

RAiNA
COMMITTEE
UPDATES

Codes Committee

Serves as the leaders and influencers of codes as related to rainscreen wall assemblies. They maintain a list of pertinent national and local codes, and work to identify changes and additions within the codes that influence rainscreen assemblies.



Brian Nelson
Knight Wall Systems



Jodi Thomas
Henry® A Carlisle Company

2023 Workplan

1. Retain services of Theresa Weston as RAiNA code advocate consultant
2. Summary of 2024 I-Code Updates relevant to Rainscreens
3. IECC 2024 monitor and respond to Thermal Bridging requirements
4. IBC Code Proposals Group A
 - a) Develop proposals on identified gaps
 - b) Review Exterior Wall Covering requirements
5. Develop ASTM Standard Guide for Rainscreen Assemblies

2023 Accomplishments

1. Work has begun on the ASTM Rainscreen Guidance Document
 - Outline and scope created
 - Information gathering
2. IBC 2024 summary document
 - A new definition for *rainscreen systems*.
 - Inclusion of “rainscreen systems” in the *exterior wall covering* definition.*
 - Changes to the fire testing requirements for exterior wall assemblies.
 - Incorporation of rainscreen systems either directly or through a definition into the structural and water management code requirements.

2024 Goals

1. Garner support from other industry associations for our code proposals
2. Review other code proposals; decide to support or oppose
3. First ballot for ASTM Rainscreen Guidance document
4. Continue to monitor NYCBC and other municipalities codes

Definitions Committee

This committee's primary focus is to identify a baseline of understanding of rainscreen terminology in order to provide guidance to the A/E/C/ community for promotion, code development, design, and construction.



Jeremy Douglas
Hohmann & Barnard



Cortney Fried
Brick Industry Association

Terms Defined

Terms approved by the RAINA Board of Directors in Q4 2022:

Vented

Ventilated

Drainage

**Drained & Ventilated
Rainscreen**

**Drained & Vented
Rainscreen**

**Pressure Moderated
Rainscreen**

**Pressure Equalized
Rainscreen**

2023 Workplan

- Continued creation of definitions based on original list of terms
- Formation of Peer Review Task Group to provide feedback on accuracy and continuity for all RAiNA terms defined to date
- Joint ad-hoc meetings with Performance Committee regarding needs related to documents under development

2023 Accomplishments

- Re-assessed the priority ranking of term list
- Coordinated with ABAA regarding shared defined terms
- Coordinated with Rainscreen Performance co-chairs regarding in-progress terms
- Peer Review Task Group established and began meetings to review approved terms
- 5 terms in-progress

View Glossary Online



IN-PROGRESS TERMS

Drainage Plane

Flashing

Subframe/Subframing

Cavity Depth

Fasteners

2024 Goals

- Continued work to define terms on original list
- Develop definitions for terms suggested by other RAiNA Committees:
 - Codes Committee - IBC Chapter 14 – starting Late 2023
 - Retrofit Committee
- Continued work by the Peer Review Task Group

Diversity, Equity & Inclusion

Tasked with developing and supporting the implementation of policies and strategies to ensure the association fosters a diverse, equitable and inclusive culture, both within the organization and across the larger Architecture, Engineering & Construction (AEC) space.



Theresa Weston
The Holt Weston Consultancy, LLC



Linda Potter
Hohmann & Barnard

2023 Workplan

1. Define the terms, Diversity, Equity, Inclusion, and Belonging
2. Develop a Respect and Inclusivity policy for RAINA
3. Draft a letter informing membership with an updated mission statement/Respect and Inclusivity Policy
4. Consider training opportunities for RAINA Members, and preparing an online workshop

2023 Accomplishments

1. Resolved that RAINA's by-laws be updated to non-binary, all-inclusive language
2. Developed a Respect and Inclusivity policy draft for RAINA

2024 Goals

1. Develop a RAiNA presentation on DE&I to educate our members on what Diversity, Equity and Inclusion is and what it isn't.
2. Spotlight current members who have DE&I policies in place and how it has changed their company culture.
3. Increase member participation in our committee

Education & Training

To identify and determine the best delivery methods for educating the design and construction industry. This committee is tasked with the design and development of education and training materials on rainscreen assemblies and best practices for their construction.

