



**CSI KNOXVILLE CHAPTER MEETING
TUESDAY, FEBRUARY 14TH, 2017**

THE NUTS AND BOLTS OF ARCHITECTURAL PHOTOGRAPHY

Presented By: **Genna Sellers**, Pharm.D., BCPS, TCD, CPP

**1LU
AIA**



CALHOUN'S ON THE TENNESSEE RIVER

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

Our Chapter 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.



Lunch
Seminar

11:30 am
12:00 pm

\$0 CSI Members
\$0 First-Time Guest
\$20 Returning Guest/
Non-Members

Please RSVP to csiknox@gmail.com by Monday, February 13th, 2017

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

THE SPECK 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.

CALENDAR OF EVENTS

FEBRUARY 2017

- 07 **CSI Board Meeting** - Tuesday, February 7th, 5:30 pm at Odle & Young's Office
- 14 **CSI Chapter Meeting** - Tuesday, February 14th, 11:30 am at Calhoun's on the River "The Nuts and Bolts of Architectural Photography" Presented by Genna Sellers, (1LU AIA)
- 23 **CSI Lunch & Learn** - Thursday, February 23rd, 11:45 am at East Tennessee Community Design Center WATE 6 Carriage House "Composite Subframing & Continuous Insulation" Presented by Andy Armento from SmartCI (No AIA LU)



CSI LUNCH & LEARN

Thursday, February 23rd,
11:45 am - 1:00 pm

Composite Sub Framing And Its Contribution To Sustainability

Presented by Andy Armento
from SmartCI

1 HR Learning Unit (1LU/HSW)

East Tennessee Community Design Center

WATE 6 Carriage House

1300 N. Broadway, Knoxville, TN 37917

RSVP to Jeremy Shipp at shipp.arc@gmail.com

MARCH 2017

- 07 **CSI Product Show** - Tuesday, March 7th, 4:00 pm - 8:00 pm Crowne Plaza Knoxville Downtown University, 401 W Summit Hill Dr SW, Knoxville, TN 37902

KNOXVILLE CHAPTER: FEBRUARY 2017

52 PROFESSIONAL

1 EMERGING PROFESSIONAL

2 STUDENT

2 EMERITUS

2 RETIRED

59 TOTAL



ALL MEMBERS OF THE
DESIGN AND CONSTRUCTION
INDUSTRY:

**YOU
ARE
INVITED**

2017 ETN BUILDING PRODUCTSSHOW

TUESDAY, MARCH 7, 2017
4 PM - 8 PM
AT
CROWNE PLAZA
401 W. SUMMIT HILL DRIVE
KNOXVILLE, TN 37902

Save The Date!!!!

Please note that our Product Show will be held
on the 1st Tuesday of March instead of The 2nd.

TECHNOLOGY

CODES

SPECIFICATIONS

DESIGN

BEST PRACTICES

NETWORKING

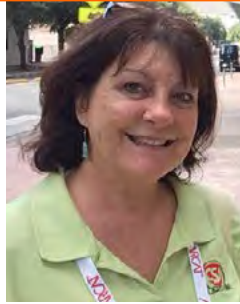
MEANS AND METHODS

REFRESHMENTS WILL BE SERVED

THE PRESIDENT'S MESSAGE

HAPPY FEBRUARY!

Ms SUZAN JORDAN, CSI
DuPont Tyvek
CSI Knoxville Chapter President
iamswj@yahoo.com



I just returned from a DuPont Specialist Conference in Arizona. It was beautiful there, 70 degrees during the day & 50 degrees at night! If you have been to conferences, you know that if you attend ALL the meetings, there is not much time for sightseeing. I didn't get to see much outside of the hotel, but that's the nature of the beast. This conference is held every year and is required for DuPont Tyvek Specialist. There were 250 people (like Darson & me (of course there are no others like Darson & me)) from all over the US & Canada. I did learn a few things this week:

First, no matter where you go for a conference, if you are able, get there a couple of days early or stay a couple of days after so that you can see some of the area.

