



**myclimate**  
**Consulting & Solutions**

**EPD – Environmental  
Product Declaration**

# EPD

**Environmental Product Declaration**

**An EPD contains comparable information on the environmental properties and effects of a product. The basis for the standardised document is a life cycle assessment, which considers the environmental impact of the product over its entire life cycle. In this way, the value chain is fully taken into account - from material extraction to production and use to disposal of the product.**

### **Why is an EPD necessary?**

The construction sector is responsible for about one third of the greenhouse gases emitted. This means that the construction industry not only plays a key role when it comes to conserving resources and protecting the climate. Politicians are also increasingly demanding this of companies. In public tenders, EPDs are already a decisive factor in the awarding of contracts. They also serve as a central source of evidence for ecological building assessment (DGNB, LEED, BREEAM).

### **How is an EPD created?**

In addition to general information on the nature, composition and manufacture of a product, EPDs also contain a life cycle assessment. The latter is prepared by myclimate on the basis of key product figures provided by the company. The results are then presented compactly in an EPD document, documented and subjected to an independent review by the EPD programme holder. myclimate accompanies companies in a leading role during all process steps and ensures efficient project implementation.

### **What does a life cycle assessment cover?**

In the life cycle assessment, all material and energy consumption required for a product is considered. This means that the raw materials, consumables and supplies used for production,

transport and the waste and emissions generated are included in the calculation.

Based on the currently valid standard EN 15804+A2, the entire life cycle of a product is analysed (cradle-to-gate). In addition to production, this also includes the disposal of the products.

### **What is the result?**

The results of the LCA are verified in an external certification procedure and are available as an EPD for your use. An EPD forms a reliable source of evidence for all environmental statements on your product and is explicitly recommended by the Construction Products Regulation.

### **Collaboration with IBU e. V. and EPD International**

Together with the Institut Bauen und Umwelt e. V. and EPD Int., myclimate produces EPDs in accordance with EN 15804+A2. As an experienced provider, myclimate accompanies companies throughout the entire process, from data collection to the final presentation.



## Your benefits



### Corporate responsibility and transparency

The environmental and climate key figures of an EPD form the foundation for your sustainable corporate management and extended product responsibility.



### Identify emission sources

An EPD provides you with the necessary data basis to identify and optimise emission sources along the value chain.



### Source of evidence for green building certification

With an EPD, you have the information basis and source of evidence for ecological building certification according to DGNB, LEED, BREEAM. You also promote the circular economy and sustainable public procurement.



### Recommended by BauPVO

The Bauproduktenverordnung (BauPVO) explicitly recommends EPDs as a source of information to demonstrate sustainable resource use and the environmental impact of construction works.



### EPD in digital format

Make the environmental indicators of your EPD available to life cycle assessment and building material databases. This way, builders and planners can use them for further construction projects.



### Added value for your marketing

Use your valuable EPD information for successful marketing and communication measures.



### Building block for your CSR reporting

EPDs are compatible with the UN Sustainable Development Goals (SDGs). Through the LCA methodology, organisations can better analyse their value chain and more quickly record, improve and communicate the environmental impacts of their products.



### Compatible with other rating systems

You can use the LCA figures of an EPD as a data basis for reporting Scope 3 emissions with regard to the Greenhouse Gas Protocol (products) and the Science Based Targets.

## Effort and costs

To create an EPD, three steps are necessary:

1. Data collection
2. Accounting
3. Verification

myclimate accompanies you every step of the way to your EPD. The latter is valid for five years and should be updated thereafter.

The EPD creation process is carried out by myclimate as the LCA provider and via registration with the EPD programme holder (IBU or EPD Int.).

IBU/EPD int.: Membership fee	Turnover-based
IBU/EPD int.: EPD-Verification fee	one time 2000 EUR
IBU/EPD int.: Sign fee	annually 960 EUR
myclimate: Realisation & accounting	upon request

myclimate will be happy to provide you with a non-binding cost and effort estimate. Please get in touch with your contact person Irina Brehm, Project Manager Consulting & Solutions, directly.

## About myclimate

myclimate Deutschland gGmbH is a non-profit climate protection organisation and subsidiary of the Swiss myclimate foundation. Together with partners from the business sector and private individuals, myclimate aims to shape the future of the world through advisory and educational services as well as its own carbon offset projects. myclimate advises companies on integrated climate protection with tangible added value, carries out CO2 balancing of companies and events, creates life cycle assessments of products and offers the possibility of CO2 offsetting. The international myclimate carbon offset projects meet the highest quality standards and contribute to the 17 SDGs. In addition, myclimate offers educational programmes for learners and corporate workshops.

Read more on [www.myclimate.de](http://www.myclimate.de)

Contact us now!

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