

3RD QUARTER 2020 NEWSLETTER

air barrier
abaa
association of
america

GREETINGS FROM THE CHAIR | BRIAN STROIK

Welcome to the ABAA Industry Newsletter; I hope you and your loved ones are safe and healthy during this unprecedented time. Over the summer months, the ABAA has continued to be the voice for building enclosure excellence and worked diligently to continue to improve our industry. Our team finalized and kicked off our Certified Air Barrier Specialist (CABS) training manual <https://www.airbarrier.org/certified-air-barrier-specialist-2/>. We continue to promote quality assurance practices and programs <https://www.airbarrier.org/news/tremco-cpg-live-episode-15-air-barrier-association-of-america/>, certify installers <https://www.airbarrier.org/education/installer-courses/>, so the industry knows it has a qualified, trained, and certified workforce for the installation of this critical phase of installation, and we continue to validate their installations on job sites. Also, the ABAA continues to educate the industry with some of the best speakers in our weekly webinars, <https://www.airbarrier.org/events/category/webinars/>. The ABAA has furthered collaboration in research with groups like Oak Ridge National Laboratories and the State of Washington by continuing to provide technical guidance in our Technical Bulletins. There has been a tremendous amount of work going on to benefit our industry.

I would like to take a moment and highlight the Certified Air Barrier Specialist (CABS) Program, designed to bring a higher level of professionalism to the air barrier industry. This Certification program ensures that professionals have the knowledge and skills to provide building stakeholders with a consistent message on the requirements for air barrier systems. We recommend anyone who advises: architects, owners, installers, auditors, or other building stakeholders in the use, design, and installation of air barriers to become Certified. The CABS Certification is currently available to take <https://www.airbarrier.org/certified-air-barrier-specialist-2/>. To date, only one person successfully passed the test - Past ABAA Chairman Roy Schaufele. In conversations with Mr. Schaufele (who did NOT have access to the CABS Study Guide) regarding the Certification exam, he stated: "I've been in this business for 48 years, have developed my own chemistry's and line of air barriers, and damn - that test was hard!" Knowing one of the industry's top minds found this exam difficult prompted the ABAA to develop the new CABS Training manual. The manual is now available for anyone wishing for assistance in studying for this Certification. I wish you all good luck in studying for and taking the exam.

Our Contractors and Installers continue to amaze me, with ABAA having record numbers in QAP projects and Installers being trained and Certified. A big thank you to the QAP / Contractors Committees, and especially the Chairs (Matt Giambrone - Contractors, Chris Huettig - QAP, and Tom Kita - QAP) for continuing to promote Quality Assurance excellence on projects and to find ways to provide top-level education to installers.

Finally, I would like to thank all our Chairs and the volunteers who make this organization the best in the industry. It is a tremendous amount of work, and hopefully, we can start to travel, enjoy some face to face meetings, and celebrate the successes

you have made and provided to all individuals interested in constructing better buildings.



The Certified Air Barrier Specialist program is to ensure that a professional has the knowledge and skills to give building stakeholders a consistent message on the requirements for air barrier systems. These systems include the selection of air barrier materials and accessories for a specific application, the proper installation instructions for those materials, and any drawings or specifications related to an air barrier system.

Why should I get certified?

By having a certification from an accredited organization like the Air Barrier Association, you will be able to demonstrate your expert knowledge of air barriers across five major air barrier methods: board stock, fluid-applied, mechanically attached, self-adhered, and spray foam.

Who should become CABS certified?

Anyone who advises architects, owners, installers, inspectors/auditors and other building stakeholders in the use, design and installation of air barriers. Typically these individuals would be:

- Building Envelope Consultants
- Architects
- Manufacturer Representatives
- Sales Professionals
- Technical Field Representatives
- Technical Directors

 **Learn More:** <https://bit.ly/2RfhZ6y>

ABAA INTERFACE GUIDELINES, CURTAIN WALL GLAZING ASSEMBLIES

BY ADAM UGLIUZZA

Air leakage and water penetration performance has been established for most building enclosure material and assembly components that are commonly used in the building construction industry. However, air leakage and water penetration performance at the interface of materials and assemblies is often missed or misunderstood. Continuity of a building's air and

water control layer(s) lies heavily on how well the building enclosure components are interfaced. It is critical for the design professional to establish which components of the building enclosure will comprise the building enclosure air and water control layer(s).