Second, the challenges and issues people in your profession face are the same all over! So, this gives you an opportunity to find answers to challenges that you face from others in your field that have solved these same challenges.

Third, CSI is the organization to be in! Neil Davison, RA, FCSI, CCS, CCCA spoke about the importance of being in a professional organization and CSI was by far the organization that he felt was the most important! How cool is that! I really agree with Neil on this one! CSI is such a diverse group. There is no other industry organization like it. Along, with belonging to CSI, he also addressed CSI's certifications, CCPR, CCCA and CCS, and how having obtained these certifications it shows that you are invested in your profession. We have not had a CDT class in a few years, so I would like to hear from you to find out if there is an interest in holding a CDT class for the fall exams. I will be studying to take the CCPR exam. I had the CCPR certification & during the 2007-2008 downturn, I did not renew, so I am planning to retake it. The things that Neil said about CSI was no surprise to me and are probably no surprise to you. I highly value the friendships and contacts that I have made through CSI. No matter what area of the US you are in, if you need to get some info you can call on a CSI member in that area and they will readily help. Also, if you tell them you know Kathy Proctor they will do anything for you!

On Valentine's Day (February 14 for you non-Valentines people) is our monthly meeting. Genna Sellers will be speaking about *"The Nuts and Bolts of Architectural Photography."* This should be a great meeting! Every person that tells me they read my President's message will receive a Valentine's gift!

We have our product show coming up on March 7th! Booths are selling fast. If you have anyone that you know needs to be in the product show, send them to Josh Brock or John Hockensmith. When you speak with Josh or John, be sure to THANK them for all they do!

I look forward to seeing you on Tuesday!

CSI BOARD HIGHLIGHTS

Susan Davis, CSI, CDT, RA
CSI Knoxville Chapter Secretary

January 03, 2017

- Board members were reminded to encourage vendors to participate in upcoming events.
- We now can accept payment for vendor registration at the Product Show via the website.
- A new bank account was started at Y-12 FCU and the account at Home Federal will be phased out. This was for the convenience of the locations and for customer service.
- We would like to help more programs get accredited and to publish more information about programs to encourage attendance.
- Sponsorships are still available for the Product Show!
- Technical articles are always needed for the Speck. Articles can be sent to Stacy Flick for publication.
- We are searching for another member for the nominating committee for April elections. Contact Jim Ogle for more information.
- Board members are seeking ways to aid those in Gatlinburg affected by the fires. Several ideas have been discussed but let us know if you have an idea.
- The planning committee is busy getting ready for the 2018 Regional Conference here in Knoxville. There are many ways you can help. Contact Aaron Miller to find out more.
- Plan to attend the 2017 Regional Conference in Memphis.
- The Board has begun reviewing the Operating Guide. Please let Susan Davis know if you would like to participate or have particular input.

PRESENTATION SUMMARY

Genna Sellers, Pharm.D., BCPS, TCD, CPP
Genna Sellers Photography

Biography

Genna Sellers is a Certified Professional Photographer (CPP) who has been honored with numerous awards including TN Professional Photographer of the Year, Top 10 Photographer of the Year, and many best of show and judges choice awards. Her images have been included in the International Photographic Competition's (IPC) prestigious Loan Collection multiple times.

Architecture has always been one of her favorite subjects to photograph. The challenge of combining perspective, composition, and lighting to create an artful interpretation of large immovable objects is one she cannot resist.



Genna Sellers, Pharm.D., BCPS, TCD, CPP
TN Professional Photographer of the Year 2013-2014
TN Top 10 Photographer of the Year 2013-2016
ASMP TN Vice President
PPA Councilor

www.GennaSellersPhotography.com
genna@gennasellersphotography.com
865.712.5910

CSI EDUCATION

THIRD-ANNUAL FIRST FRIDAY ART SALON SHOWCASE YOUR ART WORK!

