



International Code Council

ICC 1100 COMMITTEE MEETING MINUTES

ICC Foam Plastic Insulation Standard Committee (IS-FPI)

A public meeting of the ICC Foam Plastic Insulation Standard Committee (IS-FPI) was convened virtually via Microsoft Teams on November 7, 2023 to continue the process of revising the ICC 1100 standard.

Committee Chair – John (Paul) Duffy

Committee Vice-Chair – Brian Tollisen

Committee Secretariat – Eric Polzin

1. Meeting Opening

- a. Opening remarks, objective of the meeting, and housekeeping:

The meeting was called to order by Paul Duffy at 2:04 CT.

Director of Standards, Karl Aittaniemi welcomed all committee members and ICC staff. The meeting was open to the public in accordance with ICC policy. All meeting participants were urged to read the ICC Code of Ethics and section 5.1.10 Representation of Interests in Council Policy #7 in the spirit of code of conduct. These documents are on ICC's website under Corporate Governance.

- b. IS-FPI members present:

*Emma Amiralaei [C] (Intertek)
Eric Banks [D] (E.W. Banks Consulting, LLC.)
Aaron Davenport [A] (Holcim)
John (Paul) Duffy [D] (Paul Duffy & Assoc. Inc.)
Monica Enamorado [A] (BASF)
Paul Warren [A] (SWD Urethane)
Brian Tollisen [H] (State of New York)
Will Lorenz [A] General Coatings*

- c. ICC Staff Present:

*Eric Polzin (ICC-ES; Committee Secretariat)
Karl Aittaniemi (ICC Director of Standards Development)*

- d. Interested parties present (public):

None – no requests to attend were received from the public posting.

- e. Review and approval of meeting minutes (#1).

- f. Review and approval of Agenda. Paul Duffy proposed the agenda to be modified to include a topic of “new business” at the conclusion of each meeting. The proposal was approved, and the agenda was approved.

2. Discussion of *requirement of downward opening hatches and or breakaway scuttle hatches for products evaluated for use in unvented attic assemblies based on observations in testing of large scale assemblies during the development of Appendix U of AC377.*
 - a. *Eric Polzin (ICC-ES) provided summary of observations from research testing, and voiced concerns that similar provisions to account for attic pressurization during a fire event be considered for all spray-applied foam plastics used in unvented attics.*
 - b. *Paul Duffy suggested formation of work group to discuss several topics surrounding this issue including the following:*
 - i. *Determination of whether or not “leaky attic floors” can be prescriptively considered as a possible pressure releasing component of a typical attic. “Leaky attic floors” result from the penetration of the attic floor / ceiling from components such as air registers and ductwork.*
 - ii. *Determine whether or not existing fire models can be used in support; suggested inclusion of fire scientists in discussion (such as Priest and Associates).*
 - iii. *Determination of whether or not additional testing is necessary for use of products in unvented attics (such as AC377 Appendix U methodology).*
3. Formation of Work Groups:
 - a. Work Group 1:
 - i. Per Mr. Duffy’s suggestion, a new work group was proposed and approved to cover the following:
 1. *Determination of whether or not “leaky attic floors” can be prescriptively considered as a possible pressure releasing component of a typical attic. “Leaky attic floors” result from the penetration of the attic floor / ceiling from components such as air registers and ductwork.*
 2. *Determine whether or not existing fire models can be used in support; suggested inclusion of fire scientists in discussion (such as Priest and Associates).*
 3. *Determination of whether or not additional testing is necessary for use of products in unvented attics (such as AC377 Appendix U methodology).*
 - ii. *The following committee members are tasked with serving on this committee (additional members not present at this meeting may also be added at a later date):*
 1. *Emma Amiralaei [C] (Intertek)*
 2. *Eric Banks [D] (E.W. Banks Consulting, LLC.)*
 3. *Aaron Davenport [A] (Holcim)*
 4. *John (Paul) Duffy [D] (Paul Duffy & Assoc. Inc.)*
 5. *Monica Enamorado [A] (BASF)*
 6. *Paul Warren [A] (SWD Urethane)*
 7. *Brian Tollisen [H] (State of New York)*
 8. *Will Lorenz [A] General Coatings*
 - iii. *The following non-committee members are tasked with serving on this committee (additional individuals may also be added at a later date):*
 1. *Eric Polzin (ICC-ES)*
 - iv. *A work group chair will be elected at the first work group meeting.*

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b. Work Group 2

- i. A new work group was proposed and approved to explore the inclusion of use of spray-applied foam plastics as a water-resistive barrier and the possible need for code change proposals to chapters 14 and 25 of the IBC and Chapter 7 of the IRC.
- ii. *The following committee members are tasked with serving on this committee (additional members not present at this meeting may also be added at a later date):*
 1. Emma Amiralaei [C] (Intertek)
 2. Eric Banks [D] (E.W. Banks Consulting, LLC.)
 3. Aaron Davenport [A] (Holcim)
 4. John (Paul) Duffy [D] (Paul Duffy & Assoc. Inc.)
 5. Monica Enamorado [A] (BASF)
 6. Paul Warren [A] (SWD Urethane)
- iii. The following non-committee members are tasked with serving on this committee (additional individuals may also be added at a later date):
 1. n/a
- iv. A work group chair will be elected at the first work group meeting.

c. Work Group 3

- i. A new work group was proposed and approved to discuss changes to the 2024 I-Codes regarding special approvals and alternative means and methods of construction to determine possible effects on ICC-1100.
- ii. *The following committee members are tasked with serving on this committee (additional members not present at this meeting may also be added at a later date):*
 1. Eric Banks [D] (E.W. Banks Consulting, LLC.)
 2. John (Paul) Duffy [D] (Paul Duffy & Assoc. Inc.)
- iii. The following non-committee members are tasked with serving on this committee (additional individuals may also be added at a later date):
 1. Eric Polzin (ICC-ES)

4. The committee approved the inclusion of installation certificate requirements in the initial draft as proposed by Eric Polzin (ICC-ES) at the last meeting.
5. The committee tasked Eric Polzin (ICC-ES) with revising the initial draft to include requirements mirroring those in AC308 Appendix Y for an alternate path to evaluate products that don't meet the prescriptive thickness and / or density requirements outlined in the I-Codes.

Committee leadership, Chair & Vice Chair of the committee:

6. Next Meeting:

The next public virtual meeting will be scheduled once the work groups have recommendations to provide to the committee.

7. Other Business:

None

8. Action Items & Adjournment

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The action items from the meeting were summarized as follows:

<i>Work groups will schedule meeting to discuss topics / proposals assigned</i>	<i>Polzin to facilitate</i>
<i>Revise working initial draft to include AC377 Appendix Y requirements for sill plates and headers.</i>	<i>Polzin</i>

With no other questions or comments before the committee Mr. Duffy adjourned the meeting at 3:20 pm CT.