

**11-A CHAPTER 8
ROOF-CEILING CONSTRUCTION**

****Informative Note** Section R806.5 as originally proposed has been withdrawn and replaced with the following section.**

Section: R806.5 Unvented attic and unvented enclosed rafter assemblies
Table: R806.5 INSULATION FOR CONDENSATION CONTROL

Rationale: HCD proposes to adopt the above referenced section and table from the 2015 IRC into the 2016 CRC with new amendments and bring forward existing California amendments. The amendment includes the non-adoption of model code climate zones from the 2012 IRC/2013 CRC into the 2016 CRC and an editorial modification to the reference of the California Energy Code.

HCD proposes to amend R806.5 (4) to add an additional California climate zone where condensation is more likely to occur, based upon recommendation from energy commission staff. Additionally, HCD proposes to add new subsection R806.5 (4.1) to align with the California Energy Commission's proposal in the California Energy Code to allow high performance unvented attics.

HCD proposes to modify an existing California amendment from Section R806.5 (5.1) of the 2013 CRC regarding insulation requirements where roof tiles, wood shakes or shingles, or other roofing with no continuous underlayment is used. This amendment was added to the CRC during the 2006 Triennial Cycle, and is now proposed for modification to provide more clarity to code users based on recommendations from CEC staff that the existing language causes confusion.

HCD proposes to repeal an existing California amendment from Section R806.5 (5.2) of the 2013 CRC regarding R-value of rigid board or sheet insulation, shown in Section R806.5 (5.1.2) as it is unnecessary with HCD's adoption of Table R806.5. HCD proposes to repeal unnecessary model code language from Section R806.5 (5.1.3), and repeal the model code climate zone designations in Table R806.5, and replace these with California Climate Zone designations. IRC Table R806.5 contains IECC national climate zone designations which are not used in the California Building Standards Code.

HCD proposes to amend Table R806.5 as follows:

- Amend the header row of Table R806.5 to change the word "ON" to "OR" as the word ON is incorrect.
- Amend the header row of Table R806.5 to repeal the small letter "a" after "R-Value" which references a footnote which is not proposed for adoption.
- Amend the first row of Table R806.5 to identify the California Climate Zones where there is no need for air-impermeable insulation (for tile roofs only).
- Amend the second and fourth rows of Table R806.5 to repeal model code climate zone designations and identify the California Climate Zones where rigid board or air-impermeable insulation is required for condensation control.
- Not adopt footnotes to Table R806.5.