

# 3<sup>RD</sup> QUARTER NEWSLETTER

2024

air barrier  
**abaa**  
association of  
america

## **ABAA'S 2025 CONFERENCE Call for Abstracts Now Open!**

Exhibitor and Sponsorship  
Opportunities Available

## **QAP FOR CONTRACTORS Enhancing Building Performance**

A Feature from  
Brian & Amy

*Showing Our Members:  
Why They joined and Their Perspective  
on the Future of the Industry*

Explore Recent Projects and Achievements

*Educational Excellence: Over 13 Events and 8 Webinars*

Plus Upcoming Training and Conference Highlights





## A LETTER from the COO

Ryan Dalgleish, Chief Operating Officer

Well, it seemed that summer flew by! The days of holidays, relaxing and enjoying the weather (except for our southern friends that might find it too hot!) in the rear-view mirror.

Although summer is not necessarily the best time to have individuals commit to training, our weekly Thursday webinars continued with great engagement and we also offered the first Flashing Awareness Day in late August. This full-day series of presentations revolving around flashing had 1,488 individuals attend. This was quite a number, given it was scheduled on a Monday at the end of summer!

Some key projects that began over the summer was work on the final development of a series of Roof-to-Wall transition details in both 2D and 3D format. This will be an incredible resource to the industry on one of the most challenging transition conditions. With a myriad of air barriers, roof materials, design options and coordination challenges, this key connection maybe not be executed well to perform for the long-term. The two key areas we find leak the most in buildings are window-to-wall connections and the roof-to-wall connections.

Now we enter the busy fall season where there is a myriad of conferences, meetings and other events. It will be a time that the association will be running at 110%, as we prepare to offer all our training, attend various industry events and continue to provide valuable technical information. We will have several face-to-face symposiums, so

please check out our calendar if we have an event happening in your area or if you are attending a trade show we are participating in, please stop by our booth to find out how we can support you.

Recently in mid-September, our board of directors held a strategic planning session in beautiful Portland, ME. Our last planning session happened in January of 2020 and was only two months before the world shut down and forever changed.

The goal of the meeting was to develop a 3-year plan, along with one-year priorities, with some future gazing past 3 years. With how quickly things change these days, looking out too far in the future may be a challenge, so the plan was very focused on short-term deliverables and providing a clear path to obtain our goal.

As the association has grown each year, we know there is more that we can do to support our members and the greater AEC community. We are excited with some of the initiatives we will start to immediately undertake that will add further value to what the association does.

With that being said, I need to provide a heartfelt thanks to our volunteer leadership that continually devotes their time and participated in the strategic planning session. We truly have a group of board members that care about our membership and are doing the right thing to support the industry to make it better.



# The Importance of ABAA's Quality Assurance Program for Contractors



**AN ARTICLE BY  
AMY BAKER AND  
BRIAN STROIK**

0.01% OF THE TOTAL PROJECT COST    6,000\$ COST FOR \$50M PROJECT



In the construction industry, ensuring quality and performance is paramount. One way contractors can achieve this is by utilizing the Air Barrier Association of America's (ABAA) Quality Assurance Program (QAP). Developed approximately 20 years ago, this program has been implemented in projects nationwide with remarkable success. Let's delve into why contractors should consider integrating this program into their projects.



## Reducing Water Leakage and Enhancing Air Quality

Water leakage is a leading cause of construction defect claims, warranty call backs, and rework on a project. With less than 20% of construction managers in the United States having a formal functioning and effective quality assurance program, ABAA's QAP provides an invaluable supplement to ensure proper installation of the air barrier. The program acts as a second set of eyes on the job site, ensuring that materials are not only selected based on performance evaluations but are also correctly installed. This approach reduces rework and accelerates the installation process.

Over the last twenty years, building science has shown that a properly

installed air barrier significantly decreases water intrusion, mold, and condensation. It also enhances the building's air quality, ensuring comfort for occupants. This translates to fewer complaints about draftiness and poor ventilation, resulting in happier building occupants.



## Energy Efficiency and Sound Performance

Beyond these benefits, an airtight building offers additional advantages. HVAC systems can perform as designed, and sound transfer from outside is minimized. Most importantly, energy savings are expected from an airtight building, allowing the building to perform more energy efficiently.

