

BUILDING PRODUCT DISCLOSURE AND OPTIMIZATION

INTRO: One of the credits being updated in LEED v5 is one R&S regularly manages on our sustainable projects Category (Material Reuse), Credit: Building Product Disclosure and Optimization.

HOW DOES THIS CHANGE IN LEED V5?

LEED V5 expands the number and type of documents that can be submitted to fulfill this credit while outlining how they meet the goals of five criteria areas.

FACT #1

Manufacturing of construction products accounts for 15% of global yearly GHG emissions (www.epa.gov). Companies can demonstrate their efforts to reduce GHG emissions by generating EPD and similar reports available to the general public.

EPDs

An EPD is a report generated by a 3rd party agency documenting a product’s environmental impact throughout its lifecycle. These can be product-specific or generic across the industry for a certain type of product.
Source: oneclicklca.com



FACT #2

ISO 21930 sets the standard for EPDs and ensures that manufactures cannot game the EPD system by making favorable assumptions about their products.

WHAT IS THE BUILDING PRODUCT DISCLOSURE AND OPTIMIZATION CREDIT?

This credit encourages project teams to select products from manufacturers who have documented environmental improvements in their products. For general contractors, this typically means collecting documentation such as Environmental Product Declarations (EPDs) or Life Cycle Assessment (LCA) optimization reports.

CRITERIA AREA		DESCRIPTION
Climate Health		Focuses on reducing GHG emissions and climate change impacts
Human Health		Prioritizes materials that minimize exposure to harmful substances
Ecosystem Health		Encourages the use of materials sourced and manufactured in ways that protect biodiversity and maintain ecological balance
Social Health and Equity		Promotes materials produced under fair labor practices and supports communities
Circular Economy		Advocates for materials that contribute to resource efficiency, recyclability, and the reduction of waste

ELIGIBLE DOCUMENTS IN V5

Each document type is given a score out of 5 based on the number of criteria areas it addresses. The number of criteria areas the document meets generally indicates the level of rigor the company has gone through to document their products’ environment impacts. To see details scan QR Code.



Eligible Product Documentation

CRADLE TO CRADLE

The Cradle to Cradle uses five categories to measure a product’s environmental and social sustainability. The most basic certification is Bronze. Products that meet more stringent requirements achieve the Silver, Gold, and Platinum rating.
Source: venturewell.org



GREEN SEAL

Green Seal is a nonprofit organization that provides labels for products that have records showing they are safer for the people and the planet
Source: greenseal.org



GENERAL CONTRACTOR RESOURCES FOR GATHERING DISCLOSURE DOCUMENTS:

The following websites are available for free for general contractors and subcontractors to easily find and compile sustainability documents

- Manufacturer’s websites (Armstrong, MechoShade, Johnsonite, and more!)
- <https://portal.mindfulmaterials.com/>



*colorized section of the carbon lifecycle analysis are relevant to the content on this poster

