

1ST QUARTER NEWSLETTER

2022

air barrier
abaa
association of
america

628
COMPANIES

OUR
LARGEST
MEMBERSHIP
EVER!

10,801

NUMBER OF CONTINUING
EDUCATION UNITS ISSUED

10,390

ATTENDANCE
(INCREASE OF 1,966 OVER 2020)

102

NEW MEMBERS
(MOST IN ONE YEAR)

376

QAP REGISTERED &
AUDITED PROJECTS

2,485

REGISTERED QAP
INSTALLERS

146

COMMITTEE
MEETINGS

350

QAP ACCREDITED
CONTRACTORS



WHOLE BUILDING AIRTIGHTNESS PROGRAM IS HERE!

The purpose of the ABAA Blower Door Technician Training Program is to educate both entry-level and more experienced blower door technicians on the planning, preparation, and execution of airtightness testing for commercial and large buildings in conformance with industry standard test methods. The training aims to equip blower door technicians with the knowledge and skills necessary to appropriately evaluate, prepare, test, analyze, and report on a building's airtightness performance.

The ABAA Blower Door Technician Training Program is a 40-hour training program delivered over 5 days by subject matter experts retained by ABAA who are guided by detailed lesson plans. In addition to receiving instruction from experienced experts, the trainees will also have the opportunity to plan and carry out simulated building airtightness tests on physical mock-ups during the training program.

 **JOIN WAIT-LIST**

GREETINGS FROM THE CHAIR

BRIAN STROIK

Thank you for taking the time to read our ABAA quarterly newsletter, I would like to start with a celebration of ABAA's success through 2021!

The ABAA saw another record year in numerous categories, despite the ongoing worldwide pandemic. In 2021, we had our most ABAA Quality Assurance Projects awarded, had our largest membership year with 628 Companies (over 400 of those being installing contractors), along with training a record number of Installers (2,485). Finally, our incredible education efforts again topped itself by providing the most Continuing Education Unit's (CEUs) in our history with 10,081 educational units provided to architects, engineers, code officials, installers, consultants, and construction managers.

In 2021, the ABAA was also very busy developing the Nation's first ISO 17024 Whole Building Testing Certification along with a Training Program (first training to be held March 28 – April 1, 2022, in Seattle, WA). Work continued on the Certified Air Barrier Specialist (CABS) Study Guide, and it is exciting to have seen more individuals pass the ISO 17024 CABS Certification. We continued training installers using virtual training courses, and I am encouraged and amazed by so many new companies who sent their installers for ABAA training and certification during these uncertain times.

Our various committees continued to meet and produce white papers, review and update our quality assurance program, work on codes, educational programs, training of air barrier auditors, and research. The number of hours ABAA's industry-leading volunteers provided continues to astound me and the results are far and away the best seen in our industry. Thank you, especially to our co-chairs who go the extra mile to ensure their committees are run efficiently and professionally – your work here is what makes the difference!

This May, the ABAA will be transitioning to a new executive committee. With that, I would like to say it has been a privilege and honor to have been elected to lead this organization each of the last three years. I look forward to the continued success and growth of the Air Barrier Association of America along with the new opportunities it provides to the building industry.

Stay safe, thank you, and I wish you all a fantastic 2022,

Brian Stroik

Chair: Air Barrier Association of America
American Contractors Insurance Group
Performance Excellence & Quality Consultant

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BUILDING ENCLOSURE CONFERENCE

