Program Information
Tuesday, March 19, 2019

Orange County CSI Chapter
March Meeting

Program: Annual Joint Meeting with WWCCA & OCCCSI
The "Politics" of Construction

Speaker: Andrew M. Siff
Siff & Associates, PLLC

We will join the Western Walls & Ceiling Contractors Association for our March Meeting. The meeting schedule will honor their meeting style and location. The meeting begins at 3:00 p.m. and ends with a very generous raffle.

Andrew M. Siff represents the Signatory Wall and Ceiling Contractors Alliance (SWACCA) a national association for signatory contractors. Listen to the efforts being made by SWACCA on Labor and Employment matters and how they affect your business. Andrew has a very interesting and engaging way of explaining the "politics" of construction.

Andrew M. Siff is the principal of Siff & Associates. His diverse practice focuses on labor and employment, election law and government ethics, financial regulatory and Bank Secrecy Act matters, and public policy matters related to these practice areas. Prior to beginning his own firm in 2006, Mr. Siff was a partner in the Washington, D.C. office of a Florida law firm. In addition to his private practice experience, Mr. Siff has held senior positions in government as Chief of Staff and Counselor to the United States Secretary of Labor and as Chief Counsel to the U.S. Senate Committee on Rules and Administration for current Senate Republican Leader Mitch McConnell (R-KY). He also served as a Law Clerk to the Honorable Danny J. Boggs of the U.S. Sixth Circuit Court of Appeals.

Time:
3:00 PM  Registration & Cocktails & Appetizers
4:00 PM  Program
5:00 PM  Raffle

Location: Phoenix Club - Pavilion
1340 S. Sanderson Avenue
Anaheim, California

Directions: 57 Freeway to Ball Road exit, east to Phoenix Club Drive, south to Sanderson Avenue, right to entrance

Parking: Plenty of free parking

Cost: $45.00 (includes $20.00 raffle ticket option) for OCCCSI members and nonmembers with reservations.

Reservations required by March 16, 2018. MAKE YOUR RESERVATIONS TODAY. CALL: 714.221.5520. EMAIL: reka@wwcca.org OR GO ONLINE: www.WWCCA.org
President’s Message/Kairos Korner.......................3
Wren’s Western Output.......................................4
Wolfe’s Howl....................................................5
Membership Report...........................................6
2019 OCCCSI Products Show Exhibitors..................7
2019 Product Show.............................................8-17
West Region CSI Conference................................19
Calendar........................................................20

**OCCCSI CREDIT CARD USE POLICY**

The OCCCSI Board of Directors has a fiduciary responsibility to all of its members. Those members and others who choose to purchase events or opportunities by check or cash will receive a discount. Discounted prices will appear in the newsletter and PDF announcements via emails. Those who choose to use their credit cards will be able to purchase at the price printed on our website, occcsi.org. Credit card transactions must be made by the printed deadline in the newsletter or in person at monthly meeting events. Credit card purchase for CPSE trade show registration and exhibit space will NOT be accepted the day of the trade show. This policy is effective on April 8, 2014 by Board approval.

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- We never sell, share, trade, or disclose any of your personal information.
- We use a credit card processing company to bill users for events and opportunities. Our credit card processing company is not authorized to retain, share, store, or use your personal information.
- We require the entry of only enough information about you to process your transaction.

See our website, occcsi.org, for further disclaimer information.

The *Orange Peal* is published bi-monthly by the Orange County Chapter of the Construction Specifications Institute and is mailed to all Chapter members and other selected CSI members nationwide. Inclusion of articles, announcements, business cards, advertisements and similar information does not necessarily imply endorsement thereof by CSI, OCCCSI or the Newsletter staff.

Co-Editor.................................Annette Wren, FCSI, CDT
Co-Editor.................................................Gary Kehrier, CSI, CDT
Assistant Editor...........................................Sean Connolly, RA, CSI, CCS

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**SAVE THE DATE**

March 19th
Annual Joint Meeting with WWCCA & OCCCSI
Phoenix Club - Pavilion
1340 S. Sanderson Avenue
Anaheim, California
Well Gang…, Spring is almost here!… and I can hardly wait!!

