

## GG198-14

### 505.2, 505.2.6 (New)

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#### Revise as follows:

**505.2 Material selection.** Not less than 55 percent of the total building materials used in the project, based on mass, volume or cost, shall comply with Section 505.2.1, 505.2.2, 505.2.3, 505.2.4, ~~or~~ 505.2.5, or 505.2.6. Where a material complies with more than one section, the material value shall be multiplied by the number of sections that it complies with. The value of total building material mass, volume or cost shall remain constant regardless of whether materials are tabulated in more than one section.

#### Add new text as follows:

**505.2.6 Environmental Product Declarations.** Environmental product declarations shall be provided for materials based on product category rules in accordance with ISO 14025. Environmental product declarations shall be based on independently reviewed life cycle assessment in accordance with ISO 14044. The environmental product declaration and product category rules program shall be operated by an accredited third party.

#### Add new standard(s) as follows:

##### ISO

14025:2006 Environmental labels and declarations—Type III environmental declarations—Principles and procedures

**Reason:** This change offers a viable option for material selection based on transparency and accountability. By encouraging manufactures to publish EPDs based on established Product Category Rules it will provide specifiers with comprehensive and complete information. This well accepted practice will encourage a stronger understanding about how materials and manufacturing processes impact the environment. Additionally in the long run it will encourage more intelligent decisions by both specifiers and manufactures. This change will create a level playing field based on sound accepted Life Cycle Assessment science. It is a good option to add to the current list.

**Cost Impact:** Will increase the cost of construction. There is cost involved with the development of EPDs and PCRs but in general the cost to implement by manufactures is minimal.

**Analysis:** A review of the standard proposed for inclusion in the code, ISO 14025:2006 with regard to the ICC criteria for referenced standards (Section 3.6 of CP#28), will be posted on the ICC website on or before April 1, 2014.

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