➤ **Read more:** <https://bit.ly/3XAnMFE>

**SAVE  
THE  
DATE**

**abaa2025** building  
enclosure  
conference  
DENVER, COLORADO MAY 6-7, 2025

# Call for **Abstracts** is Open Now!

**NEW**  
FOUNDATIONAL TRACK  
FOR EMERGING PROFESSIONALS

Deadline is November 1, 2024.

[www.abaaconference.com/call-for-abstracts/](http://www.abaaconference.com/call-for-abstracts/)



## Sponsorships are now open

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[www.abaaconference.com/sponsor-2025/](http://www.abaaconference.com/sponsor-2025/)

FEATURE YOUR EXPERTISE

## Exhibitor opportunities are still available

Your booth will thrive in a high-traffic zone, strategically positioned near keynote speakers, meal venues, and training rooms.

[www.abaaconference.com/exhibitor-information/](http://www.abaaconference.com/exhibitor-information/)



## MEMBER SPOTLIGHTS

The Air Barrier Association of America (ABAA) peeks inside the careers of some of its members. Learn what made them become an ABAA member, what led them to a career in construction, building science, manufacturing, architecture and more, as well as get their perspectives on the future of the air barrier industry.



### AMY BAKER

AIA, LEED AP, CSI, CDT, SCIP  
Architect |  
Specifications Consultant  
Amy Baker Architect  
Royal Oak, MI

ABAA member for 6 years

➤➤ Read more: [bit.ly/4em7Bmy](https://bit.ly/4em7Bmy)



### TOM HARRIS

President  
Tom Harris PUR  
Consulting, LLC  
Minneapolis, MN

ABAA member for 4 years

➤➤ Read more: [bit.ly/3Y0pWjb](https://bit.ly/3Y0pWjb)



### THERESA THOMPSON

President  
Standard Waterproofing Inc.  
Winslow, ME

ABAA member for 22 years

➤➤ Read more: [bit.ly/3N4mPQZ](https://bit.ly/3N4mPQZ)



### DANKO DAVIDOVIC

Ph.D., P.E. (GA)  
Senior Building Scientist  
Huber Engineered Woods LLC  
Commerce, GA

ABAA member for 9 years

➤➤ Read more: [bit.ly/4gFMQUv](https://bit.ly/4gFMQUv)



### JANNA ALAMPI

CABS Certified  
Principal Architect + Owner  
EPICx Studio  
Ankeny, IA

ABAA member for 3 years

➤➤ Read more: [bit.ly/4eksw9H](https://bit.ly/4eksw9H)



### WAYNE BUTLER

Project Manager /  
Building Enclosure Consultant  
Applied Building Sciences  
Charleston, SC

ABAA member for 7 years

➤➤ Read more: [bit.ly/3zCkZDS](https://bit.ly/3zCkZDS)

## LEARNING UNIT CAFE IS OPEN

### Order From the Menu

Sample our Learning Unit Café, an online menu of our most requested air barrier courses that any architectural firm, BEC, CSI, or AIA chapter can schedule at their convenience.

The menu consists of both Live and On-demand presentations and all are 1 LU/HSW, and many are GBCI.

» ORDER NOW

### Have an Article Idea?



Do you have an article or idea in mind? Publishing an article can be a great way to advance your career and create new opportunities.

We pair ABAA Members with ABAA Mentors that will advise you on your article, and verify technical details.

You have skills and knowledge others are trying to obtain. We are looking to assist with articles on a wide range of air/moisture barrier topics, from absolute beginner to highly technical. Contact us to get started!

Contact Louise at:  
[lhardman@airbarrier.org](mailto:lhardman@airbarrier.org)



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#### MAIN COURSE

##### **Oh No! What Did I Miss? How to Properly Specify an Air Barrier**

By: Ryan Dalglish, CSI, CAE

##### **The Big Disconnect: The Importance of Wall to Roof Connections for Your Air Barrier**

By: Ryan Dalglish, CSI, CAE

##### **Please Proceed with Caution: Ensure Your Building Enclosure is Sustainable and Performs**

By: Brian Stroik, ACIG, Performance Excellence & Quality Consultant, Chair of the ABAA, Past Chair – BEC National

