



air barrier  
**abaa**  
association of  
america



## ABAA Newsletter

July 2018

### It's Official! The ABAA Annual Conference for 2019 has been confirmed!

ABAA is pleased to announce the 2019 date for our annual conference!  
Join us March 26 & 27, 2019 in Norfolk Virginia  
at the Sheraton Norfolk Waterside Hotel  
For more information visit our conference website:  
[abaaconference.com](http://abaaconference.com)

### We're Currently looking for Abstracts

If you are interested in presenting at our annual conference, for further information and our application form, [click here](#)  
Please note the deadline for submissions is October 15, 2018.

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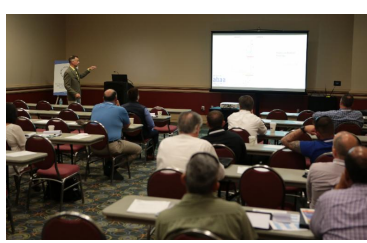
### Highlights from our 2018 Conference in Salt Lake City, UT



The 2018 conference in Salt Lake City was another great show for ABAA! Attendees participated in different aspects of the conference that were offered, such as the trade show, educational presentations, and training sessions. For a full listing and downloadable copies of the terrific presentations given at the event, [click here](#)

### Education and Training

ABAA provided presentations with keynote speakers, installer and auditor training and four concurrent educational sessions geared towards general contractors, design professionals, air barrier contractors, consultants, and testing labs. Topics included whole building testing, designing critical interfaces, code requirements, specifications development, quality assurance and quality control techniques.



## Awards Ceremony recognizing some of the outstanding achievements over this past year

Congratulations to Mr. Roy Schaufele, FCSI, CCPR, FABAA, LEED Green Assoc., Division 7 Solutions, Inc., Converse, TX for being awarded the first Wagdy Anis Award of Dedication. This is one of the highest recognitions in the air barrier industry. Roy is a multiple award recipient from the City of San Antonio, Office of Sustainability and Build San Antonio Green for his environmental efforts in construction sciences and education. Globally, Schaufele is the only person to have achieved Fellowship recognition by both the Construction Specifications Institute (CSI) and ABAA.



### **Contractor Awards – QAP Excellence Awards**

This award is presented to ABAA Accredited Contractors who have successfully completed a minimum of 5 site audits in which they have been assessed no more than 30 total demerit points by our ABAA site auditors.

- Armani Restoration Inc.
- Bofo Waterproofing Systems
- IBP – Installed Building Products
- Insulation Coatings and Consultants
- Strickland Waterproofing Co., Inc.
- Tailored Foam, Inc

### **Contractor Awards – Air Barrier Excellence Awards**

This award is presented to an ABAA Accredited Contractor who has successfully completed a minimum of 5 site audits and been assessed a total zero demerit points by our ABAA site auditors.

- Alpha Insulation & Waterproofing Inc.
- EBS – Exterior Building Services, Inc.
- Standard Waterproofing, Corp.
- Superior Insulation Co. LLC
- The Drying Company/ThermalTec

### **Chairman's Award - Board of Directors Years of Service Award**

This is presented to any board member that finished their term and is coming off the board.

- Brian Carey
- Lance Robson, Jr
- John Chamberlin

### **Committee Chair Award**

This award is to recognize any committee chair for the contribution and involvement in the committees.

- Research Committee: Andrew Dunlap and Sarah Flock
- Technical Committee: John Posenecker and Andrea Wagner Watts

This event was made possible by our sponsors



## Achieving a High Performance Air Barrier System: Proper Design, Installation, and Field Quality Control

By Laverne Dalglish

### Abstract

An air barrier system is somewhat different than many of the other building components making up a building. You cannot see air leakage. As a designer, you have to trust the trade contractor and his workers that they will make all the connections air tight. This is being done by an industry that some say are quick to cover everything up so you don't see the level of quality in an installation (or lack of quality). This presentation will walk you through the steps whereby you can reduce your risk in the installation of an air barrier system thereby improving the moisture and energy performance of a building. The presentation will also cover what happens if you do not get it right. Many think of air barriers as simply saving energy, but the main reason you install an air barrier system in a building is to reduce moisture problems. This is true not just in cold climates but in warm climates, as well.

### Quality assurance is risk management

The problem with an air barrier system is that you cannot see the air leaks. What you may think is very airtight, can actually be very leaky and what you would expect to be very leaky may actually be very airtight. There are ways to allow you to "see" air leaks by using chemical smoke to see the leaks or you can measure the airflow rate into and out of the building. You can never make a building too tight but you do need to ventilate right. The goal for each building needs to be to make the building as tight as possible.