BE BUILDING
ENCLOSURE

 **Telligent**
Masonry Construction

 **PROSOCO**

 **TMI**
AIR BARRIER TESTING

 **DÖRKEN**

 **DELTA**
HIGH PERFORMANCE AIR & MOISTURE BARRIERS

 **Henry**
A CARLISLE COMPANY

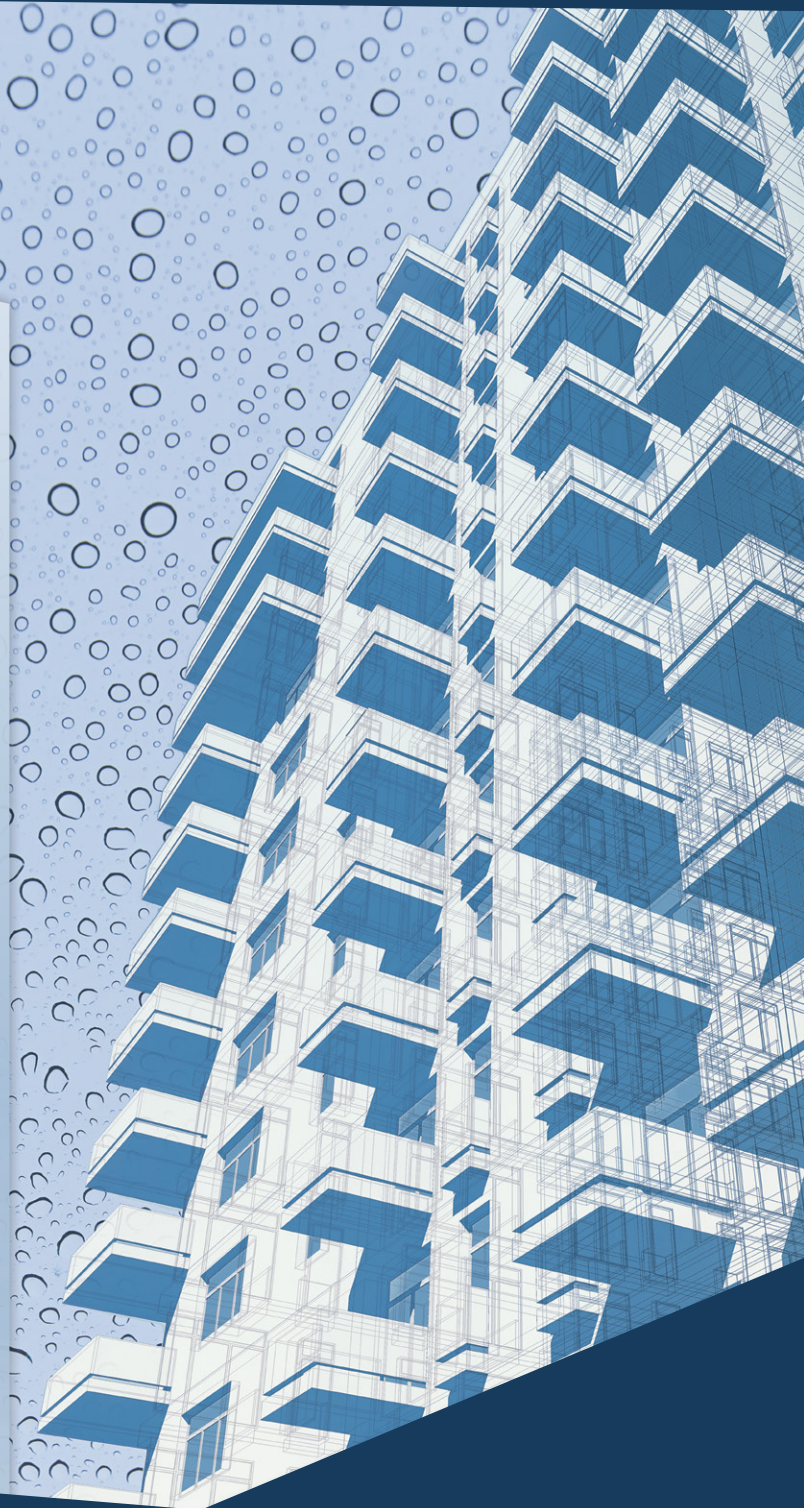
**Architect's
Newspaper**

 **Master Wall Inc.**
We finish strong.
Building a Culture of Excellence

 **XCELUS**

 **NCFI**
NATIONAL CONCRETE FINISHING INSTITUTE

 **CARLISLE**
COATINGS & WATERPROOFING



**EARLY BIRD PRICING
TILL APRIL 8TH, 2022**

REGISTER NOW!

**RESTON
VIRGINIA**

**MAY 10-11
2022**

**AIA
Continuing
Education
Provider**

LOCATION: THE HYATT REGENCY RESTON
TEL: 703-709-1234
MORE INFO: ABAACONFERENCE.COM

BOOK HOTEL ONLINE

Book hotel by April 15, 2022
Event rate code: G-AB22

Standard for Air Barriers: Low-Density Open-Cell Semi-Rigid Spray-Applied Polyurethane Foam - Material Specification

Published

STANDARD FOR AIR BARRIERS: LOW-DENSITY OPEN-CELL SEMI-RIGID SPRAY-APPLIED POLYURETHANE FOAM - MATERIAL SPECIFICATION

An ABAA Published Materials Specification

This material specification provides a standardized approach for the evaluation of air barrier low-density open-cell semi-rigid materials. The ABAA Technical Committee has approved the criteria included in this document through the ABAA document approval process.