##### **Trust, but Verify - QC for your Air Barriers**

By: Ryan Dalglish, CSI, CAE

##### **New Tools to Help Drive Decisions in your Air Barrier Specifications**

By: Ryan Dalglish, CSI, CAE

##### **Air Barrier Material Testing – Why Peanut Butter is Good for a Sandwich, but NOT for your Air Barrier**

By: Laverne Dalglish, ABAA Executive Director

#### TAKE-OUT

##### **Specifying Air Barriers to Achieve Airtightness**

By: Laverne Dalglish, ABAA Executive Director

##### **Game Plan to Getting Air Barriers Right**

By: Brian Stroik, ACIG, Performance Excellence & Quality Consultant, Chair of the ABAA, Past Chair – BEC National

##### **“By Others” – The Elusive Subcontractor Responsible for Transitions + GBCI**

By: Andrew Dunlap, AIA, CDT, LEED AP, NCARB, Principal, SmithGroup, Inc.

#### DESSERT

##### **Certified Air Barrier Specialist (CABS) LAUNCH WEBINAR**

By Roy Schaufele, FCSI, CCPR, FABAA, CABS

\*On-demand Presentations 24/7

\*On-demand Presentation 24/7

WWW.AIRBARRIER.ORG

### CEUs On-Demand

#### Through-Wall Flashings and Transition Membranes: Selection & Installation

» REGISTER: [bit.ly/45rkGqU](http://bit.ly/45rkGqU)

#### QA or QC: What to Specify for High Performance Building Enclosure

» REGISTER: [bit.ly/4eZYRCH](http://bit.ly/4eZYRCH)

#### A Risk Management Strategy for Air Barrier Installation – the ABAA QAP, a Tech Talk with ABAA

» REGISTER: [bit.ly/4csy4xT](http://bit.ly/4csy4xT)

#### Building Enclosure Control Layer Fundamentals

» REGISTER: [bit.ly/3z17HAN](http://bit.ly/3z17HAN)

#### Cracking: Why Buildings Move

» REGISTER: [bit.ly/4b2fuLn](http://bit.ly/4b2fuLn)

#### Failure is Not An Option: Air Barrier Continuity Strategies for Storefront & Curtain Wall Systems

» REGISTER: [bit.ly/3RC4ihH](http://bit.ly/3RC4ihH)

#### A Guide for Building Enclosure Commissioning

» REGISTER: [bit.ly/47Nf1wv](http://bit.ly/47Nf1wv)



# Is Your Organization Getting All the Education Benefits ABAA Has to Offer?

3<sup>rd</sup> Quarter | On Continuing Education Provided to the Industry



# 8+5

8 Hosted ABAA webinars  
+ 5 additional webinars scheduled  
for ABAA's International Flashing  
Awareness Day

# 13

### JOINT EDUCATIONAL EVENTS

Including partners: U of Iowa, Penta Building Group,  
Lamoureux Pagano Associates

# 1

### ABAA CONTRACTOR WEBINAR

Topic: A Little Light Reading:  
A Contractor's Guide to Specifications

JANUARY  
TO AUGUST

ATTENDEES  
**15,434**

EVENTS  
**68**

CONTINUING EDUCATION UNITS  
**17,419**

air barrier  
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association of  
america

## Attention BEC, CSI, AIA, and IIBEC Chapters

Be a part of our ongoing educational partnerships  
for premier building enclosure education!

Discover a range of AIA accredited educational opportunities with ABAA, tailored to fit your learning preferences. We offer diverse formats, from convenient virtual sessions, to engaging face-to-face educational symposiums, to our acclaimed Air Barrier Rodeo, where theory meets hands-on practice for a truly enriching experience.

### ABAA's Commitment

- Curate Expert Education Programs
- Coordinate Top Speakers & Topics
- Cover Speaker Travel Expenses
- Promote Extensively to Industry Stakeholders
- Assist with Sponsorship & Provide Attendee Resources
- Manage AIA Reporting & Post-Event Survey

### Host Organization's Role

- Secure Venue & Provide Food
- Handle Registration & Local Promotion



ABAA's flexible partnerships recognize the diverse resources and leadership capacities across chapters and organizations.