➤ **Learn More:** <https://bit.ly/35GVD6p>

PRESS RELEASE

ABAA APPOINTS EXECUTIVE ADVISOR

The Air Barrier Association of America (ABAA), an international trade organization, is pleased to announce the appointment of a new Executive Advisor, Mr. Roy Schauffele, FCSI, CCPR, FABAA, CABS.

The Executive Advisor will further ABAA's goals by providing a resource to the construction community to assist in areas of education, building codes, construction details, specifications, and the ABAA quality assurance program.

Serving three terms as Air Barrier Association Chairperson, Roy has an intimate knowledge of association operations and governance. He has actively participated in the board of directors and various committees for ABAA. Roy provides a well versed and unbiased resource for the ABAA to continue to move forward and expand the support for the industry as a whole.

Roy Schauffele is an internationally published author and speaker in the fields of energy conservation and sustainable building envelopes, including insulation, air barrier technology, roofing & waterproofing, and vegetative & cool roofing. He utilizes this knowledge to help improve building science, performance, and quality of life. With 48 years of working within Division 7 product categories, he is the acknowledged inventor of "The Perfect Wall," which is now the national building code standard for wall construction.

He is President and founder of Division 7 Solutions, Inc, now entering its 33rd year of continuous operations. Previously a Technical Advisor to Build San Antonio Green (BSAG) and an award winner 2012 for his Technical Contributions to BSAG and named the 2016 Individual Green Practitioner by the City of San Antonio for Sustainable Education and Outreach.

EXTERNAL ARTICLE: SOLID SUBSTRATES FOR HIGH-PERFORMANCE AIR BARRIERS

BY BEN DYKSTRA, DIRECTOR OF QUALITY MANAGEMENT FOR PEPPER CONSTRUCTION

Not only do air barriers help protect buildings against devastating moisture issues, they dramatically improve energy efficiency by reducing air infiltration and exfiltration. Today's air barriers are sophisticated materials with advanced properties to protect the building from water, air, and sometimes vapor transfer. These products are developed by scientists and are tested in labs under ideal conditions. But buildings aren't built in labs or by scientists and are

often constructed in less than ideal conditions. The truth is, air barriers are only as good as the substrate, and the substrate is almost always constructed by a different trade. Further complications for air barrier installation include weather, construction sequencing, and adjacent materials coordination. This article will discuss the proper construction of the substrate and common pitfalls during air barrier installation in the field.

➤ **Read More:** <https://bit.ly/32owziE>

HAVE AN INDUSTRY RELATED ARTICLE YOU WOULD LIKE TO SEE FEATURED IN OUR NEWSLETTER?

Submit it to us for review and you could see your work published in the next newsletter! Also, we would love to hear your feedback on our newsletters and any content you want to see more or less of?

Email it to us at: abaa@airbarrier.org

THIS YEAR'S
PROGRESS

ATTENDEES
3,671

CEU'S
4,668

EVENTS
47

WHAT ABAA HAS BEEN UP TO



**AIR BARRIER
EDUCATION
FOR THE
CONSTRUCTION
INDUSTRY**

ABAA continues to host weekly webinars to the industry and will offer these through the fall until face to face events are permitted. On June 2nd, ABAA partnered with BNP Media for a webinar presented by Roy Schaufele on Roof to Wall Connections. The webinar had the highest attendance on record, at 1,066 attendees. We thanked Roy and a host of other ABAA members and approved speakers who volunteered their time to be one of our webinar presenters. With this help, we are able to offer presentations outside of our standard offerings,

thus creating a more diverse topic range for our attendees. Below is a listing of past and upcoming webinars being offered. All are available on the ABAA website Events Tab.