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



As part of the AIA First Friday Art Salon committee, I was asked to share this announcement below as a "save the date" and "call for submissions". Please share this with your colleagues and insert it on your calendar. Thanks in advance for your assistance to get the word out and we hope to see you there! **Gary T. Bergeron**

Showcase your art work! Call for Submissions:

The Third-Annual First Friday Art Salon - a Pop-Up Gallery will be hosted by the East Tennessee Chapter of the AIA as the kick-off event for Architecture Week 2017. This one-night only event will celebrate and showcase the vast range of original works of art created by architects, emerging professionals, students, and allied professionals in the East Tennessee Region.

The Art Salon will be free and open to the public on April 7, 2017 during the First Friday events.

The call for submissions is open to all practicing professionals in architecture and allied professions, construction, and architectural students. Submissions must be original works in your media of choice including drawings, paintings, graphic arts, photography, furniture, and 3-D sculpture.

<https://www.facebook.com/events/1581415248841852/>

Please submit a digital image of the work, a brief description including media, overall dimensions, and general mounting or display requirements. The deadline for submissions to be received is **Friday March 3, 2017** and must be submitted via email to rfoster.aia@gmail.com. Receipt of selected works will be arranged to occur during the week of March 27.

Then plan to join us on First Friday for a this special event where we toast the creative work of the profession and mingle with colleagues, students, and the public. Please share!

Richard Allen Foster

FOSTERKNOXVILLE
PHOTOGRAPHY
PROFESSIONAL PORTFOLIO

CSI LUNCH & LEARN: *COMPOSITE SUB FRAMING AND ITS CONTRIBUTION TO SUSTAINABILITY*

Presented by Andy Armento from SMARTci

THURSDAY, FEBRUARY 23RD

LUNCH & NETWORKING: 11:45 A.M. – 12:00 P.M.

PRESENTATION: 12:00 P.M. – 1:00 P.M.



**AIA
1LU/
HSW**

CSI Knoxville Chapter continues to offer you another learning opportunity " *Composite Sub Framing And Its Contribution To Sustainability*" Presented by Andy Armento from SMARTci

Learning Objectives:

Participants will be able to...

- Relay the benefits of Composite building material and its history
- Identify factors of Economic Sustainability gained through applying composite sub-girts to their projects
- Identify factors of Environmental Sustainability gained through applying composite sub-girts to their projects
- Identify factors of Social Sustainability gained through applying composite sub-girts to their projects

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 parking spaces available along Luttrell St.

AIA CEU: 1 HR Learning Unit (1LU)

RSVP: *Seating is limited, if you wish to participate, please send to Jeremy Shipp at shipp.arc@gmail.com with your name, email, and phone by 3:00 pm on Wednesday, February 22nd.*

Andy Armento
Advanced Architectural Products
SMARTci Systems
959 Industrial Drive, Allegan, MI 49010 | 269-355-1818
www.smartcisystems.com





NEW AIA CES COURSE



ADVANCED
ARCHITECTURAL
PRODUCTS

COMPOSITE SUB FRAMING AND ITS CONTRIBUTION TO SUSTAINABILITY

Advanced Architectural Products is providing a new AIA CES course for Composite Sub Framing and its Contribution to Sustainability.

1/12

This course focuses on Health, Safety and Welfare through the implementation of sustainable building materials and will give you a one (1) Learning Unit towards your LU/HSW goal of twelve (12).

Course Description:

This course will introduce the learner to latest methods of continuous insulation (CI) through the use of composite sub framing systems. After becoming acclimated with this type of system and its history, the learner will review how composite sub framing is contributing to the health, safety and welfare of the project participants and the eventual occupants.



SMARTci Simple-Z system offers the designer the ability to utilize a continuous insulation system without thermal short circuits, creating wall R-values that rival that of any high performance envelope system.