I am truly thankful for the much-needed rain we have received recently, however, I am also looking forward to the weather warming up a bit. As I sit before the computer to write in the early morning hours before daybreak, our outside thermometer reads a very chilly… 37 degrees… No kidding!! Now that’s cold – in anybody’s book!!!

We just completed our newly formatted OCCCSI Trade Show, and for a first-time event of a radically different way of presentation to our local architects – it was a tremendous success!! The biggest “Thank You” goes to everyone who participated in our new format and made it such a great success. This year we thought about it, kicked it up a notch and moved the day’s activities to the Chuck Jones Event Center for Creativity, in Costa Mesa, California.

The Exhibitors and invited Architectural Guests were truly entertained by Master Story Teller, Tim Totten - who was indeed a very detailed and authoritative presenter on the life and times of (some would say) America’s greatest Architect - Frank Lloyd Wright. At times I found myself giggling, gasping, oohing and awing at all of the facts that went beyond his signature architecture. I have always been impressed by how far ahead of his time his architecture was, and still looks modern today.

The feedback has been overwhelmingly positive from vendors who said they will definitely be back next year and from those attendees who were thrilled to be invited – and are already looking forward to the potential invitation to return next year…

We plan to return in 2020 to the Chuck Jones Event Center next February, so mark your calendars. Planning for that event is already underway.

Our next chapter meeting will be a joint meeting with the WWCCA at the Phoenix Club in Anaheim on Tuesday, March 19th. Always an informative meeting with our own Bryan Stanley and the door prizes are great!

See you in March!

Dana
By Annette Wren, FCSI, CDT

“The most terrifying words in the English language are: I’m from the government and I’m here to help.” said Ronald Reagan. The elected legislators in the State of California have been driving a huge burden to present and future taxpayers that work for a living. Residents complain about the high standard of living and skyrocketing taxes. Who elects the legislators? The complaining sheep (residents) do. The sheep would rather follow these legislators over a cliff rather than listen to reason. These legislators love herding sheep!

Which brings us to AB 32. In 2010, our chapter brought attention to the negative results of the California Global Warming Solutions Act of 2006 - Assembly Bill 32 (AB 32). This bill created a comprehensive, multi-year program to reduce greenhouse gas (GHG) emissions in California. The general description of the bill does not sound any great alarms. Reality sounds a bull horn!

Under subsequent interpretations and directives from the California Air Resources Board and Senate Bill 32, there will be major problems in implementation for new construction. In addition, there will be a demand that California homeowners reduce their energy use significantly. In 2020, there are major requirements for residential housing and in 2030, the same for commercial building. Forget the requirements for solar panels, that is nothing compared to the Net Zero requirements and the misguided folks who are pushing this AB 32 narrative.

The speakers at our Products Show Seminar in 2010 spoke pro and con. Interestingly, the “pro” speaker from the Air Quality Management District stated the same narrative in 2010 as a CSI Net Zero speaker spoke on the first week of February 2018. “Somehow” the inconsistencies will be worked out. Net Zero has residents only using captured rainwater not water from public utilities. Gosh, how can we only capture rainwater for housing after a five-year drought? Answer: A machine costing thousand of dollars can do that. Gee whiz sez the “pro” folks… do not know how we can make this cost effective for the residents of California. Air conditioning systems will be self-sustaining and limited. Hot? Let the people go to community centers with cooling devices. Open a window! Really? The laws will be limiting windows. Well, somehow we will work this all out say the proponents. There are multiple other issues. One speaker reasoned that the 2020 deadline might be too soon. Ya think? These inconsistencies are not insignificant.

In 2010, our “con” speaker, Roger Sowell, spoke on The Impact of AB 32 on California Businesses. Mr. Sowell said that implementing AB 32 would negatively impact California by eliminating millions of jobs, causing massive bankruptcies, closing millions of small businesses and major corporations, and will do nothing to change the Earth’s climate. The bureaucracy of AB 32 will add layers of permits to build structures and “red tape”.