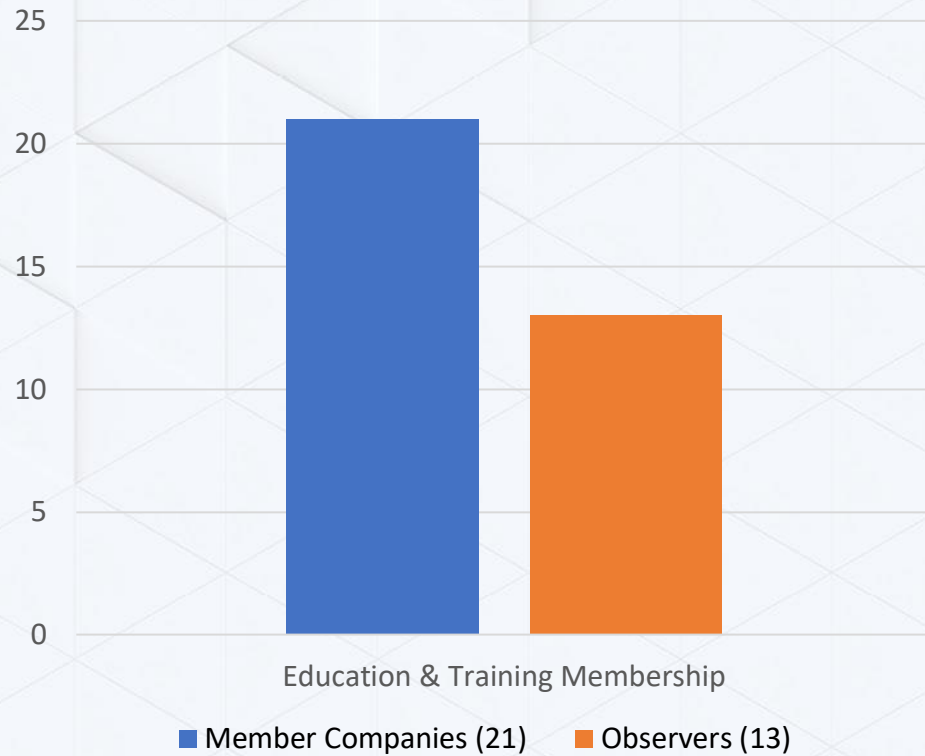


Chris Caricato
International Training Institute

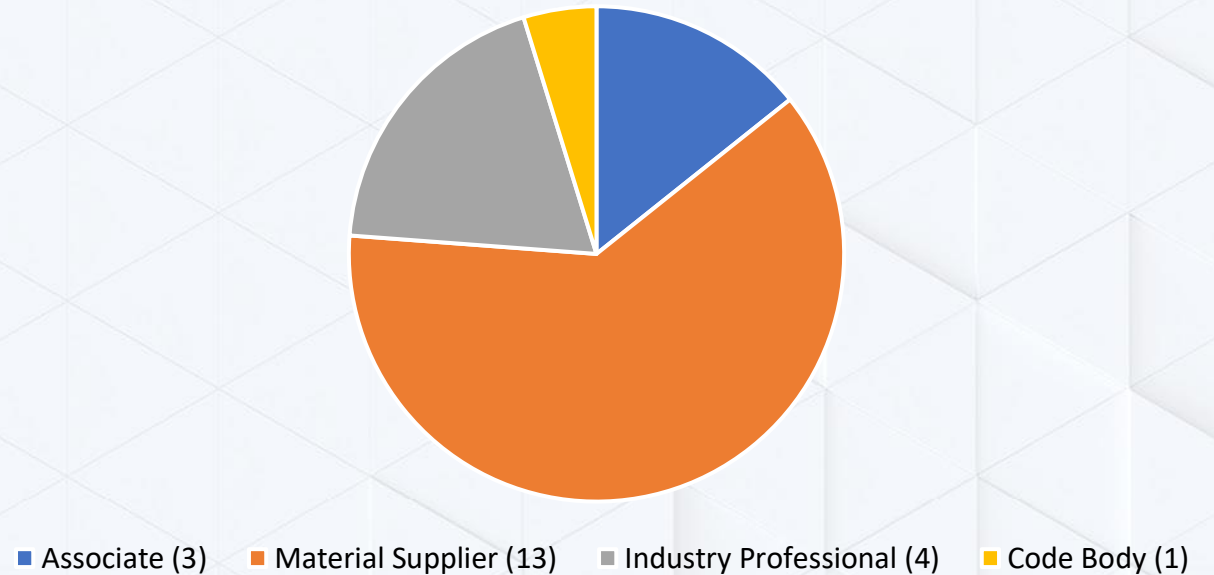


Collette Hart
UnitiWall Corporation

Committee Demographics



Demographics of Active Voting Members



2023 Accomplishments

AIA Accredited Rainscreen Awareness Presentation

(1.01 Educational level) Drafted by entire committee, executed by 3rd party, finalized by committee approval and launched here TODAY

Draft presentations in working format (1.01 – 3.01 level)

Drafted by entire committee, worked by smaller sub-committee

- *Exterior Insulation, materials, Technical considerations, and regional differences*
- *Water management in Rainscreens*

AIA Presenter Application form

Installer Training Momentum

3 LIVE sessions done!

Task group created to establish a curriculum “what does an installer need; start to finish”

2023 Accomplishments

Hosted 3 Hands-on Installer training courses!

Gold Star Award
Steve Gaynor &
Chris Caricato



2023 Accomplishments



2024 Goals

Creating a series of presentations

Future Topics:

Rainscreen for a Sustainable Future

Retrofit space

Embodied Carbon materials

tax incentives

At either a 2.01 or 3.01 knowledge level

- Specifications, Building Codes, Climate Zones, Testing
- Common oversights, mistakes & misconceptions
 - How to review shop drawings
 - Details to minimize thermal bridging

2 more LIVE Installer training sessions

Virtual Content “What does an Installer Need”

Installer Certification

Industry Outreach & Marketing