If you are involved in a local organization and would like ABAA to present a future half or full-day symposium or would like us to host a webinar for your members, please reach out to Tamara Foncerrada at the ABAA office via email: tamara@airbarrier.org or by phone: (339) 206-1142.

For information on past and upcoming webinar details, please visit the ABAA website here: <http://www.airbarrier.org/events/category/webinars/>

SUMMARY OF EDUCATIONAL EFFORTS (JUNE – AUGUST)

02-June-20 – ABAA/BNP Media Webinar; Roy Schaufele “Roof to Wall Connections”
11-June-20 – ABAA Webinar; Melissa Payne “Why of Commissioning”
18-June-20 – ABAA Webinar; Corey Zussman “Understanding Difficult Critical Transitions”
24-June-20 – ABAA Webinar L&L; Laverne Dalglish “Oh No! What Did I Miss? How to Specify an Air Barrier”
26-June-20 – ABAA Webinar; Ben Meyer “Moisture Durability in Low Slope Roofing”
09-July-20 – ICC San Joaquin Valley Webinar; Laverne Dalglish “Oh No! What Did I Miss? How to Specify AB”
09-July-20 – STV Inc. Webinar; Laverne Dalglish “A Sticky Subject”
15-July-20 – PHIUS Webinar; Laverne Dalglish “Oh No! How to Specify an Air Barrier”
16-July-20 – ABAA Webinar; Peter Barrett “NFPA 285 and Air Barriers”
23-July-20 – ABAA Webinar; Adam Ugliuzza “Interfacing of Glazing Assemblies & Air Barriers”
30-July-20 – ABAA Webinar; Andre Desjarlais “The ABAA/ORNL Air & Moisture Leakage Calculator”
06-Aug-20 – ABAA Webinar; Len Anastasi “Avoiding Building Enclosure Failures”
13-Aug-20 – ABAA Webinar; John Posenecker “Waterproofing Used as the Air Barrier on the Other Sides of B”
20-Aug-20 – ABAA Webinar; Tom Kita “So, You Need an Inspection...Site Audit Processes”
27-Aug-20 – ABAA Webinar; Andrea Wagner Watts “Continuity of Air Barriers in Building Systems”

ABAA QAP CALCULATOR



Take advantage of our new online tool, the QAP Calculator, to help you better understand the REAL cost associated with the ABAA Quality Assurance Program – learn why it's only a fraction of the construction cost. The ABAA QAP was carefully designed to limit the repair expenses associated with an air barrier that has already been buried in construction.

Save time, save money, and build a sustainable building in the process.

TRAINING & EDUCATION



**AIR BARRIER
EDUCATION
FOR THE
CONSTRUCTION
INDUSTRY**

UPCOMING SYMPOSIUMS AND PRESENTATIONS



DATE	ORGANIZATIONS	LOCATION
21-Sept-20	Advancing Construction Quality Conf.	Virtual
7-Oct-20	Construct Show	Virtual
13-Oct-20	CSI/BEC Minnesota	Virtual - Half Day
14-Oct-20	CSI/BEC Iowa	Virtual - Half Day
Nov-2020	IIBEC Conference	Virtual
31-Mar-20	Southeast Building Professionals Conf.	Raleigh, NC
19-Oct-20	ABAA Building Enclosure Conf.	Reston, VA