➤ **FULL STANDARDS:** <https://bit.ly/3sQz76s>

CONTROLLING MOISTURE BALANCE WITH WATERTIGHT VAPOR-OPEN ASSEMBLIES

by Peter Barrett and Todd Kimmel

Ever more stringent energy code requirements have necessitated increased insulation levels; in many cases, this includes adding exterior insulation. Additional insulation thickness and changes to the insulation location require reconsideration with regards to vapor diffusion and condensation control.



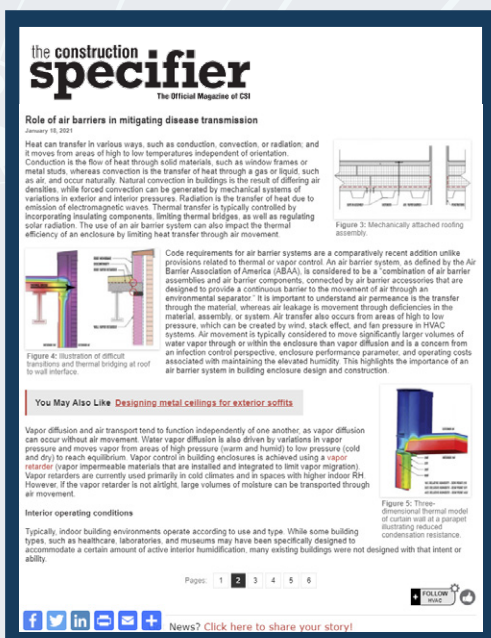
➤ **FULL MEMBER ARTICLE:** <https://bit.ly/3Ko4lrj>

ROLE OF AIR BARRIERS IN MITIGATING DISEASE TRANSMISSION

by Sarah K. Flock, CDT, AIA, and Andrew Dunlap, AIA, CDT, LEED AP, NCARB

The COVID-19 pandemic has reintroduced the importance of infection control in the built environment. COVID-19 is a novel infectious disease and is understood to be caused by severe acute respiratory syndrome corona virus 2 (SARS-CoV-2), which ongoing research suggests is transmitted primarily through aerosols. While past pandemics led to design advancements in city planning and urban improvements, infectious diseases transmitted through aerosols can also be impacted by appropriately designed and installed mechanical and enclosure systems. Therefore...

➤ **FULL MEMBER ARTICLE:** <https://bit.ly/3sJRxpj>

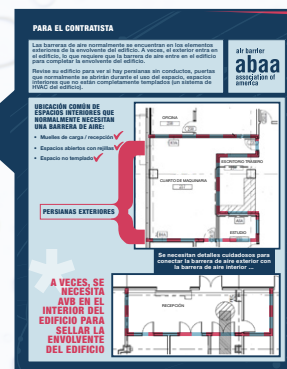


¡Sí! SPANISH TRANSLATIONS OF ABAA ARTICLES AND CONTRACTOR TIPS

We are continuously translating recent Technical Articles and Contractor Tips into Spanish. See our latest articles in both English and Spanish.

Make training a part of your job-site team meetings. Print and share this free air barrier knowledge with your team, link below.

➔ **ARTICLES:** www.airbarrier.org/technical-information/abaa-articles/



UPCOMING SYMPOSIUMS AND PRESENTATIONS

DATE	ORGANIZATIONS	LOCATION
March 20	IIBEC Annual Conference	Orlando, FL
April 12	BEC Minnesota	Minneapolis, MN
April 19	CSI New Orleans	New Orleans, LA
April 21	BEC Houston Full Day Symposium	Houston, TX
April 21	CSI Great Lakes Regional Conference	Cincinnati, OH
May 10	ABAA BEC *Registration Open!	Reston, VA

New event dates posted monthly. [See our website for the most up-to-date list.](#)

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ON-DEMAND WEBINARS AVAILABLE NOW

