Expert Tips

Current EPDs for Wood Products

List of Environmental Product Declarations (EPDs) available for wood products as of January 2025

Environmental Product Declarations (EPDs), sometimes referred to as Type III environmental declarations, report environmental impacts from cradle to gate[1] for many construction products, including wood products. They are based on detailed life cycle assessment (LCA) reports and governed by product category rules (PCRs) specific to each product type.

The wood industry was the first to develop transparent, third-party-verified EPDs in partnership with Underwriters Laboratories and in conformance with international standards (ISO 14025, 14040, 14044, and 21930).

North American Structural Wood EPDs

In 2020, the American Wood Council (AWC) and Canadian Wood Council (CWC) issued industry-average EPDs for the following North American structural wood products:

- North American softwood lumber
- North American softwood plywood
- North American oriented strand board (OSB)
- North American glued-laminated timber (glulam)
- North American laminated veneer lumber (LVL)
- North American laminated strand lumber (LSL)[2]
- North American wood I-joists
- Redwood lumber[3]

Most of these EPDs are valid through July 1, 2025.[2] In response to industry demand for more granular data, AWC and CWC will be issuing regional EPDs in the next round. Some of these EPDs have already been released, as noted below, with more expected to be released throughout 2025.

- U.S. Inland Northwest softwood lumber
- U.S. Pacific Coast softwood lumber
- U.S. Southern softwood lumber

The above EPDs can be downloaded from AWC's website. The LCAs that provide the basis for many of these EPDs are available from the Consortium for Research on Renewable Industrial Materials (CORRIM). Canadian regional average EPDs and LCAs for structural wood products are available from Athena Sustainable Materials Institute (ASMI).

Product-Specific EPDs

The industry average EPDs listed above represent most light-frame wood products available in the U.S. today. In addition, the following EPDs are currently available from WoodWorks manufacturer and supplier partners:

Mass Timber Products:

- Boise Cascade:
  - Veneer-laminated timber (VLT) and laminated veneer lumber (LVL): Cradle-to-gate
  - VLT and LVL: Cradle-to-grave

- Element 5:
  - CLT
  - Glulam

- Freres Lumber:
  - [Mass Ply Panel](#)

- Kalesnikoff:
  - [CLT](#)
  - [Glulam](#)

- Smartlam:
  - [CLT – Columbia Falls, MT](#)
  - [CLT – Dothan, AL](#)

- Sterling Structural:
  - [TerraLam Structural CLT](#)

- StructureCraft:
  - [DowelLam DLT](#)

- Vaagen Timbers:
  - [CLT](#)
  - [Glulam](#)

Light-Frame Wood Products:

- LP Building Solutions:
  - [LP FlameBlock fire-rated sheathing](#)
  - [LP Legacy sub-flooring](#)
  - [LP TopNotch 350 sub-flooring](#)
  - [LP TechShield radiant barrier sheathing](#)
  - [LP WeatherLogic air & water barrier sheathing](#)

- RedBuilt:
  - [RedBuilt open-web trusses](#)
  - [RedBuilt Red-I joists](#)
  - [RedBuilt RedLam (LVL)](#)

Other Products:

- Georgia-Pacific:
  - [Multiple EPDs available for gypsum products](#)

- LP Building Solutions
  - [LP SmartSide trim & siding](#)
  - [LP SmartSide ExpertFinish trim & siding](#)
  - [LP BuilderSeries siding](#)

- Pliteq
  - [GenieMat FF25](#)

- Rothoblaas:
  - [Multiple EPDs available for membrane products](#)
  - [Xylofon soundproofing profile](#)

- Sterling Solutions
  - [TerraLam Industrial Matting CLT](#)

- USG
  - [Multiple EPDs available for gypsum, floor mats, and accessory products](#)

EPDs may also be available for other mass timber and engineered wood products. Reach out to your manufacturer if you are looking for an EPD not listed on this page.

Additional Resources:

Bowyer, J., Howe, J., Fernholz, K., Bratkovich, S., & Stai, S. (2011). _Environmental Product Declarations (EPDs) Are Coming: Is Your Business Ready?_

International Organization for Standardization. (2006). ISO 14025:20006 Environmental Labels and declarations – Type III environmental declarations – Principles and procedure.

International Organization for Standardization. (2006). ISO 14040:2006 Environmental management – Life cycle assessment – Principles and framework.

International Organization for Standardization. (2006). ISO 14044:2006 Environmental management – Life cycle assessment – Requirements and guidelines.

International Organization for Standardization. (2017). ISO 21930:2017 Sustainability in buildings and civil engineering works – Core rules for environmental product declarations of construction products and services.

Trusty, W. (2012). _Environmental Product Declarations: What? Why? How?_

[1] _The production stage of a life cycle, which includes raw material extraction or harvest, transportation of those raw materials to the factory or mill, and manufacturing of the product itself, is often referred to as "cradle-to-gate." Read more about the life cycle stages here._

[2] _The LSL EPD was released in 2021 and is valid through April 1, 2026._

[3] _The redwood lumber EPD was issued by AWC and is for the United States redwood lumber._