LEED V5

BUILDING PRODUCT SELECTION AND PROCUREMENT

What is the Common Materials Framework?

The Common Materials Framework (CMF) is a shared language for evaluating the sustainability of building materials. It provides aligned product evaluations.

Criteria Areas:

- Climate Health
- Human Health
- Ecosystem Health
- Social Health and Equity
- Circular Economy



Credit Intent

To encourage the use of products and materials that have environmentally, economically, and socially preferable impacts in alignment with the industry. To reward project teams for selecting products from manufacturers who have disclosed sustainability information about their products and have optimized their products.

STEP 1

Get Familiar with Multi-Attribute Products

Multi-attribute products are those that meet two or more of the above-listed **CMF Criteria Areas**. Achievement is demonstrated through third-party certifications, ecolabels, declarations, and standards.

Select products that have multiple declarations and certifications, such as these.

Get Familiar Multi-Attribute Products

Focus on products from manufacturers that disclose sustainability information and optimize their products across **multiple** criteria areas.

USGBC has developed additional guidance that explains which criteria area(s) are applicable for each certification and declaration. (see link here)

For example: A flooring product has a Cradle to Cradle Material Health Silver certification and an Optimized EPD. The Cradle to Cradle certification falls under the Human Health criteria area and the EPD falls under the Climate Health and Ecosystem Health criteria areas. Therefore, this product meets **three** criteria areas.

Product Categories

Projects can achieve up to five Product Categories - one point for each compliant product category (5 point max).

- Paints and Coatings
- Adhesives and Sealants
- Flooring
- Walls
- Ceilings
- Insulation
- Furniture
- Composite Wood
- Plumbing Fixtures

STEP 2

Specify Compliant Products and Materials

During design, utilize databases to help find multi-attribute products. Examples include:



- Ecomedes
- Sustainable Minds
- UL Spot
- SCS Global Services
- Habitable Future
- Parsons Healthy Materials Lab
- HPD Collaborative
- C2C Certified
- Building Ease

When searching for compliant products, consider starting with commodity materials such as metal studs, acoustic insulation, and construction adhesives.

Recycled content, Biobased materials, Sustainably harvested wood, and Material reuse all contribute to multi-attribute products.

Because LEED compliance is calculated using the total value of all products in a Product Category, prioritize the highest-impact materials and products (by cost, SF, or volume), and make sure they meet at least two criteria areas.

STEP 3

Track Products During Construction

Documentation

Use the LEED v5 Building Products Calculator to track materials during construction. The calculator will tally each product's multi-attribute score and the total value in each product category.

Teams can choose different measurement units for each product category. This can be based on cost, surface area, volume, or number of units.

The project team will need to input each product, unit value (cost, volume, etc), declaration(s) and certification(s), and sustainability attribute(s) (recycled content, etc).

Upload to LEED Online:

- Individual product documentation for every product in the calculator that meets BPSP criteria; up to 5 documents per product.
- LEED v5 Building Products Calculator

Reference

- LEED Credit Library
- LEED v5 BPSP Criteria
- Areas and Achievement Levels
- LEED v5 Building Products Calculator *
- Building Products Calculator Guide

*Note - there is one calculator for both Low Emitting Materials and BPSP.

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