Recurring Field Installation Issues with Air Barriers - <https://bit.ly/3HNY0E5>
 What Did I Miss? How to Properly Specify an Air Barrier System - <https://bit.ly/3MY5jNe>
 Trust, But Verify – Quality Control For Your Air Barrier - <https://bit.ly/3GLDdka>
 The Importance Of Wall To Roof Connections For The Air Barrier - <https://bit.ly/3GEMzOA>
 Game Plan To Getting Air Barriers Right - <https://bit.ly/3E2NuHe>
 The Elusive Sub-Contractor Responsible For Transitions - <https://bit.ly/33x3lf5>
 New Tools, Research & Site Quality In The Air Barrier Industry - <https://bit.ly/3EWuew1>
 Navigating The Real, Imperfect Air Barrier Details - <https://bit.ly/3dTIRoc>
 Air Barrier Continuity Strategies for Storefront & Curtain Wall Systems - <https://bit.ly/3ytbodF>

INSTALLER TRAINING

SELF-ADHERED AND FLUID APPLIED TRAINING

- March 29-31 - Online Training
- April 19-21 - Online Training
- May 10-12 - Reston, VA
- June 14-16 - Online Training
- August 23-25 - Online Training
- September 13-15 - Online Training
- December 13-15 - Online Training

SPRAYED POLYURETHANE FOAM INSTALLER TRAINING

- May 10-12 - Reston, VA
- July 19-21 - Online Training
- November 15-17 - Online Training

FIELD AUDITOR TRAINING

- May 10-12 - Reston, VA
- October 18-20 - Online Training

CERTIFY YOURSELF OR YOUR TEAM!

REGISTER: <https://bit.ly/34Pu258>

WHAT HAS ABAA BEEN DOING FOR MEMBERS IN 2022?



**AIR BARRIER
EDUCATION
FOR THE
CONSTRUCTION
INDUSTRY**

JANUARY THRU
FEBRUARY

ATTENDEES

2238

CONTINUING EDUCATION UNITS

2479

EVENTS

17

RECENT & UPCOMING EDUCATION

- 06-Jan – Webinar: Design Pitfalls of Storefronts & Curtain Walls
- 13-Jan – Webinar: Why of Commissioning? A Look at the Process
- 20-Jan – BEC/CSI Indiana: Game Plan to Getting Air Barriers Right
- 20-Jan – Webinar: Air Barrier Quality Assurance Audits & Field Quality Control
- 27-Jan – CSI Charlotte: Building Science, Throughwall Flashings, How to Properly Specify an AB
- 27-Jan – Webinar: Achieving Airtightness: Materials, Measurement, & What Really Matters
- 28-Jan – Contractor Webinar: The Air Barrier Pre-Installation Meeting
- 03-Feb – Webinar: Ventilated Rainscreens for Improved Moisture Management
- 09-Feb – BNP Media Webinar: Recurring Field Installation Issues with Air Barriers
- 10-Feb – Webinar: Setting the Standards for Whole Building Testing
- 11-Feb – IIBEC: Ground Hog Day - Site Audits and Quality Control of Air Barriers
- 17-Feb – AVB Considerations with Prefab Construction
- 17-Feb – CSI Chattanooga: Roof to Wall Connections\Throughwall Flashings\How to Specify an AB
- 17-Feb – Northern IL CSI: Achieving a High Performance Air Barrier System
- 24-Feb – Webinar: The Unrecognized Benefits of Air Barriers & Vapor Retarders in Low Slope Roofing
- 24-Feb – BEC St. Louis: Air Barrier Material Evaluations & Testing, Construction Cautions
- 25-Feb – Contractor's Webinar: Mission Impossible: Air Barrier Connections
- 24-Mar – Webinar: Big Air - Building Air Barrier Testing
- 31-Mar – Webinar: Conveying Construction Drawing Clarity
- 07-Apr – Webinar: Four Barriers for Four Wetting Potentials
- 14-Apr – Webinar: Building Science
- 21-Apr – Webinar: Assessing the Performance, Application, and Cost of Retrofit Wall Systems for Residential Buildings
- 22-Apr – CSI Great Lakes Region Conference: By Others; The Elusive Subcontractor
- 28-Apr – Webinar: Stuff it or Wrap it - Understanding Advanced Wall Systems Design & Continuous Insulation

**AIA
Continuing
Education
Provider**

REGISTER & LEARN

www.airbarrier.org/events/category/webinars

HUNGRY FOR MORE EDUCATION?

