

MR Credit 5.1: Regional Materials – ~~10% extracted, processed~~ and manufactured regionally

Deleted: 20

1 Point

Intent

Increase demand for building materials and products that are extracted and manufactured within the region, thereby supporting the ~~use of indigenous resources~~ and reducing the environmental impacts resulting from transportation.

Deleted: regional economy

Requirements

Use a minimum of ~~10% of building materials or products for which at least 80% of the mass is extracted, processed and~~ manufactured within ~~300 miles of the project site.~~

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Deleted: regionally

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OR

~~Specify a minimum of 10% of building materials or products for which at least 80% of the mass is extracted, processed, and manufactured within 1,000 miles of the project site, and shipped by rail or water.~~

OR

~~Specify a minimum of 10% of building materials or products that reflect a combination of the above extraction, processing, manufacturing and shipping criteria (e.g., 5% within 300 miles and 5% shipped by rail within 1,000 miles).~~

Deleted: * Manufacturing refers to the final assembly of components into the building product that is furnished and installed by the tradesmen. For example, if the hardware comes from Dallas, Texas, the lumber from Vancouver, British Columbia, and the joist is assembled in Kent, Washington; then the location of the final assembly is Kent, Washington.

Deleted: percentage of regional components,

Deleted: manufacturer

Submittals

- Provide the LEED-NC Letter Template, signed by the architect or responsible party, declaring that the credit requirements have been met. Include ~~evidence of transportation service by rail or water if applicable, and~~ calculations demonstrating that the project incorporates the required percentage of regional materials/products and showing their cost, ~~distance from the project site to the furthest point of extraction or manufacture for the qualifying components (i.e., the components comprising at least 80% of the mass),~~ and the total cost of all materials for the project.

Potential Technologies & Strategies

Establish a project goal for locally sourced materials, and identify materials and material suppliers that can achieve this goal. During construction, ensure that the specified local materials are installed and quantify the total percentage of local materials installed.

MR Credit 5.2: Regional Materials – ~~20%~~ extracted, processed and manufactured regionally

Deleted: 50

1 Point in addition to MR 5.1

Intent

Increase demand for building materials and products that are extracted and manufactured within the region, thereby supporting the use of indigenous resources and reducing the environmental impacts resulting from transportation.

Deleted: regional economy

Requirements

Use a minimum of 20% of building materials or products for which at least 80% of the mass is extracted, processed and manufactured within 300 miles of the project site.

OR

Specify a minimum of 20% of building materials or products for which at least 80% of the mass is extracted, processed, and manufactured within 1,000 miles of the project site, and shipped by rail or water.

OR

Specify a minimum of 20% of building materials or products that reflect a combination of the above extraction, processing, manufacturing and shipping criteria (e.g., 10% within 300 miles and 10% shipped by rail within 1,000 miles).

Deleted: Of the regionally manufactured materials documented for MR Credit 5.1, use a minimum of 50% of building materials and products that are extracted, harvested or recovered (as well as manufactured) within 500 miles of the project site.

Submittals

- Provide the LEED-NC Letter Template, signed by the architect or responsible party, declaring that the credit requirements have been met. Include evidence of transportation service by rail or water if applicable, and calculations demonstrating that the project incorporates the required percentage of regional materials/products and showing their cost, distance from project site to the furthest point of extraction or manufacture for the qualifying components (i.e., the components comprising at least 80% of the mass), and the total cost of all materials for the project.

Deleted: percentage of regional components,

Deleted: manufacturer

Potential Technologies & Strategies

Establish a project goal for locally sourced materials and identify materials and material suppliers that can achieve this goal. During construction, ensure that the specified local materials are installed and quantify the total percentage of local materials installed.

MR Credit 6: Renewable Materials

1 Point

Intent

Reduce the use and depletion of finite raw materials by replacing them with renewable, bio-based materials.

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Requirements

Use renewable, bio-based raw materials for 5% of the total value of all products used in the project. Qualifying materials must be either:

(a) Residues from the processing of renewable, bio-based materials:

OR

(b) Grown or harvested under a recognized sustainable management system. Programs that do not require third-party certification may be included. At a minimum, the management system must be subject to audit by the authority responsible for the system.

Excluded from the calculation are materials such as formwork, shoring, temporary partitions and other elements that are not a permanent part of the finished building.

Submittals

- Provide the LEED-NC Letter Template, signed by the responsible party, declaring that the credit requirements have been met and including calculations demonstrating that the project incorporates the required percentage of qualifying products.

Potential Technologies & Strategies

Establish a project goal for renewable, bio-based materials and identify products and suppliers that can support achievement of this goal. Consider solid wood, engineered wood, bamboo, wool, cotton, cork, agricultural fibers, and others.

Examples of management systems meeting the credit requirements are listed below. For a more complete list, see [USGBC Web page]:

- Canadian Standards Association
- Sustainable Forestry Initiative
- Sustainable Agricultural Program

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Detail, specify, facilitate the purchase of, and retain records of purchases of qualifying products.

MR Credit 7: Renewable Materials – Certified Environmentally Responsible Management

1 Point

Intent

Reduce the use and depletion of finite raw materials by replacing them with renewable, bio-based materials; and encourage certified environmentally responsible management of such resources.

Requirements

Use renewable, bio-based raw materials that are certified in accordance with one or more USGBC-approved premier certification programs for environmental management, for 50% of the total value of all bio-based materials and products used in the project.

These certification programs represent the highest level of rigor in environmental management, as evidenced by their endorsement by credible environmental non-governmental organizations and other non-industry entities.

Residues may or may not, at the discretion of the project team, be counted toward the total value of renewable, bio-based materials in the project.

Submittals

- Provide the LEED-NC Letter Template, signed by the responsible party, declaring that the credit requirements have been met and including calculations demonstrating that the project incorporates the required percentage of qualifying materials.
- For each product used to meet these requirements, provide the applicable vendor's or manufacturer's certification documentation (e.g., FSC chain-of-custody certificate).

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Potential Technologies & Strategies

Establish a project goal for environmentally certified renewable, bio-based materials and identify products and suppliers that can support the achievement of this goal. Consider solid wood, engineered wood, bamboo, wool, cotton, cork, agricultural fibers, and others.

Examples of certification systems meeting the credit requirements are listed below. A complete list of qualifying programs is available at [USGBC Web page].

- Association for Bamboo in Construction ([remains to be confirmed by TAG](#))
- Forest Stewardship Council
- Organic Trade Association ([remains to be confirmed by TAG](#))

Detail, specify, facilitate the purchase of, and retain records of purchases of qualifying products.