

ORANGE SPEEL

ASPE Chapter 3 Newsletter

October 2018

Letter from the President

The Year has begun ...

Our first meeting of the new 2018 -2019 year was held on Wednesday, September 12. Those that attended were presented with a very informative presentation on Waterproofing 101 by Kyle Eazor, Regional Manager for Lowry's Specialty Distribution, a supplier of waterproofing, air barrier and concrete restoration systems and materials. He highlighted different waterproofing systems from hot mop to bentonite to admixtures, from deck applications to positive pressure applications over shoring and lagging. I also want to thank Tony Huitron, Jr. of Mark Beamish Waterproofing for arranging Kyle's presentation.

In attendance at our meeting was not just one, but two ASPE Regional Governors. Larry Hendrick, the Southwest Governor and a member of our chapter was there. But also visiting and one who is not a stranger to Chapter 3, Carri Morones, past president of our chapter who served two terms from 2015 to 2017. Carri now lives in Florida and continues to serve ASPE as the Southeast Governor.

At our next dinner meeting on October 10, Bluebeam will be presenting and letting us know what their upcoming program updates and features are. Steve Murow of Murow CM will be the November presenter and will be speaking on "Why Estimators Make the Best Expert Witnesses". During December we will take a break, but start back up in January when our presentation subject will be HVAC.

At our check in table you will find 3" x 5" cards and we encourage you to write down your ideas for dinner programs. Our objective is to make our meetings relevant for what will help all of us be better and more informed estimators.

October 19th and 20th the Northwest Southwest Regional meetings are being hosted by Arizona Chapter 6 and will be held in Tempe, AZ at the Hampton Inn. If you have not attended a regional meeting before, I highly recommend it. Additional information is available on our website.

Members either should have or will be receiving their renewal notices as the renewal date changed from July to January. Effective September 1, 2018 ASPE has adopted a Member Code of Conduct for all new and existing members. To make it easier for CPE's, there will be an official ASPE Chapter sign in sheet at the meetings. These will be scanned and sent to National after each event where they will then input the PDU's into the Members PDU Journals.

Kevin Murphy

ASPE Chapter 3 President



"Professional Estimators shall perform services in areas of their discipline and competence"

- Canon # 1

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Upcoming Programs in 2018:

October 10: "Bluebeam"

by Will Musser of Bluebeam..

November 14: "Why Estimators make the Best Expert Witnesses"

by Steve Murrow of Murrow CM.

Kyle Eazor, of Lowry's Specialty Distribution, discusses the "Key Design Considerations" in his Waterproofing 101 presentation - September 12, 2018.



ASPE Chapter 3 Dinner Meeting held on September 18, 2018:

Waterproofing 101 by Guest Speaker Kyle Eazor of Lowry's Specialty Distribution

Kyle Eazor is the Regional Manager for Lowry's Specialty Distribution, but started his career as a waterproofing consultant. He brings the experience of a consultant with the ability to see how the many waterproofing products work in their appropriate application. His unique experience has made him a valuable asset for not only Lowry's but also for his customers, the waterproofing contractor. The first question he asked was: "what is the function of waterproofing"? The answer: "to keep water out of buildings". To do this you first need to do a system overview which consists of reviewing the following: the specifications, exterior skin components and there locations, geotechnical report, what is the substrate system, sealant maintenance requirements, are certified installers required, what is the subcontractor's guarantee, what is the manufacturer warranty, is the product specific or can it be "an equal", etc. Who is the client and what their expectations are. By knowing the product, it also enables the installer to know where the leaks are most likely to occur. Always be cautious of single source materials as most manufacturers are best at only one material application.

For positive side subterranean applications of waterproofing, the geotechnical report is "key" to knowing what system is required. What will the system be applied to? Is it an application that requires being applied over shoring and lagging or a cast-in-place wall? If the wall is shored and lagged, will there be tiebacks and if so, how many? How will they be waterproofed and what will the access be when installing them. Is drain board or protection board required? Drain board is applied to channel or move the water down to a drain pipe or collector which then moves it to the storm drain system. Protection board should be used if the waterproofing is in the water table. Negative side waterproofing is applied to the inside of the wall, and can be a cementitious coating or epoxy grout injection. If using epoxy injection, it will follow the path of least resistance. It is also very expensive and can be budgeted at \$150 per SF.

For horizontal surfaces, one key is for the deck to be sloped toward the drain 1/8" to 1/4" per foot. Code minimum is 2%. Under slab / vapor retarder waterproofing membrane needs to be continuous under slab and tie-in to the vertical below grade waterproofing system.

One thing that was apparent from Kyle's presentation was that waterproofing specification's and applications need to be reviewed and approved by an expert. With all the different types of waterproofing materials consisting of post applied sheet membrane, cementitious coating, grout injection, vapor mitigation, hot rubberized asphalt, cold fluid applied waterproofing, self adhered sheets, concrete admixtures, vapor mitigation, etc.

But after the system is specified and installed how does the owner know it will work? A test has to be performed, previously, the only way was to build a dam, fill with water and let it stand for 48 hours. Then if it leaked, determine the location of the leak, dry it out, reseal it and then re-test the system. Now electronic water testing can be done and leak locations can be determined exactly without a water test.

We want to thank Kyle for a very interesting overview of the different locations and applications for waterproofing and Tony Huitron Jr. of Mark Beamish Waterproofing for coordinating the presentation.

Article by Kevin Murphy, CPE



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Save the Date!!

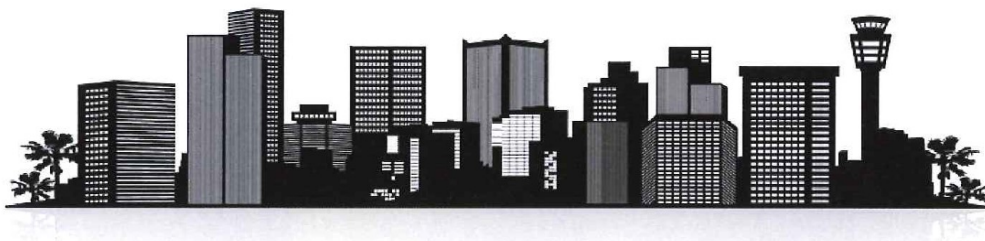
2018 ASPE Joint Southwest/Northwest Fall Regional Meeting

Host: ASPE Arizona Chapter 6

When: Friday & Saturday - October 19 & 20, 2018

Where: Hotel Information Coming Soon

PHOENIX | SKYLINE



Questions? Contact Larry S. Lucero, CPE - llucero@bankerinsulation.com

ASPE Member Meeting

Please RSVP by the Wednesday before each meeting so we are sure to have enough food and place settings.

Registration is available at www.aspe-oc3.org. Click away and make sure you select your dinner choice. On-line payment is now available!

Cost is \$45 if RSVP and pay before the deadline and \$50 if you don't.

The Chapter has to cover the cost of the meals that we confirm.



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