### a. Site Quality Assurance Circle



To achieve this you need to do a risk assessment for each component or person that will be involved in the installation of the air barrier system. By determining the potential for risk and then determining the magnitude of the potential risk, you can then take the

appropriate steps to mitigate the risk. You cannot rely on any one single action to remove the risks involved in installing an air barrier system in a building. Buildings work as systems and the air barrier is only effective if the air barrier works as a system. I developed a quality circle back in the late eighties that has worked well in addressing this issue... [Click here to read the full article](#)

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## Committee Updates

### Research Committee

- The Pull Adhesion Database Reports project is complete, summary was sent to the Technical committee.
- The Sub-Assembly Testing project requires additional funds already allocated to the committee, thus a request to the Board of Directors will be made so the project can continue moving ahead.
- Round one of the water sensor test is done with the identified labs. A live video webinar was held between all participating organizations to discuss what was learned during the process, and any challenges they came across. The second set of labs will move forward in their testing and will report back.
- NIST has been working on adding the 4 new archetypes to the energy savings and water transport calculator with a scheduled completion date of September 30, 2018.
- The Research committee will as well work alongside the Conference committee to assist in reviewing abstracts for the 2019 ABAA conference.

ABAA Would like to thank all the members of the Research Committee for their contributions:

Committee Chairs: Andrew A. Dunlap – Smith Group JJR Inc.  
Sarah Flock – Raths, Raths & Johnson, Inc.

- Marysusan Couturier - GCP Applied Technologies Inc.
  - Andre Desjarlais - Oak Ridge National Laboratory (UT-Battelle)
  - Marcus Jablonka - Dörken Systems Inc.
  - Kevin Nolan - VaproShield, LLC
  - Steve Peklenk - Corporate Construction Services, LLC
  - Ajith (AJ) Rao - USG Corporation
  - Brian M. Stroik - Tremco
  - Julie Szabo - Wiss, Janney, Elstner Assoc.
  - Andrew Wagner - WDP & Associates Consulting Engineers, Inc.
  - Martin Widenbrant – 3M
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## Upcoming Events

### Installer Training

#### **Self-Adhered and Fluid Applied Membranes**

**August 28-30, 2018** in Hayward, CA  
**September 11-13, 2018** in San Francisco, CA  
**November 6-8, 2018** in San Francisco, CA

#### **Spray Polyurethane Foam**

*Stay Tuned for additional dates to be confirmed*





**Auditor Training** *Stay Tuned for additional dates to be confirmed*

[Click here](#) to register for any of our training courses

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## Tradeshows & Conferences

### **Symposiums**

- **September 25, 2018** - AIA Albany Air Barrier Symposium in Albany, NY  
<http://www.airbarrier.org/event/air-barrier-symposium-aia-eastern-new-york-albany/>
- **September 26, 2018** - BEC Boston Air Barrier Symposium in Boston, MA  
<https://www.airbarrier.org/event/air-barrier-symposium-aia-eastern-boston-ma-2/>
- **October 17, 2018** - BEC Chicago Air Barrier Symposium in Chicago, IL  
<https://www.airbarrier.org/event/bec-chicago-air-barrier-symposium/>
- **October 18, 2018** - IMI Chicago Air Barrier Symposium in Addison, IL  
<https://www.airbarrier.org/event/air-barrier-symposium-aia-eastern-addison-il/>
- **November 6, 2018** - BEC & RCI Seattle Air Barrier Symposium in Seattle, WA  
<https://www.airbarrier.org/event/air-barrier-symposium-seattle/>
- **November 7, 2018** - BEC Portland Air Barrier Symposium in Portland, OR  
<http://www.airbarrier.org/event/air-barrier-symposium-portland/>
- **November 16-17, 2018** - 2018 RCI Building Envelope Symposium in Nashville, TN  
<http://rci-online.org/building-envelope-edu/be-symposium>

### **Presentations**

- **August 23, 2018** - AIA Austin, in Austin, TX - How to properly specify an air barrier system - Summer conference  
<https://www.aiaaustin.org/event/summer-conference-0>
- **October 25, 2018** - AIA Houston - Center for Architecture, Houston, TX - Roof to wall connection - The Big Disconnect  
<http://www.airbarrier.org/event/bec-houston-and-abaa-meeting-air-barrier-systems-2/>

For further information on any of our upcoming presentations, conferences, and symposiums, visit the events listing on our website

<https://www.airbarrier.org/events/>

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