(continued on page 18)
One of the most difficult things specifiers do is try to decide if one product is equivalent to another. Fortunately, many product characteristics are based on industry standards, which can make those products easier to specify and to evaluate.

For example, many hollow metal door manufacturers produce doors and frames that comply with either Steel Door Institute (SDI) or Hollow Metal Manufacturers Association (HMMA) standards. In fact, many manufacturers’ products comply with both industry standards, and standards produced by the two organizations are similar. There are differences, but at least the standards are available and one can quickly tell if a hollow metal door complies with one or the other - assuming you have faith in the industry standards.

Other products can be far more difficult to evaluate… These products use reference standards to some extent, but specify properties in different ways. Let’s compare the manufacturers’ specifications for three similar floor coatings (the manufacturers’ representatives for these coatings consider them to be similar and competitive).

- Compressive strength ranges from 10,000 to 15,000 PSI. One manufacturer says that is achieved after seven days, the others don’t indicate how long it takes.
- Tensile strength by one ASTM ranges from 1,640 to 1,750 PSI. Two of the manufacturers give a second tensile strength by a different ASTM, at 4,000 and 6,000 PSI.
- Flexural strength varies from 3,700 to 4,300 PSI.
- One manufacturer states impact resistance as depth of indentation, another states it in foot-pounds by the same reference standard, the third states it as in./lb, using a different ASTM.
- For abrasion resistance, using the same ASTM, one claims 0.04 gr, another claims 0.1 gm, and the third claims 70-90 mg.
- Two indicate flammability as self-extinguishing by one ASTM. By another ASTM, one indicates less than 1.07 watt/sq. cm, and one of the others says its product is Class I.
- Water absorption is listed by one as 0.2%, by another as 0.3% by a different ASTM.
- Surface hardness ranges from 65 to 95.
- Only one addresses linear expansion.
- One gives VOC content in grams per liter, one by compliance with EPA standards, and one says nothing about it.
- Adhesion to concrete is expressed as concrete failure for two of the products.
- Application rates are given for two of the products; they are similar but not identical.
- The values are sometimes expressed differently for the same product in different sources.

Given these inconsistent properties, how can one be sure these three products are equivalent? How can properties be compared when different reference standards are used? What
MEMBERSHIP REPORT
By Joe Esquer, CSI
Membership Chairman

THANK YOU FOR JOINING & RENEWING!

New Members:
Kerry McDonald
Paras Nanavati
Michael Stock
Mary Yocum

Renewal Members:
John Aube - Lehigh White Cement
Hal Block - MPG Law
Darin Coats - TSIB
Calista Dalley - Flexco Floors
Susan Giampietro - PPG Paints
Gregory Grosz - KGA, Inc.
Johnnie Marino - Angelus Bloc
Ron Martinez
Paras Nanavati - PNC Studios
Mark Niese - Architect
Arturo Ortiz Jr. - Carlisle Syntec
Patricia Quattrocchi -
The Aerospace Corp.
Bryan Stanley - TSIB
The Orange County Chapter of the Construction Specifications Institute wishes to thank the following companies that were exhibitors:

Angelus Block Co. Inc.
Architectural Door Consultants, Inc.
Behr Paint
CEMCO
ClarkDietrich Building Systems
FiberTite Roofing Systems/Seamon
Fortifiber Building Systems Group
Mapei Corporation
Omega Products International Corporation
Partition Specialties, Inc.
Polycoat Products
PPG Paints
Schluter Systems
Sherwin-Williams Company
Siena Tile & Stone
Stego Industries LLC
Structawire/Quikrete
Tnemec – TPC Consultants, Inc.
TUFFLEX Polymers
U.S. Rubber, Recycling, Inc.
Vista Paint
Western Wall & Ceilings Contractors Association
W. R. Meadows of Southern California
2019 OCCCSI Products Show
(Photos by Annette Wren)

President Dana Thornburg & President Elect David Brown

Chuck Jones Center for Creativity

TUFFLEX Polymers

BEHR Paint

Angelus Block Co. Inc

U.S. Rubber, Recycling, Inc.
2019 OCCCSI Products Show
(Photos by Annette Wren)

Tnemec – TPC Consultants, Inc.

