

## GG250-14

### 807.4

**Proponent:** Brenda Thompson, Clark County Development Services, Las Vegas, NV, representing Chair of the Sustainability, Energy and High Performance Code Action Committee (SEHPCAC@iccsafe.org)

**Revise as follows:**

**807.4 Structure-borne sounds.** Floor and ceiling assemblies ~~between dwelling rooms or dwelling units and between dwelling rooms or dwelling units and separating sleeping units or dwelling units from~~ public or service areas within the structure in occupancies classified as Group A1, A2, A3, B, E, I, M or R, ~~or sleeping units or dwelling units from adjacent sleeping units or dwelling units in Group R occupancies,~~ shall have an impact insulation classification (IIC) rating of not less than 50 where laboratory-tested and 45 where field-tested when tested in accordance with ASTM E 492. New laboratory tests for impact insulation class (IIC) of an assembly are not required where the IIC has been established by prior tests.

**Reason:** The existing text in Section 807.4 refers to “dwelling rooms and dwelling units.” “Dwelling rooms” is not a term used in other ICC codes. Furthermore, it is not necessary or of great advantage to require that floor-ceilings between rooms within a dwelling unit be designed to reduce structure born sounds. “Sleeping units,” however, is a term that is used in the ICC codes, and addressing structure borne sounds between sleeping units would be advantageous.

The language in this section was also revised to reduce the number of “ands” and “ors” to improve clarity.

This proposal was submitted by the ICC Sustainability Energy and High Performance Code Action Committee (SEHPCAC). The SEHPCAC was established by the ICC Board of Directors to pursue opportunities to improve and enhance International Codes with regard to sustainability, energy and high performance as it relates to the built environment included, but not limited to, how these criteria relate to the International Green Construction Code (IgCC) and the International Energy Conservation Code (IECC). This includes both the technical aspects of the codes as well as the code content in terms of scope and application of referenced standards. In 2012 and 2013, the SEHPCAC has held six two-day open meetings and 50 workgroup calls, which included members of the SEHPCAC as well as any interested parties, to discuss and debate proposed changes and public comments. Related documentation and reports are posted on the SEHPCAC website at: <http://www.iccsafe.org/cs/SEHPCAC/Pages/default.aspx>.

**Cost Impact:** Will not increase the cost of construction.

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