E: [tamara@airbarrier.org](mailto:tamara@airbarrier.org)  
P: 339-206-1142



# ABAA IN ACTION



## Upcoming ABAA Education

Oct 3	Let's Talk About Specs, Baby	➤ Register: <a href="https://bit.ly/3ZOXTEC">bit.ly/3ZOXTEC</a>
Oct 10	Future Ready Design Considerations for Building Enclosure Design	➤ Register: <a href="https://bit.ly/4gHk7P6">bit.ly/4gHk7P6</a>
Oct 17	Diagnosing Air Leaks in Building Enclosures	➤ Register: <a href="https://bit.ly/4doqhRs">bit.ly/4doqhRs</a>
Oct 24	Exterior Insulation: Advanced Perspectives for Fire, H <sub>2</sub> O, and Thermal Performance	➤ Register: <a href="https://bit.ly/3N00a8C">bit.ly/3N00a8C</a>
Oct 31	Multi-Zone Pressure-Neutralized Air-Leakage Testing of Large Buildings	➤ Register: <a href="https://bit.ly/3ZCifkC">bit.ly/3ZCifkC</a>
Nov 7	Critical Choices: Managing Air/Vapor in Low-Slope Roof Systems	➤ Register: <a href="https://bit.ly/3Bhzl7G">bit.ly/3Bhzl7G</a>

## ABAA at Education Events & Conferences

Sept 30 – Oct 1	IIBEC Building Envelope Symposium, Toronto, ON
Oct 7 - 9	Advancing Construction Quality Conference, Phoenix, AZ
Oct 8	CSI Chicago Chapter Meeting, Chicago, IL
Oct 10	Wagdy Anis Symposium, Boston, MA
Oct 11	IIBEC Atlanta Chapter Meeting, Atlanta, GA
Oct 29	BEC Detroit Enclosure Consciousness, Detroit, MI
Oct 29	CSI/IIBEC Half-day Air Barrier Rodeo, Nashville, TN
Oct 30	CSI/IIBEC Half-day Air Barrier Rodeo, Atlanta, GA
Oct 30 - Nov 1	MetalCon Conference, Atlanta, GA
Nov 7	RAiNA Conference, Chicago, IL
Nov 13	BEC Kansas City Symposium, Kansas City, KS
Nov 14	BEC Iowa Symposium, Des Moines, IA
Nov 15	BEC Austin Next Gen Symposium, Austin, TX

## Upcoming Certification Trainings

### Self Adhered and Fluid Applied Training

Oct 1-3	Kent, WA
Oct 8-10	Online
Nov 5-7	Online
Nov 19-21	Carrollton, TX
Dec 3-5	Online

### Sprayed Polyurethane Foam Installer Training

Nov 19-21	Online
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### Field Auditor Training

Oct 29-31	Online
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### Whole Building Airtightness Training

Dec 2-5	Daytona Beach, FL
Dec 16-20	Seattle, WA

➤ Register: [bit.ly/3zj5RLb](https://bit.ly/3zj5RLb)



# Lay-Z-Boy Headquarters

This commercial project involved a change from rigid board to spray foam and air barrier systems, enhancing the building's overall performance and efficiency. The air barrier installation was completed by an accredited contractor to meet high-quality standards.

**Architect:** The Collaborative

**General Contractor:** Rudolph Libbe

**Accredited Contractor:** Stony Creek Services, Inc.

**Air Barrier Installer:** Mike Caudill

**Building (sq. ft.):** 100,000 **Air Barrier (sq. ft.):** 30,000

**Location:** 1 La-Z-Boy Dr, Monroe, MI 48162

**Type:** Commercial

➤ [See more process photos](#)

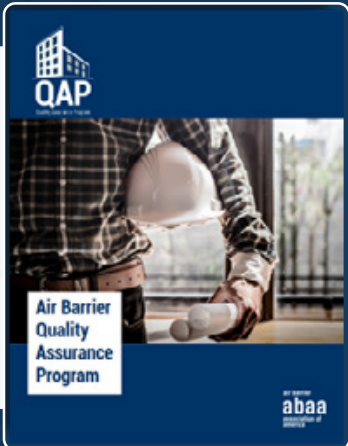


## Quickly Calculate Cost

We have a simple QAP calculator, try it out!  
[airbarrier.org/qap/qap-calculator](http://airbarrier.org/qap/qap-calculator)

## Showcase Your Project

Your QAP project could be featured here!  
Contact Louise at: [Lhardman@airbarrier.org](mailto:Lhardman@airbarrier.org)



## ABAA QAP [ Quality Assurance Program ]

Learn how to make QAP part of your success story in 2024. We have outlined what it takes, the many benefits, and how much it costs to mitigate risk for a variety of building type and sizes.

➤ [Brochure](#)

➤ [Landing Page](#)