W. R. Meadows of Southern California

Polycoat USA

Sherwin-Williams Company

Architectural Door Consultants, LLC

FiberTite Roofing Systems

Omega Products International Corporation

Siena Tile & Stone Installation Products
2019 OCCCSI Products Show
(Photos by by Annette Wren)
2019 OCCCSI Products Show
(Photos by Annette Wren)

Western Wall & Ceilings Contractors Association

ClarkDietrich Building Systems

PPG Paints

CEMCO

Schluter Systems

David Walsh & Mark Niese

Richard Matteo being served hors'd'oeuvres.
2019 OCCCSI Products Show
(Photos by Annette Wren)

Dave Brown introduces Timothy Totten

Timothy Totten receives OCCCSI gift from President Dana Thornburg.

Mrs. Robin Richter and Timothy Totten

12 OCCCSI Newsletter, March/April 2019
2019 OCCCSI Products Show
(Photos by Annette Wren)
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(Photos by Annette Wren)
2019 OCCCSI Products Show

(photos by Dana Thornburg)
should a specification say to allow these three products? Should specified properties be the lowest given by the manufacturers? What about those properties that are ignored by one or more of the manufacturers?

The problem is exacerbated by a lack of rational standards—standards that are based on analysis and meaningful properties. Most standards are based on what is available; rarely do I see an analysis done to determine what a property or a material thickness should be. Hollow metal door faces are 16 gauge not because a test indicates metal of that thickness performs in a certain way, but because that’s the way they are made.

In the coating example, the lowest compressive strength is 10,000 PSI. Is that necessary? Would a coating with a compressive strength of 8,000 PSI, or even 5,000 PSI, work as well? Is the specified abrasion resistance a good value, or should it be higher? If the specification requires 10,000 PSI and a proposed product reaches only 9,999, is that good enough? Without a rational standard—one that states that a certain PSI is needed—we can only guess.

Standards also exist for many installation procedures. The Tile Council of North America explains how ceramic tile is to be installed, and the Gypsum Association publishes GA216—Application and Finishing of Gypsum Panel Products, which explains how gypsum board partitions are to be installed. These standards make it relatively easy to know if an installation complies with the standards—assuming you have faith in the manufacturers’ published data.

Most installation standards probably are based on experience; I’m sure the coating manufacturers tested various application rates before writing their installation instructions. But what about industry standards? Must drywall screws be installed at six inches on center, or will seven inches work as well? And how often do we verify what we get? I suspect very few firms test installed coatings to verify compliance with anything other than thickness; most have faith in the installers.

Given the vagaries of manufacturers’ product information, how can you evaluate a prior approval request or a request for substitution? If the products in the specification vary as much as
those in the coatings example, how do you know if another product with different properties will or won’t work?

We often ask for coating samples, and get the typical stick showing each layer of the assembly. But what does that tell us? Don’t they all look pretty much the same? Can you tell what’s on the stick? When you visit a building where the coating is installed, do you know what’s there? Can you see the layers? And, by the way, you can bet you won’t see an installation that didn’t work. Visiting existing installations can be useful - assuming you have faith in the person showing it to you.

Despite these problems, we do our best to specify characteristics that are meaningful, and to specify products that are similar enough to be considered equivalent. In the end, we often have little choice but to trust our product representatives, especially our Go-To Guys.

We need fact, but we also must have faith.


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Follow me at http://swconstructivethoughts.blogspot.com/, http://swspecificthoughts.blogspot.com/, http://twitter.com/swolfearch
MEETING SCHEDULE AND INFORMATION

Make reservations by the Friday preceding the meeting.
Call the Chapter Hotline at (714) 434-9909

UPCOMING MEETINGS:

<table>
<thead>
<tr>
<th>March 13</th>
<th>OCCCSI Board Meeting (5:30 P.M.)</th>
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