Tasked with identifying and coordinating initiatives to grow RAINA's presence, partnerships, and influence throughout the industry. The committee oversees trades shows, social media, press, website, and advertising.



Kellie Knuff Perkins
EQUITONE

2023 Workplan

Events Promotion/Membership:

- RAINA's Webinars - AIA educational webinars to demonstrate thought leadership in the AEC space.
- Member Webinars listings – promote educational courses offered by our membership
- RAINA Installer Training – collaborate with members to promote educational partnerships with subtrades

Partner with Other Organizations and Conference Organizers:

- Participate in events and secure speaking engagements like minded organization

Social Media:

- Consistently post content to RAINA social media channels, aimed at promoting current members, demonstrating RAINA's thought-leadership in the AEC space

Marketing Collateral:

- Create tool and messaging that can be used by membership

Tradeshows

- Yearly calendar of tradeshows

2023 Accomplishments



Events Promotion/Membership:

- 5 webinars executed reaching an audience of over 500 individuals - more coming
- RDH x RAINA Deep Dive into Rainscreen 8-part series
- Member AIA Educational sessions Promotions



Promotion of Installer Training:

- 2 sessions with ITI in May and July. There are 2 more planned for fall with IMI.



Partner with Other Organizations & Conference Organizers:

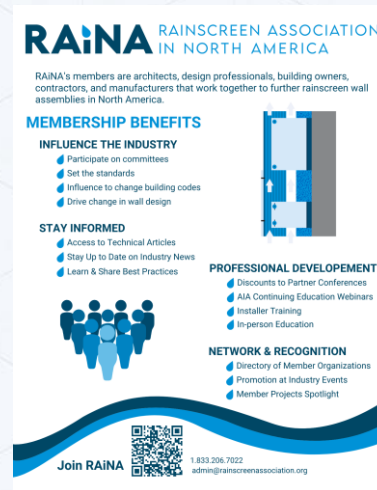
- RAINA speaking at METALCON in Vegas.
- RAINA presenting at SMACNA in Arizona.
- Partnership with Facades+

