE KNOXVILLE FACILITY MANAGEMENT SHOW

Have you been doing it the same way for years?

Join Knoxville's two premier trade associations for a vendor showcase.

See the latest in building products and techniques.

Talk to other building maintainers and enjoy a great lunch.

REGISTRATION REQUIRED FOR THIS FREE EVENT

SPECIAL GUEST SPEAKER-BOB KESLING



This year's speaker is **Bob Kesling**, Knoxville legend and UT Announcer. He knows the pulse of Knoxville and UT Sports. He will speak on "**Managing a Hectic Schedule**"





WHERE/ WHEN February 12, 2015 10:00 AM-2:00 PM

Cokesbury Center 9919 Kingston Pike, Knoxville, TN 37922

SCHEDULE Door Prizes at various times

10:00 AM-11:00 AM Guest Speaker Bob Kesling,

11:00 AM-12:00 PM Lunch

12:00 PM — 2:00 PM Trade Show

REGISTRATION Please register at the following website: www.ifmaeasttn.org

No charge for attendees.

VENDORS Vendor booth registration will be first come first serve for members

Members—\$ 300 Non-Members—\$ 400 Platinum Sponsorships—\$ 1000

Power booths \$ 50 extra

CONTACTS IFMA Contact—Ken Eckert 865-342-3120 or 865-740-0634

BOMA Contact-Mike Ford 865-414-0737

There is such a thing as a....FREE LUNCH!
Hope you can make it!
Please RSVP at http://ifmaeasttn.org/



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