UPCOMING INSTALLER TRAINING

SELF-ADHERED & FLUID APPLIED TRAINING

Sept 21-23, 2020 ~ Virtual
Nov 2-4, 2020 ~ Virtual
Dec 7-9, 2020 ~ Virtual

FIELD AUDITOR TRAINING

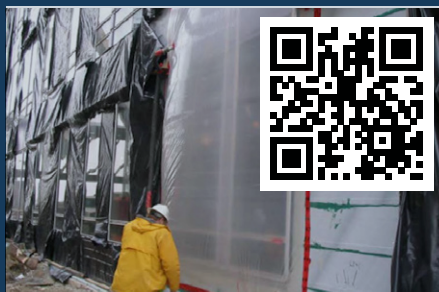
Oct 19-21, 2020 ~ Virtual

SPRAYED POLYURETHANE FOAM INSTALLER TRAINING

Oct 5-7, 2020 ~ Virtual
Nov 16-18, 2020 ~ Virtual

CHECK WEBSITE FOR THE MOST UP-TO-DATE INSTALLER TRAINING SCHEDULE

 www.airbarrier.org/education/installer-courses/



1 AIA LU/HSW

**TRUST, BUT VERIFY
QC FOR YOUR AIR
BARRIER**



**AIR BARRIER
EDUCATION
FOR THE
CONSTRUCTION
INDUSTRY**



<https://bit.ly/333le5m>



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**THE IMPORTANCE OF
THE WALL TO ROOF
CONNECTIONS FOR THE
AIR BARRIERS**



**AIR BARRIER
EDUCATION
FOR THE
CONSTRUCTION
INDUSTRY**

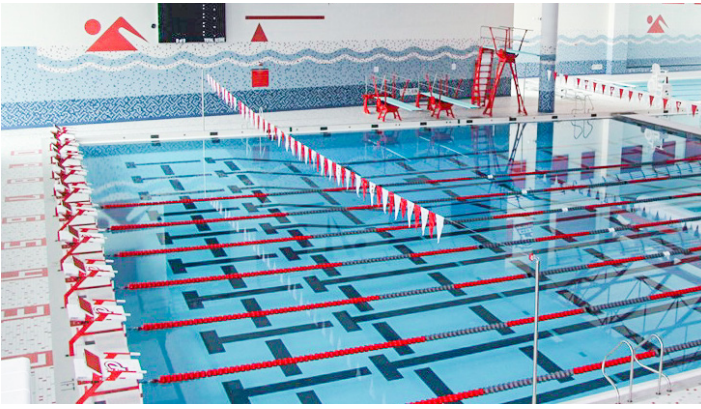


<https://bit.ly/3jWS9kb>

**ONLINE
TRAINING
MODULES YOU
CAN DO ON
THE GO!**

**ABAA
ON-DEMAND
TRAINING**

FEATURE QAP PROJECT



ARCHITECT: Fanning Howey Architects
ACCREDITED CONTRACTOR: Superior Insulation Co. LLC
GENERAL CONTRACTOR: J.C. Ripberger
AIR BARRIER INSTALLERS: Matt Layou, Chuck Kratzer
LOCATION: 5401 W 71st St, Indianapolis, IN 46268
TYPE: Education **VALUE:** \$10,000,000
BUILDING AREA (sq. ft.): 40,000
TOTAL AIR BARRIER AREA (sq. ft.): 24,000

On the Pike High School Aquatic Center Project the Architect was looking for a 2" continuous insulation system to be installed on the exterior CMU wall. The architect chose an ABAA contractor to ensure the system was being installed properly and per the manufacturer's guidelines.

<https://www.airbarrier.org/portfolios/pike-high-school-aquatics-center/>

AIR/MOISTURE OUT.
CONFIDENCE IN.

QAP

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The next intake for QAP projects is scheduled for September. Applications will be reviewed in October, with posting to the ABAA website in November. ABAA would love to promote the QAP with projects such as these.

Watch your email! All projects will be showcased on our weekly email and social media outlets.

2021

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BUILDING ENCLOSURE CONFERENCE

**AIR BARRIER EDUCATION
AT THE HIGHEST TECHNICAL LEVEL**

SAVE THE DATE

RESTON
VIRGINIA

OCT 19-20
2021

MORE INFO AT: ABAACONFERENCE.COM

LOCATION: THE HYATT REGENCY RESTON