SMARTci Simple-Z has been designed to provide high performance thermally, structurally and hygrothermally specifically for each climate zone.

Design Considerations:

The SMARTci Simple-Z series is best utilized in wall applications as a continuous member. It can be installed over solid substrates or open framing and can accommodate most building cladding.

Learning Objectives:

Participants will be able to...

- Relay the benefits of Composite building material and its history
- Identify factors of Economic Sustainability gained through applying composite sub-girts to their projects
- Identify factors of Environmental Sustainability gained through applying composite sub-girts to their projects
- Identify factors of Social Sustainability gained through applying composite sub-girts to their projects

Course Number: A2P1000

We administer the event in conjunction with a breakfast/lunch/4:01 style learning event.



Andy Armento is a business development manager with Advanced Architectural Products, the manufacturer of SMARTci continuous insulation system featuring Green Girt, the world's first composite Z-girt, Green Girt, with no through-put metal made from FRP and 16 GA G-90 steel fastener retention strips for the strongest point of attachment utilizing thermally-isolated fasteners to achieve up to 98% thermal efficiency on the warm wall system.



CSI AND THE LAW

February 2017

The Business of Construction: Disputed Invoices

W. Paul Whitt
Lewis, Thomason, King, Krieg & Waldrop, P.C.
One Centre Square, Fifth Floor
620 Market Street
Knoxville, TN 37902

The construction industry includes not only completing the project, or fulfilling an order, but also handling the “business” side of the industry. Oftentimes, this “business” side involves disputes over invoices or payments. One common situation involves a party disputing an invoice attempting to satisfy the obligation with a payment for less than the amount shown on the face of the invoice. In this instance, the party that is disputing the invoice may submit a payment with the notation “paid in full” or a similar phrase. The intent of this type of notation is to place the burden on the receiving party to either accept or deny the payment as full satisfaction of the outstanding account. This legal principle is known as “accord and satisfaction.”

Recently, the Tennessee Court of Appeals addressed this issue in the context of a construction dispute in the case of *Pendergrass v. Ingram*, No. E2015-01990-COA-R3-CV, 2016 Tenn. App. LEXIS 440 (Tenn. Ct. App. June 29, 2016). The property owner, Ingram, contacted Pendergrass Construction and requested Pendergrass perform certain work Ingram wanted done on his property, including preparing the site for a modular home, clearing the driveway, and clearing an area for a septic tank and field line, for a flat fee of \$2,500.00. The work commenced, and Pendergrass requested a partial payment of \$1,000.00 from Ingram, who promptly paid that amount. The parties then discussed additional work that Ingram wanted performed, and despite the fact that the parties never discussed specific payment terms for this additional work, Pendergrass completed this additional work as requested by Ingram. Once the work was completed, Pendergrass sent Ingram an invoice showing the total cost of the work performed as \$9,073.00. Ingram disputed this amount, and notified Pendergrass that he would not pay Ingram anything more than the total amount of \$2,500.00. After certain attempts to resolve this dispute, Ingram sent Pendergrass a cashier’s check for the amount of \$1,500.00. Importantly, however, Ingram included on this cashier’s check the notation of “pd in full” in the remitter line. Ingram also included a letter with this check which specifically stated that the enclosed check was for “services paid in full in the amount of \$2,500.00 as agreed between you and myself at the time the job was accepted by you.”

Pendergrass, after consultation with their attorney, proceeded to cash this check, while marking through the “pd in full” notation on the check. Pendergrass’s attorney also sent a letter to Ingram demanding payment of the remaining \$8,073.00, and disputing any attempt at accord and satisfaction due to the notation in the remittance line.

Ultimately, a lawsuit was filed by Pendergrass seeking the total amount he claimed was due. After a trial, the court entered a judgment in favor of Pendergrass for the total amount of \$8,073.00. Ingram appealed.