2023 Accomplishments



Social Media:

- LinkedIn Followers: Increase to 1137 from 619
- Instagram Followers: Increase to 191 from 86
- Overall Audience Reach: 39k users



Marketing Collateral:

- Membership Benefits Flyer for Tradeshows



Tradeshows

- ABAA Building Enclosure Conference
- METALCON

2024 Goals

MORE

- RAINA Hosted Member Webinars
- Partnering with other Organizations & Conference Organizers
- Social Media Followers, Engagement and Reach
- Exhibiting at Tradeshows
- Advertising/Publicity
- Increasing Membership/Retention

Performance Committee

Works on all rainscreen technical aspects including performance requirements, project specification, details, installation practices, rainscreen test methods, and material specifications. The committee works hand-in-hand with many other committees (such as the Building Codes Committee) to ensure an objective and science-based approach supports all aspects of the organization.



Graham Finch

Dip.T, M.A.Sc, P.Eng
RDH Building Science Inc.



Corey C. Wowk

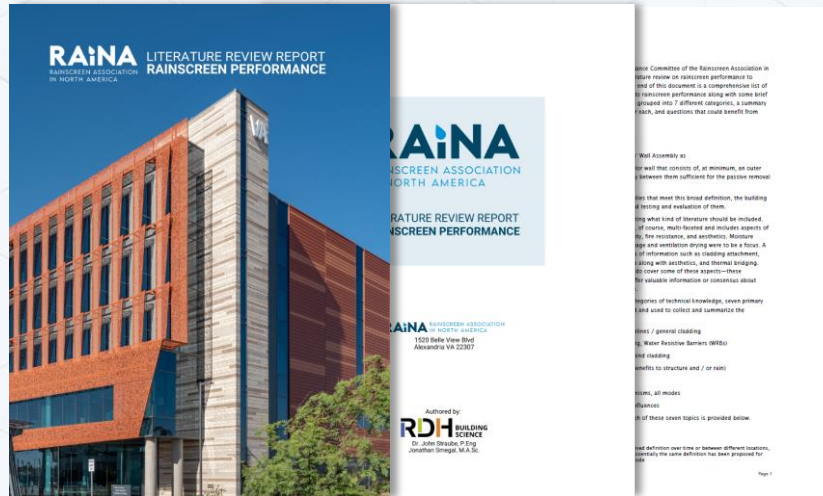
AIA, LEED AP
SGH

2023 Workplan

- Complete 3rd party literature review search on rainscreen performance.
- Develop a Second Technical Bulletin (Building off of Technical Bulletin #1 issued in 2021).
- Develop a Rainscreen Performance specification
- Develop task groups focused on a variety of rainscreen performance items (i.e. rainscreens for curtainwall systems, fire blocking within rainscreens, etc.)

2023 Accomplishments

- Completed 3rd party literature review search now available at rainscreenassociation.org



Scan to View Report



- Working through the development of a Rainscreen Performance specification.

2024 Goals

- Complete Rainscreen Performance specification and make available to design and construction community.
- Complete the development of a Second Technical Bulletin.
- Continue to engage committee members within task groups to develop performance focused bulletins.

Residential Committee

Working with stakeholders from across residential construction, the Residential Committee works to increase the knowledge and awareness of rainscreen principles – through education and the development of industry standards – to improve resilience and durability of single and multi-family homes.



Peter Barrett

B.A. (Hons), M.B.A
Dörken Systems Inc.



