USGBC.org - Scheduled Maintenance May 06th - May 07th
USGBC.org will be offline from **May 06th Friday 9:00pm EST - May 07th Saturday 12:00pm EST**.
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LEED BD+C: Healthcare | v3 - LEED 2009

Sustainably sourced materials and products

MRc3 | Possible 4 points

Glossary

Intent

To reduce the environmental burdens of materials and products acquired to construct building and to upgrade building services.

Requirements

One point and up to a maximum of four will be awarded for each 10% of the total value of all building materials and products used in the project (based on cost) that meet the criteria below. If concrete or steel structural elements are applied toward this credit, the project must include at least two other materials or products from CSI Master Format Divisions (other than 03 and 05) to attain the first point. Of the total recycled content, no more than 75% may be steel or concrete.

1. The cost of any individual material or product may be added for each of the following sustainability criteria that the material or product meets:

- Salvaged, refurbished or reused materials.

OR

- Recycled content. The recycled content value is determined by multiplying the recycled content fraction of the assembly (based on weight) by the cost of the assembly. The recycled content fraction is the sum of all post-consumer[1] recycled content plus one-half of the pre-consumer[2] content. Note: The same material cannot contribute to both salvaged and recycled content values.

OR

- Regionally sourced/manufactured materials and products that have been extracted, harvested or recovered, as well as manufactured within 500 miles (800 kilometers) of the project site.

OR

- Building materials or products shipped by rail or water have been extracted, harvested or recovered, as well as manufactured within a 500 mile (800 kilometer) total travel distance of the project site using a weighted average determined through the following formula:
(Distance by rail/3) + (Distance by inland waterway/2) + (Distance by sea/15) + (Distance by all other means) ≤ 500 miles [800 kilometers]

OR

- Rapidly renewable materials. The rapidly renewable content value is determined by multiplying the rapidly renewable content fraction of the assembly (based on weight) by the cost of the assembly.

OR

- Wood certified, in accordance with the Forest Stewardship Council's (FSC) Principles and Criteria. The certified wood content value is determined by multiplying the
certified wood content fraction of the assembly (based on weight) by the cost of the assembly. Note: Only virgin wood stock shall contribute towards the certified wood criteria. Certified wood shall not contribute to the rapidly renewable criteria.
Note: All wood certification requirements will be updated to reflect the new criteria being put forth for member approval across all LEED rating systems.

AND

2. Wall, ceiling and flooring systems and finishes, composite wood, agrifiber and fiberglass products, both exterior and interior adhesives, sealants, coatings, roofing, and waterproofing products must meet the relevant IEQ Credit 4: Low-Emitting Materials requirements to contribute toward the credit.

AND

Mechanical, electrical and plumbing components and specialty items, such as elevators, shall not be included in this calculation. Only include materials permanently installed in the project. Furniture is not included (see Credit 5.1-5.3).

AND

Recycled content shall be defined in accordance with the International Organization of Standards Document ISO 14021-1999—Environmental labels and declarations—Self-declared environmental claims (Type II environmental labeling).

AND

Supplemental cementitious materials derived from coal fired power plant wastes shall not have mercury content >5.5ppb (0.0055 mg/L). Fly ash generated as a by-product of municipal solid waste incinerators does not qualify as a recycled-content material for this credit.