On appeal, one of the main issues before the court was whether the depositing of the check by Pendergrass was sufficient to constitute accord and satisfaction of the disputed debt, despite Pendergrass's striking through the "pd in full" notation. The court noted that accord and satisfaction is a type of separate contract that is governed by the law of contracts. The court also noted that, "When a debtor clearly indicates that a check is offered upon a condition of satisfaction of a debt, the creditor's endorsement and collection on the check generally operate as an accord and satisfaction." The court cited Tennessee Code Annotated Section 47-3-311, which defines accord and satisfaction, in pertinent part, as follows:

(a) If a person against whom a claim is asserted proves that
(i) that person in good faith tendered an instrument to the claimant as full satisfaction of the claim, (ii) the amount of the claim was unliquidated or subject to a bona fide dispute, and (iii) the claimant obtained payment of the instrument, the following subsections apply.

(b) [...T]he claim is discharged if the person against whom the claim is asserted proves that the instrument or an accompanying written communication contained a conspicuous statement to the effect that the instrument was tendered as full satisfaction of the claim.

The court noted that this statute also provides that, "[a] claim is not discharged under subsection (b) if '[t]he claimant ... proves that within (90) days after payment of the instrument, the claimant tendered repayment of the amount of the instrument to the person against whom the claim is asserted.'" *Id.* § 47-3-311(c)(2).

After discussing the decisions of other Tennessee courts on similar issues, the court ultimately held that Pendergrass's decision to endorse and deposit the check, despite his attempt to eliminate the "pd in full" notation, was sufficient to constitute accord and satisfaction of the disputed debt between Pendergrass and Ingram. The court noted that the question of whether or not a payment tendered as "pd in full" constitutes accord and satisfaction often turns on the intent of the parties. When a payment is tendered with such a notation, with the intent to constitute an accord and satisfaction of the account, the receiving party is "bound to receive the check that way or not at all." As a result, the court reversed the decision of the trial court, and held that Ingram's submission of the check with the "pd in full" notation, was sufficient to constitute an accord and satisfaction of the disputed debt with Pendergrass. This meant that Ingram owed Pendergrass no more for the work performed for Mr. Ingram.

So what does this mean for the construction industry? When an account is subject to a "bona fide dispute," a contractor, supplier or a vendor with an open accounts receivable from the disputing party should pay specific attention to any payment submitted on that account. If there is any notation on the face of the instrument constituting the payment that may suggest that the

client or customer is attempting to pay less than the full amount as an accord and satisfaction, the instrument should not be deposited. Otherwise, under the holding in *Pendergrass*, the account will be considered “paid in full” despite any efforts to mark through or eliminate the “paid in full” language on the face of the instrument.

As with many aspects of the construction industry, vigilance and attention to detail are important in the case of a disputed account. While it may be enticing to accept and deposit the payment with an objection to the language contained on the payment, any contractor, supplier or vendor doing so will likely do so at their own peril, and will likely face a claim of “paid in full.”



W. Paul Whitt, Esq. (Paul) is an associate with Lewis, Thomason, King, Krieg & Waldrop, P.C. in the firm’s construction law practice group. Paul concentrates his practice in the areas of construction law and litigation, including professional liability defense of design professionals, engineers, architects and surveyors, as well as professional liability representation of accountants and lawyers. Paul also has significant experience representing insurance carriers in first-party actions brought by insureds related to coverage matters, claims of bad faith, insurance fraud and other extra-contractual matters, as well as experience in general civil litigation.



In 2008, Paul was awarded the Tennessee Bar Association-Young Lawyers Division President’s Award for his work as the chair of the Wills for Heroes Committee, which developed, organized and implemented a statewide program for the provision of free estate planning services to first responders and their families across the State of Tennessee. He has also served as an adjunct instructor for Business Law at Union University. Paul earned his B.S.B.A. from Union University in 2001 and his J.D., *cum laude*, from the University of South Carolina in 2005.