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 FROM THE MENU

www.airbarrier.org/abaa-learning-unit-cafe/



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MENU

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DESSERT

*On-Demand
Presentations
24/7*

*Certified Air Barrier
Specialist (CABS)
LAUNCH WEBINAR
by Roy Schaufele, FCSI,
CCPR, FABAA, CABS
(no learning units)*

MAIN COURSE

1.0 LU/HSW/GBCI

Oh No! What Did I Miss? How to Properly Specify an Air Barrier
by: Roy Schaufele, FCSI, CCPR, FABAA, CABS

The Big Disconnect: The Importance of Wall to Roof Connections for Your Air Barrier
by: Roy Schaufele, FCSI, CCPR, FABAA, CABS

Please Proceed with Caution: Ensure Your Building Enclosure is Sustainable and Performs
by: Brian Strick, American Contractors Insurance Group, Performance Excellence & Quality Consultant, Chair of the ABAA, Past Chair - BEC National

Trust, but Verify - Quality Control for your Air Barriers
by: Ryan Dalglish, CSI, CAE

New Tools to Help Drive Decisions in your Air Barrier Specifications
by: Laverne Dalglish, ABAA Executive Director

Air Barrier Material Testing - Why Peanut Butter is Good for a Sandwich, but NOT for your Air Barrier
by: Laverne Dalglish, ABAA Executive Director

Live Presentations can be scheduled 8am-8pm EST

TAKE-OUT

1.0 LU/HSW/IIBEC

On-demand presentations available to stream 24/7

Specifying Air Barriers to Achieve Airtightness

by: Laverne Dalglish, ABAA Executive Director

Game Plan to Getting Air Barriers Right

by: Brian Strick, American Contractors Insurance Group, Performance Excellence & Quality Consultant, Chair of the ABAA, Past Chair - BEC National

"By Others" - The Elusive Subcontractor Responsible for Transitions + GBCI

by: Andrew Dunlop, AIA, CDT, LEED AP, NCARB, Principal, SmithGroup, Inc.

WWW.AIRBARRIER.ORG

YOUR IDEAS COULD BE PUBLISHED



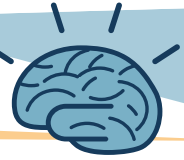
MENTORING



GUIDANCE



SUPPORT



EXPERTISE

WHEN YOU SHARE YOUR KNOWLEDGE, YOU WIN!

Publishing an article can be a great way to advance your career and create new opportunities. Do you have an article or idea in mind? We can 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. Maybe we will all be reading it right here in this very newsletter!

EMAIL IDEAS AND QUESTIONS TO LOUISE AT: LHARDMAN@AIRBARRIER.ORG



IIBEC
International Institute of
Building Enclosure Consultants

IIBEC recognizes the **CABS** (Certified Air Barrier Specialist) certification as one of the options for their points-based application requirements for the IIBEC Certified Building Enclosure Commissioning Provider (CBECxP®) program.

**BECOME A CERTIFIED
AIR BARRIER SPECIALIST
WITH OUR KNOWLEDGE-BASED
CERTIFICATION PROGRAM**



CABS

Certified Air
Barrier Specialist

AIRBARRIER.ORG/CABS/

FEATURE QAP PROJECT:

UNIVERSITY OF KENTUCKY DINING COMMONS



The Dining Commons Project is mostly curtain walls and windows. As a result, the architect chose a 2" continuous insulation system design that would limit energy loss. An ABAA Contractor was critical to ensuring the building's ABS was installed properly on a very tight schedule.

ARCHITECT: RossTarrant Architects

GENERAL CONTRACTOR: Rycon Construction, Inc.

LOCATION: 631 South Limestone, Lexington, Kentucky 40508

TYPE: University Dining

VALUE: \$32,000,000

BUILDING AREA (sq. ft.): 80,000

TOTAL AIR BARRIER AREA (sq. ft.): 27,000

ACCREDITED CONTRACTOR: Superior Insulation Co. LLC

AIR BARRIER INSTALLERS: Matt Layou, Chuck Kratzer

➤ **MORE INFO:** <https://bit.ly/3pPbXvg>

WE WANT TO SHOWCASE YOUR QAP PROJECT!

EMAIL LOUISE AT: LHARDMAN@AIRBARRIER.ORG

Projects will be reviewed and upon acceptance, will be showcased on our website, weekly email, and social media outlets.



**BUILDING
ENCLOSURE
CONFERENCE**



ANNUAL GENERAL MEETING

tuesday

May 24, 2022 @ 11am EST

virtual meeting



**SAVE THE DATE,
INVITATIONS WILL BE
EMAILED TO MEMBERSHIP**