

RE2D-12-23 Modification Draft

IECC RE: R402.2.8

Legislative edits are shown against Public Comment Draft #2.

Revise as follows:

R402.2.8 Floors. Floor insulation¹ shall be installed in accordance with ~~all of~~ the following:

1. Table R402.1.2 or Table R402.1.3 and manufacturer's instructions.
2. Floor framing members that are part of the *building thermal envelope* shall be air sealed to maintain a *continuous air barrier*.
3. One of the following methods:
 - 3.1. *Cavity insulation* shall be installed to maintain permanent contact with the underside of the subfloor decking.
 - 3.2. *Cavity insulation* shall be installed to maintain contact with the top side of sheathing separating the cavity and the unconditioned space below. ~~Insulation shall extend from the bottom to the top of all perimeter floor framing members.~~
 - 3.3. A combination of *cavity insulation* and *continuous insulation* shall be installed such that the *cavity insulation* maintains contact with the top side of the ~~sheathing or continuous insulation installed on the bottom side of the floor assembly and the continuous insulation maintains contact with the underside of the structural floor system.~~ ~~Insulation shall extend from the bottom to the top of all perimeter floor framing members.~~
 - 3.4. *Continuous insulation* shall be installed to maintain contact with the underside of the ~~structural floor assembly system.~~ ~~Insulation shall extend from the bottom to the top of all perimeter floor framing members.~~
4. Foam plastic insulation installed in floor assemblies shall comply with IRC Section 316.5.13 or IBC Section 2603.4.1.14 as applicable.
5. Where part of the *building thermal envelope*, perimeter floor framing shall be insulated as required for *above-grade walls*. Insulation shall extend from the bottom to the top of the perimeter framing members.

¹ note to staff: insulation should not be italicized as it is in PCD#2