Lewis, Thomason, King, Krieg & Waldrop, P.C. (Lewis, Thomason) is comprised of over 80 lawyers providing its clients with a diversified pool of legal expertise, including a specialized Construction Law Practice Group, with offices located in Knoxville, Nashville, and Memphis. Lewis, Thomason formed in January 2014 when two longstanding firms, Lewis, King, Krieg & Waldrop, P.C. (founded in 1960) and Thomason, Hendrix, Harvey, Johnson & Mitchell (founded in 1967), merged to form one of the largest statewide firms in Tennessee.

www.lewisthomason.com

ALL MEMBERS OF THE DESIGN AND CONSTRUCTION INDUSTRY: **YOU ARE INVITED**

2017 ETN BUILDING PRODUCTS SHOW

TUESDAY, MARCH 7, 2017
4 PM - 8 PM
AT
CROWNE PLAZA
401 W. SUMMIT HILL DRIVE
KNOXVILLE, TN 37902

Save The Date!!!!

Please note that our Product Show will be held on the 1st Tuesday of March instead of The 2nd.

TECHNOLOGY CODES SPECIFICATIONS DESIGN
BEST PRACTICES NETWORKING MEANS AND METHODS

CSI Knoxville Chapter

REFRESHMENTS WILL BE SERVED

CSI EDUCATION

WHAT I LEARNED FROM CSI... EFFECTIVE AND ECONOMICAL CONCRETE MOISTURE CONTROL

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



CSI Knoxville Chapter would like to thank Solomon Clift with Barrier One who came from Nebraska on his way home to Florida in order to teach 10 attendees about "Effective and Economical Concrete Moisture Control." We also learned about flooring installation, new construction concrete slabs, floor material warranties and other concrete issues.

Thanks also to Jeremy Shipp at Johnson & Galyon who has arranged the lunch and learn speakers along with Wayne Blasius, Leslie Fawaz and Josh Schaffer who have allowed CSI to use the East Tennessee Community Design Center conference room for the informative presentations for the past several years.



CSI Knoxville Chapter,

Again my name is Solomon Clift and I'm the Regional Manager with Barrier One. I'm sure that our product will solve your moisture concerns/problems. (No testing required) with Barrier One.

Important Information Required for Warranty Process:

- Submit Mix Design for approval to your Barrier One Regional Manager
- Review "Warranty Data Sheet"
- Review "Data Sheet" for Yellow Highlighted dosage instructions
- Required Information upon order placement

It's imperative for the Warranty the that contractor installs the under slab Vapor Retarder according to the related ASTMs (Information attached). Any assistance in relaying this information to the contractor is greatly appreciated.

As part of the warranty process Barrier One will hire the onsite material inspection company as our third party representative to collect one cylinder sample per day's placement of Barrier One dosed concrete. This cylinder is then shipped to an independent lab for ASTM D5084 testing (Permeability Test). Barrier One's 'Life of the Concrete Warranty' is contingent on passing this test to ensure Barrier One has created a closed capillary system within the concrete slab.

*W/CM	Dosage Guidelines
0.40 - 0.41	14oz. per 100 weight (total CM) = admixture added in <u>addition</u> to mix water, rather than <u>in-lieu</u> of mix water
0.42 - 0.52	14oz. per 100 weight (total CM) = 1:1 replacement
0.53 - 0.54	15 or 16oz. per 100 weight (total CM) but it is predicated on the entire mix design not just the w/cm

Also for your Reference:

Minimum slab thickness for use with Barrier One is three (3") inches.

Dispensing:

Barrier One must review ALL mix designs; this is confidential.

