

Environmental Product Declarations for LEED v5

An Environmental Product Declaration (EPD) is a verified and registered document that publicly discloses the environmental impact of a product from material extraction to end-of-life (product life cycle) in accordance with the ISO 14025 standard.

EPD requirements for contributions to LEED® registered projects and other green building rating systems have evolved with periodic rating system updates.

Due to the proliferation of decarbonization, building owners, architects, consulting engineers, and design-build contractors seek building materials that report embodied carbon. Relevant data is typically reported through EPD's.

For example, LEED v5 has added a credit called "Reduce Embodied Carbon" under the Materials and Resources credit category (MRc2). The intent of this credit is to "track and reduce embodied carbon of major structural, enclosure, and hardscape materials from construction processes on new construction and renovation projects."

For new construction projects, Option 2 "Environmental Product Declaration (EPD) Analysis" can earn 1-3 points.

For project design teams searching for thermal mechanical insulation products that can contribute to their owners' embodied carbon sustainability requirements, Aeroflex USA can help. We offer EPD's for our pipe, duct, and equipment insulation product lines that deliver Product Specific Type III EPD's and are registered with The International EPD® System. Our EPD's are registered and publicly available through the links below.

Pipe Insulation EPD - <https://www.environdec.com/library/epd32506>

Sheet & Roll Insulation EPD - <https://www.environdec.com/library/epd32502>

To learn more, click [here](#).

Sources:

The International EPD System - <https://www.environdec.com/home>

U.S. Green Building Council (USGBC) LEED v5 Reference Guide for Building Design and Construction, November 2025 Edition