Danko Davidovic

PhD., P.E.
Huber Engineered Woods, LLC

2023 Workplan

- **Task #1:** Develop typical installation details for rainscreens in residential applications focusing on maximizing performance aspects of rainscreens
- **Task #2:** Publish technical document: “Is A Drainable House Wrap Enough?”
- **Task #3:** Review and publish: “Technical Memorandum – NFPA 285 and Type V Construction”, from Priest & Associates
- **Task #4:** Participate with Code Committee and provide expertise to drafting document: “The Standard Guide for the Design and Construction of Rainscreen Systems”
- **Task #5:** Collaborate with relevant industry partners and associations and engage them in Residential Committee activities

2023 Accomplishments

- **Task #1:** Task group affirmed the scope of work and software for creation of standard details. Generated first set of details for bottom of the wall detailing in various scenarios. Group reviewed the details and will meet again after all comments and feedback are addressed in the drawings for final review.
- **Task #2:** Initial draft of “Is A Drainable House Wrap Enough?” was thoroughly reviewed and revised by task group members. Final version of the document will be posted online for public review by mid August.
- **Task #3:** Initial report provided by Priest & Associates better clarification and organization for better reader comprehension. Danko undertaking thorough effort in reviewing and reformatting to update information on most current code and industry requirements. Final draft document for internal review available not later than mid September.

2023 Accomplishments

- **Task #4:** Danko Davidovic is leading this role on behalf of the Residential Committee and is actively participating in task group meetings. The group reviewed the Definitions section of the document, and several modifications and changes have been proposed.
- **Task #5:** Target organizations of value to the Residential Committee (SMA-Stucco Manufacturers Association, NWCB-Northwest Wall & Ceiling Bureau, NCMA-National Concrete Masonry Association).

2024 Goals

- **Goal #1:** Finalize the set of installation details to have complete set of drawings posted and available online for the industry.
- **Goal #2:** Complete “The Residential Rainscreen Systems Guide/Handbook”
- **Goal #3:** Finalize the two technical documents to be included as chapters in “The Residential Rainscreen Systems Guide/Handbook”
- **Goal #4:** Plan and coordinate activities to have RAiNA presence in IBS Show in Las Vegas 2024.
- **Goal #5:** Continue work on the development of ASTM draft document.
- **Goal #6:** Have representatives from targeted industry associations actively participating in Residential Committee meetings and activities.
- **Goal #7:** Increase the number of members in the Committee.

Retrofit Committee

Based on the increased demand for rainscreen retrofit applications, the Retrofit Committee aims to enhance building performance, awareness and best practices for re-skins, re-clad, and over-clads. The Committee is creating a guideline, case studies and other educational resources with the ultimate goal to develop standards related to rainscreen retrofit implementation.



Alex Moshenberg
Metro Building Solutions, Inc.



Annie Lo
Walter P. Moore

2023 Workplan

Short Term 2023 Goals: Create an informational guideline/checklist which includes best practices and wholistic strategies for rainscreen retrofits. Develop case studies.

2023 Focus:

- Create an informational guideline/checklist which includes best practices and wholistic strategies for rainscreen retrofits. – Complete solid draft by end of 2023
- Case Studies
 - Develop case study outline/format by end of 2023. One idea; include 3-5 project-specific challenges/solutions from the guideline/checklist categories.
 - Create list of potential Case Studies w/committee by end of 2023
 - Case studies can be included in an appendix for the guideline/checklist.
 - The creator of each case study to be credited
 - Before/after photos and possibly illustrative renderings

2023 Accomplishments

- Establishment of Retrofit Committee
- First 2 committee meetings held in June and August 2023
- Draft work plan established
- Draft Retrofit guideline in progress
- Creating definitions related to Retrofit Committee
- Retrofit case studies in progress

2024 Goals

- **Mid-Term Goals (1-5 yrs):** Expand on the respective topics within the checklist/guideline with more detailed guidance. Continual development of case studies.
- **Long-Term Goals (5+ yrs):** Create a standard based on said informational document/specification.

2024 Focus:

- Establish committee budget
- Finalize guideline by end of Q2
 - 4x Case Studies end of Q4
 - Incorporate sustainability guidelines and resources as they relate to rainscreen retrofits. We would like to hire a sustainability expert to analyze the space and identify the relevant codes, standards, initiatives and opportunities. We should start this process Q1 and have it wrapped up by Q2 so it can be incorporated into the finalized guideline.