



SAFETY | CUSTOMERS | CAREERS | COMMUNITIES | STRUCTURES

Supporting Your Sustainable Goals Through Certification & Transparency

RedBuilt Resources & Programs

LEED® v4 and v4.1 - Leadership in Energy and Environmental Design by the US Green Building Council
LEED is one of the most popular green building certification programs. RedBuilt will provide a letter upon request outlining how we can help achieve credits in the following categories for a specific project.

Sourcing of Raw Materials – RedBuilt can help contribute towards earning the 2 points available.

Recycled Content - The Simpson Strong-Tie® connectors RedBuilt supplies, Open-Web truss webs, and cross bracing contain 25% post-consumer recycled content.

Legal Wood - Red-I™ Joists and RedLam™ LVL are available with **SFI®** (Sustainable Forestry Initiative) chain of custody certification. If the products in this category are sourced and manufactured within 100 miles, their value toward achieving the credit can be doubled.

Environmental Product Declarations – RedBuilt can help contribute towards earning the 2 points available. RedBuilt has two EPDs, one for [Red-I™ I-Joists \(SCS-EPD-04127\)](#) and one for [RedLam™ LVL \(SCS-EPD-04128\)](#). Both EPDs are product-specific Type III EPDs with third-party certification and external verification.

Material Ingredients – RedBuilt can help contribute towards earning the 2 points available.

RedBuilt has three Health Product Declarations (HPDs), [Red-I™ I-Joists \(SCS-HPD-05694\)](#), [RedLam™ LVL \(SCS-HPD-05695\)](#), and [Open-Web Trusses \(SCS-HPD-06402\)](#). They are based on a complete, basic method, with a product threshold reporting level of 1000 ppm (0.1%).

Low-Emitting Materials – RedBuilt can help contribute towards earning the 3 points available.

According to LEED Interpretation [ID#LI 10466](#): "Structural wood products are considered compliant if they are made with moisture resistant adhesives meeting ASTM 2559, have no surface treatments with added urea-formaldehyde resins or coatings, and if they are certified according to one of the following industry standards." RedBuilt products are certified using the listed standards:

RedLam™ LVL: ASTM D 5456

Red-I™ I-Joists: ASTM D 5055

Adhesives: ASTM 2559

Download the Safety Data Sheets for the [Red-I™ Joists](#) and [RedLam™ LVL](#).

Construction Waste Management – RedBuilt can help contribute towards earning the 2 points available.

The product package and layout provided by RedBuilt has been given careful consideration to minimize jobsite waste; every piece is usable (no cull), and pieces are provided at lengths to minimize trim waste. Although this does not directly apply to this credit, it meets the intent of reducing the volume of waste materials and may be pursued for possible points.



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Additional Resources & Programs

WSSP - Washington Sustainable Schools Protocol

This program is similar to LEED but has a regional materials category that is limited to 500 miles in lieu of the 100 miles. RedBuilt will provide a letter upon request outlining how we can help achieve credits for a specific project.

LBCSM - Living Building Challenge by the International Living Future Institute

LBC is one of the strictest of the green building programs. RedBuilt has a letter that addresses our compliance to LBC's Red List of restricted substances.

Green Globes[®] Building Certification - by Green Building Initiative, Inc

This is another green building program, but not as widely used. They recognize EPDs.

IgCC[®] - International Green Construction Code by International Code Council

IgCC is an adoptable and enforceable standard for green building design and construction. There are synergies between LEED credits and this building code.

Buy American Act

Public buildings or public works funded by the Recovery Act may require proof that manufactured goods are made in the US. RedBuilt will provide a letter upon request.

EC₃ Tool - Embodied Carbon in Construction Calculator tool by [BuildingTransparency.org](https://www.buildingtransparency.org)

This is a free tool that can be used by design professionals. The tool uses building material quantities from construction estimates and/or BIM models and has a database of third-party verified EPDs. RedBuilt's EPD data (I-Joists and RedLam LVL) is included in this database. This tool helps the designers reach their embodied carbon reduction goals.

CHPS[®] - Collaborative for High Performance Schools

CHPS is a program in California to help schools become healthy and more efficient in energy, water, and materials. This verification program recognizes EPDs and HPDs.

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