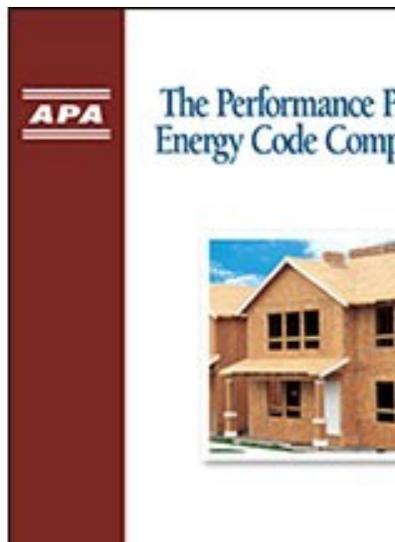


## **March 2018 ABCC Update**

RIMA-I is a non-profit industry trade association that exists to propagate the knowledge, use and benefits of reflective insulation, radiant barrier and interior radiation control coating (IRCC). RIMA-I works with the [Advanced Building Code Coalition \(ABCC\)](#) to build support and to work together within the codes. A 2017 success is the recognition of Radiant Barrier Panels by APA-The Engineered Wood Association. The ABCC appreciates the resource commitments of current members and welcomes additional industry assistance for future proactive campaigns.

### **2017 Successes**

The APA-The Engineered Wood Association has included Radiant Barrier in climate zones 2-4 as [Potential Simulated Performance Path Options for Wood-Sheathed Walls](#)  
<https://www.apawood.org/energy-efficiency> , page 8.



Following the link <https://www.apawood.org/radiant-barrier-panels> Radiant Barrier Panel benefits are described as well as links to industry leaders and <http://www.rimainternational.org/> . Significant ABCC efforts have been rewarded with APA recognition of radiant barrier as a performance path option.

### **Lightning White Paper**

A question that arises from the use of radiant barrier systems (RBS) is whether there are increased risks associated with the use of such systems during lightning activity, such as during thunderstorms. It has specifically been suggested that the use of radiant barriers in roof structures can 'attract lightning' and that a structure with a RBS installed will be more likely to be struck by lightning than an identical structure without it.

In a recently completed white paper, an argument is developed to test this theory. A one-page summary of this study is available at <https://www.rimainternational.org/wp-content/uploads/2017/06/Engenamic-In-Conclusion.pdf> .

## Code and ASTM Actions

### ICC

The ABCC has generated and submitted two proposals to the ICC for the 2018 Group A Code Development Cycle. The goal of the proposals is to improve the existing language by creating a new section – Section 1509 Radiant Barriers Installed Above Deck

- IBC Proposal 1090 – Feb2018 and IBC Proposal 1110 – Feb2018 – are both posted to the ABCC member access website.
- Two typical roofing assemblies recently passed **UL 790** Standard Test Methods for Fire Tests of Roof Coverings, with a Class A results. A summary of the test results is posted to the ABCC member access website.
- The National Roofing Contractors Association participated with ABCC in the development of the new language.

ABCC will be participating at the next ICC Committee Action Hearings scheduled for April 15 - 25, 2018 in Columbus Ohio.

- ICC Code Action Hearing event information: [http://media.iccsafe.org/2018\\_CAH/index.html](http://media.iccsafe.org/2018_CAH/index.html)
- 2018/2019 ICC Code Development Cycle: <https://cdn-web.iccsafe.org/wp-content/uploads/2018-Group-A-CAH-hearing-schedule.pdf>

**Please Note: All documents referenced in this section are available at the ABCC website, located in the password protected webpage.**

### ASHRAE

ABCC was represented by; Amanda Hickman, Dr. David Yarbrough, Doug Kinninger and Matt Miles at the 2018 ASHRAE Winter Conference in Chicago this past January. There are no contentious issues currently in debate at ASHRAE regarding ABCC.

Amanda Hickman, The Hickman Group in association with Koffel Associates, provided a report ASHRAE 90.1 Winter Conference Report 2018 posted on the ABCC website.

**ASHRAE operates on a “Continuous Maintenance Process”, meaning that proposed language modifications or Certified Maintenance Proposals (CMP) can be submitted at any time. Unlike the ICC process where the outcome of a particular proposal will be known at the ICC final action hearing, there is no specific end date in the ASHRAE process for a final resolution of a proposal. Moreover, the committee can develop language internally without a formal CMP at any time. This means that there is nothing in the ASHRAE process that would prevent the Committees from developing their own language without a proposal being submitted.**

Dr. David Yarbrough, R&D Services, provided a report ASHRAE TC 4.4 Winter Conference Report 2018 posted on the ABCC website. Dr. Yarbrough is an ASHRAE 90.1 TC 4.4 subcommittee voting member.

## **ASTM**

ASTM C1483-17 Exterior Radiation Control Coating on Buildings, ballot passed, document moves forward with a new date.

ABCC/RIMA will be participating in multiple task group, subcommittee and committee meetings at the ASTM April Committee Week, April 8 – 11, 2018 in San Diego California.

Code Committee agenda details and schedules are very detailed and retained by RIMA-I as proprietary. Password protected agendas and schedules are available to participating ABCC members.

### **RIMA-I Code Resources**

RIMA-I Code Committee is comprised of industry leaders that bring technical expertise from their respective organizations. The committee is chaired by Wes Hall, Reflectix.

Bill Koffel, Koffel Associates & Amanda Hickman, The Hickman Group, are building and energy code consultants retained on behalf of RIMA-I. Amanda and Koffel staff represent RIMA-I at IBC hearings and support code efforts through development of proposals and participation in Action Committees. Koffel & Hickman also represent RIMA-I at ASHRAE 90.1.

Dr. Yarbrough, R&D Services, recognized internationally for testing and consulting expertise to the insulation industry represents RIMA-I at ASHRAE TC 4.4 and consults on ASHRAE 90.1 ESC proposed language. Dr. Yarbrough is an ASHRAE 90.1 TC 4.4 voting member.

RIMA-I Code Committee will provide ABCC members a means of participating in the: ICC (IBC, IMC, IECC Comm, IECC Res), ASTM C16, ASHRAE 90.1, ASHRAE 90.1 ESC and ASHRAE TC 4.4 meetings/actions. ABCC members participation will be focused on respective organizational priorities. Discussions have been continuous regarding activity in 2018 for IBC and 2019 for IECC. Koffel Associates and R&D Services expertise and influence within the building code and testing associations have proven essential to the continuous RIMA-I code efforts. These efforts necessitate diligent RIMA-I and ABCC member participation in a wide range of committees and sub-committees to achieve market protection, recognition and growth.