



## International Energy Conservation Code Envelope & Embodied Energy Subcommittee

### Meeting Notes

August 10, 2023  
11:00 AM to 12:30 PM EST (1.5 hours)

**Committee Chair:** Tom Culp, Birch Point Consulting

**Committee Vice Chair:** Emily Lorenz, IIBEC

1. **Call to order.** The meeting was called to order by Tom Culp at 11am ET
2. **Meeting Conduct** – Chair Culp reviewed the anti-trust, conflict of interest, representation of interests, and code of ethics policies.
3. **Roll Call/Establish Quorum** – Culp reported establishment of quorum

Name	Organization		Name	Organization	
*Culp, Tom (chair)	Glazing Industry Code Cmte; Aluminum Extruders Council	X	Guttman, Maureen	Energy Solutions	X
*Lorenz, Emily (vice chair)	Intl Inst of Building Enclosure Consultants		Humble, Jonathan	Amer Iron & Steel Institute	X
Altenhofen, David	RWDI	X	*Johnson, Greg	Natl Multifamily Housing Council	X
*Belcher, Matt	Enhanced Bldg Systems	X	*Kochkin, Vladimir	National Association of Homebuilders	X
*Brooks, Scott	Disney		Melley, Michele	State of CT	X
*Burton, Richard	City of Lincoln, NE	X	*Ross, Bob	Austin Ind. School District	
Cinnamon, Tony	Wiss, Janney, Elstner	X	Sanders, Helen	Façade Tectonics Inst.	X
*Churchill Norbert, Zepherinus	CARICOM	X	Spiriev, Bistra	GA Dept of Community Health	
*Clausing, Chris	Clausing Builders	X	*Tillou, Mike	PNNL	
*Crandell, Jay	American Chemistry Council’s Foam Sheathing Coalition	X	VanGeem, Martha	Masonry Alliance for Codes and Standards	X

DeWein, Mike	North Branch Services	X	Weston, Teri	Air Barrier Assoc of Amer.	X
Flores, Francisco	American Wood Council		Zani, Andrea	Permasteelisa	X

\*Member of main IECC Commercial Committee

4. **Assign Note Taker** – Teri Weston
5. **Approval of Agenda** – *Item CE2D-04-23 moved to end of agenda. Approved.*
6. **Approval of Notes** – March 16, 2023 meeting  
*Reviewed – no comments or corrections. Accepted without objection.*
7. **Administrative issues**
8. **Meeting Process**
  - raise hand to be called on to speak, in order of raised hands
  - 2 min per speaker (less if you can!)
  - no me-toos or repeat testimony (but thumbs up emojis are okay)
  - time check at 20 min
9. **New Business**
10. **ACTION items**

#### CE2D-07-23 – Footnote I removed

- **Motion:** Johnson/Crandell to **Approve as Modified**
- **Modification:** Do not remove footnote I. Replace proposal with this modification to footnote I:  
[Where the required R-value in Table C402.1.3 is met by using continuous insulation such that cavity insulation is not required, the wall assembly framing is permitted to be spaced at any spacing the R-value is applicable to any wall framing spacing.](#)
- **Vote:** 14-0-1 chair not voting (CNV) Passes
- **Reason:** Clarifies application of insulation to any wall framing configuration

#### CE2D-08-23 – Tapered roof insulation wording edit

- **Motion:** Humble/Crandel to **Approve as Submitted**
- **Vote:** 15-0-1 (CNV) Passes
- **Reason:** Remove redundancy -- "Minimum" is redundant with "not less than."

#### CE2D-09-23 – Air leakage section numbering

- **Motion:** Weston/ Humble to **Approve as Submitted**
- **Vote:** 13-0-1 (CNV) Passes
- **Reason:** Corrects section numbering

#### CE2D-76-23 – ASTM reference updates

- **Motion:** Weston / Humble to **Approve as Submitted**
- **Vote:** 13-0-2 (CNV) Passes
- **Reason:** Corrects reference-year on standards.

#### CE2D-78-23 Part 1 – Add NEMA OS 4 reference

- **Motion:** VanGeem/Guttma to **Approve as Submitted**
- **Vote:** 13-1-1 (CNV) Passes
- **Reason:** Gives the location of NEMA

#### CE2D-95-23 Part 1 – Building thermal envelope wording correction

- **Motion:** VanGeem/Crandell to **Approve as Submitted**
- **Vote:** 13-0-1 (CNV) Passes
- **Reason:** Changes building envelope to building thermal envelope to be consistent within the document.

#### CE2D-04-23 – Emittance definition

- **Motion:** Johnson/VanGeem to Approve as Modified
- **Modification:** shown below in blue

EMITTANCE. The ratio of the radiant heat flux emitted by a specimen ~~to that emitted by a blackbody at the same temperature and under the same conditions~~ measured on a scale from 0 to 1, where a value of 1 indicates perfect emission- [release of thermal radiation](#)

- **Vote:** 9-0-5 (CNV) Passes
- **Reason:** Clarifies definition and correlates with IECC-R.

Chair asked if any other issues or editorial items in the Public Comment Draft #2 have been identified that subcommittee needs to address. T. Weston has provided minor editorial corrections to staff; staff confirmed they have been received and do not need any subcommittee action.

Subcommittee members and guests were informed that the Admin subcommittee acted on CE2D-03-23 regarding the definition of above-grade wall. If anyone has any concerns, they may be raised when this item comes before the full committee (tentatively on August 23).

11. **Upcoming meetings** — Aug 17, 2023 canceled; Hold Aug 24 & 31 for as needed, in case full committee directs any action items to this subcommittee.

12. **Adjourn**

FOR FURTHER INFORMATION BE SURE TO VISIT THE ICC WEBSITE:

Link to ICC Commercial Consensus Committee and subcommittee page is [here](#).

The monograph of Public Comments to the IECC Public Comment Draft #2 is posted [here](#).

The updated Public Comment Draft #2 in legislative format of the IECC Commercial is now posted [here](#).

FOR ADDITIONAL INFORMATION, PLEASE CONTACT:

**Committee Chair:** Tom Culp, Birch Point Consulting, [culp@birchpointconsulting.com](mailto:culp@birchpointconsulting.com)

**Committee Vice Chair:** Emily Lorenz, IIBEC, [emilyblorenz@gmail.com](mailto:emilyblorenz@gmail.com)

We have an interested-party email list for various subcommittee communications.

Please contact Tom Culp to be placed on that email list.