



International Energy Conservation Code Envelope & Embodied Energy Subcommittee

Meeting Notes

January 6, 2022
11:00 AM to 1:00 PM EST (2 hours)

Committee Chair: Tom Culp, Birch Point Consulting

Committee Vice Chair: Emily Lorenz, IIBEC

1. **Call to order.**

2. **Meeting Conduct - Culp**

3. **Roll Call – Lorenz – Quorum established**

Name	Organization		Name	Organization	
*Culp, Tom (chair)	Glazing Industry Code Cmte; Aluminum Extruders Council	X	Humble, Jonathan	Amer Iron & Steel Insitute	X
*Lorenz, Emily (vice chair)	Intl Inst of Building Enclosure Consultants	X	*Johnson, Greg	Natl Multifamily Housing Council	X
Altenhofen, David	RWDI	X	Kochkin, Vladimir	National Association of Homebuilders	X
*Ashley, Danielle	Johns Manville	X	*Ross, Bob	Austin Ind. School District	X
*Belcher, Matt	Enhanced Bldg Systems	X	Ross, Loren	American Wood Council	X
*Brooks, Scott	Disney		Sanders, Helen	Façade Tectonics Inst.	X
*Burton, Richard	City of Lincoln, NE	X	Spiriev, Bistra	GA Finance & Investment	X
Cinnamon, Tony	Wiss, Janney, Elstner	X	Tillou, Mike	PNNL	X
*Churchill Norbert, Zepherinus	CARICOM	X	VanGeem, Martha	Masonry Alliance for Codes and Standards	X
*Clausing, Chris	Clausing Builders	X	Weston, Teri	Air Barrier Assoc of Amer.	X
Crandell, Jay	American Code Council’s Foam Sheathing Coalition	X	Witco, Christin	City of Boulder, CO	X

DeWein, Mike	North Branch Services	X	Zani, Andrea	Permasteelisa	
Guttman, Maureen	Energy Solutions	X			

Absent: Brooks, Zani

4. Approval of Agenda

- a. No objections to agenda.

5. Approval of Minutes—December 16, 2021 meeting

- a. Minutes approved.

6. Administrative issues.

- a. Decision has been made that code change proponents who are subcommittee voting members can vote on their own proponents, as long as they have no undisclosed financial interests.
- b. Subcommittee members will receive links via email to get digital copies of the 2021 IRC and IECC.
- c. The chair and vice chair will impose two-minute time limits per speaker per issue.
- d. When it is clear that an issue should be tabled so that further refinement can occur off-line, we should make sure we allow enough time for all the comments/problems to be identified before making a motion to table.

7. Action Items.

a. Air leakage:

- Code change proposals in 4 groups as shown below.
(See [Code Change Monograph 2nd printing](#) for proposals)
- Plan on votes on proposals in first group: “Standalone” group
- Discussion on the other groups primarily to provide initial feedback, although some straw polls and votes are possible.
- Time limits will be imposed to keep discussion focused.

Standalone – items that can mostly be decided independent of, or overlay, the other proposals:

- CEPI-32-21** air leakage definition, italicized term (but also look at definition in CEPI-57)
- ICC needs to verify with ASHRAE that we can use their definition
 - Modification (VanGeem/Johnson) to remove the air leakage definition. FAILS 4-15
 - Modification (Johnson/Guttman): In definition, delete “due to.....systems”, add “thermal” between “building” and “envelope” at the end, and replace “can move” with “can be” in last sentence. PASSES 18-1-1
 - Motion to Approve As Amended (Humble/Tillou): PASSES 18-0-1

- CEPI-59-21** sealing between roof deck and roof membrane
- Agreement that wording still needs work
 - Motion to Table to next meeting (Guttman/Kochkin) PASSES 17-3

- CEPI-60-21** air sealing of electrical boxes
- Agreement that wording still needs work
 - Motion to Table to next meeting (Johnson/Belcher) PASSES 21-1

CEPI-68-21 dwelling unit sampling

- Motion to Approve as Submitted (Weston/DeWein) PASSES 19-0-0

CEPI-69-21 approved 3rd party, and adds ASTM E1186

- Not discussed; ASTM standard not yet available for committee to review

Structure – focus on clarity and organization of the section, separate from stringency

- Weston will take the lead on collaborating with proposal sponsors

Testing – how, where, and under what conditions is testing required

- Sanders will take the lead on collaborating with proposal sponsors

Stringency – what amount of air leakage is allowed

- Duterte will take the lead on collaborating with proposal sponsors

8. Other business.

9. Upcoming meetings—first and third Thursdays of every month

a. January 20, 2022, 11:00 AM to 1:00 PM EST

b. February 3, 2022, 11:00 AM to 1:00 PM EST

10. Adjourn.

FOR FURTHER INFORMATION BE SURE TO VISIT THE ICC WEBSITE:

[ICC Energy webpage](#)

[Code Change Monograph 2nd printing](#)

FOR ADDITIONAL INFORMATION, PLEASE CONTACT:

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