Barrier One is compatible with both normal and lightweight mix designs

Dosage rate is 14oz per 100 lbs. of total cementitious materials; dose within plus or minus 3%

Barrier One is used in a one-for-one replacement of mix water

Standard water-cementitious material ratio (w/cm) is 0.42 to 0.52; below or above may require adjustment

by Barrier One* Approved mix design always takes precedence

*Additional dosage may be required based on approved mix

For accuracy and reporting, Barrier One recommends dosing at the batch plant; however, dosing onsite is of course acceptable; if this is done, let drum rotate for 7 minutes before discharge

Barrier One should be added separately from other admixes at the tail-end of the load.

The average price per square foot of Barrier One Admixture includes the following at our Expense:

1. Freight
2. Hiring the materials inspection company already associated with the job to collect one cylinder sample of Barrier One Admixture per day's placement
3. Shipment of that cylinder to an independent testing lab
4. Testing of those cylinders for hydraulic conductivity/coefficient of permeability
5. Coring of the slab and retesting should the cylinder results fail our limits
6. A free topical moisture mitigation system for an affected area if the cylinder AND core test results exceed our stated limits
7. Life of the Concrete Warranty (Sample Attached)
8. Adhesion Guarantee (Sample Attached)

Barrier One Benefits: 5 Products In 1

- Certified Moisture Vapor Reduction Admixture (MVRA) per ASTM D-5084
- Certified shrink reduction admixture (SRA) per ASTM C-157
- Certified alkali silica reaction (ASR) inhibitor per ASTM C-1260
- Certified strength gains per ASTM C-39, etc.
- Certified corrosion inhibitor per AASHTO T-259

Trouble Free Process

- Unmatched project specific quality control process
- COMPLETELY compatible with both normal and lightweight mix designs
- Requires no further field moisture testing but if conducted, warranted up to 100% RH per ASTM F2170 and/or 25 lbs. per ASTM F1869
- Compatible with all floor coverings, adhesives for non-porous substrates, coatings and roofing membranes
- Requires only 1 to 3 days curing with plastic sheet or waterproof paper

- Install slab coverings (flooring or roofing material) in as little as 7 DAYS after slab placement, assuming all other conditions for installation are met.
- Contributes several points toward LEED Certification when used in a system

Unmatched Protection and Peace of Mind

- The industries only available "life of the concrete" warranty
- Unmatched adhesion guarantee
- Most cost effective approach of mitigating liability due to concrete moisture
- ZERO moisture vapor emission flooring failures
- No project delays due to moisture vapor emission
- No financial catastrophe due to forced remediation and lost opportunity cost
- Generally cost far less than \$1 per sq. ft. Product AND Process saves project time and money.
- Over 13 years of success, with over 2,500 project in 3 countries!

Thanks,

Solomon Clift, Retired USA, CSM

Regional Manager

Barrier One, International

C: 407-374-0212

sclift@barrierone.com

www.barrierone.com



CSI CHAPTER MEETING

Submitted By THE SPECK Editor, Stacy Colbaugh, CSI, CDT

Photos from CSI Knoxville Chapter Meeting on January 10th, 2017 at Calhoun's on the River.





Protect what's important.

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®.

Protecting structural integrity isn't just about engineering. More and more it's about intelligent moisture management.

That's why you'll find DuPont™ Tyvek® CommercialWrap® on so many new projects.

It's the weather-resistant barrier designed specifically to help protect exterior wall systems in today's commercial construction. Tyvek® is many times more effective at water holdout than conventional building papers. It also breathes, helping to allow moisture vapor to exit the wall cavity. So walls stay dryer and building systems work as intended.

Tyvek® CommercialWrap®. Designed to protect what's important to you. Find out more at **1-800-44-TYVEK** or **www.TYVEK.com**.

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**Tougher, stronger,
higher-performance**

DuPont™
Tyvek®
COMMERCIALWRAP®



The miracles of science™

President Thomas Ferguson, CSI, CCCA

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Awards Chair M. Keith West, FCSI, CCPR

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601-853-9908

Planning Chair Mr. Bruce Martin, CSI, CDT, RRC

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