

GG195-14

505.2, 505.2.1, 505.2.2, 505.2.3, 505.2.4, 505.2.5, 505.2.6 (New)

Proponent: Paul Coats, American Wood Council, representing American Wood Council (pcoats@awc.org)

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.

505.2.1 Used materials and components. Used materials and components shall comply with the provisions for such materials in accordance with the applicable code referenced in Section 102.4 and the applicable requirements of this code.

505.2.2 Recycled content building materials. Recycled content building materials shall comply with one of the following:

1. Contain not less than 25 percent combined post-consumer and preconsumer recovered material, and shall comply with Section 505.2.3.
2. Contain not less than 50 percent combined post-consumer and preconsumer recovered material.

505.2.3 Recyclable building materials and building components. Building materials and building components that can be recycled into the same material or another material with a minimum recovery rate of not less than 30 percent through recycling and reprocessing or reuse, or building materials shall be recyclable through an established, nationally available closed loop manufacturer's take-back program.

505.2.4 Bio-based materials. Bio-based materials shall be those materials that comply with one or ~~more~~ both of the following:

1. The bio-based content is not less than 75 percent as determined by testing in accordance with ASTM D 6866.
2. ~~Wood and wood products used to comply with this section, other than salvaged or reused wood products, shall be labeled in accordance with the SFI Standard, FSC STD-40-004 V2-1 EN, PEFC Council Technical Document or equivalent fiber procurement system. As an alternative to an on-product label, a Certificate of Compliance indicating compliance with the fiber procurement system shall be permitted. Manufacturer's fiber procurement systems shall be audited by an accredited third party.~~
3. The requirements of USDA 7CFR Part 2902.

505.2.5 Indigenous materials. Indigenous materials or components shall be composed of resources that are recovered, harvested, extracted and manufactured within a 500 mile (800 km) radius of the building site. Where only a portion of a material or product is recovered, harvested, extracted and manufactured within 500 miles (800 km), only that portion shall be included. Where resources are transported by water or rail, the distance to the building site shall be determined by multiplying the distance that the resources are transported by water or rail by 0.25, and adding that number to the distance transported by means other than water or rail.

NOTE: This version of the code change proposal has been updated to include all reported errata.

505.2.6 Certified Wood Products. Wood and wood products used to comply with this section, other than salvaged or reused wood products, shall be labeled in accordance with the SFI Standard, FSC STD-40-004 V2-1 EN, PEFC Council Technical Document or equivalent fiber procurement system. As an alternative to an on-product label, a Certificate of Compliance indicating compliance with the fiber procurement system shall be permitted. Manufacturer's fiber procurement systems shall be audited by an accredited third-party.

Reason: Currently, by being a single item in subsection 505.2.4, wood products receive no additional credit for coming from sustainable forests. Sustainable forestry, verified by one of the referenced programs in 505.2.4, is a different concept from carbon sequestration. As currently structured, Section 505.2.4 Bio-based materials recognizes the positive environmental impact of the products that sequester carbon. This proposal separates the positive impacts of sustainability (through forest certification programs) from the positive impacts of carbon sequestration (biomass). This will also encourage the use of standardized fiber procurement systems for wood products.

This change makes no changes to the item wording, it simply moves it to its own subsection.

Cost Impact: Will not increase the cost of construction.

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