KNAUF UK & IRELAND EPD

An EPD (Environmental Product Declaration) is the environmental equivalent of a technical datasheet. An EPD presents comprehensive information about the environmental impacts from waste, energy use, water use and other resource use associated with a product (or service), in a standardised form.

These environmental impacts are calculated by carrying out a life cycle assessment (LCA). For construction products of all types, the EN 15804 standard (published in 2013) provides specific rules for preparing an EPD; EN 15804 is compliant with ISO 14025 and valid in 33 European countries.

WHY EPDs ARE IMPORTANT

Environmental regulations

In the United Kingdom and Ireland, any published environmental claims must be legally based on data from 3rd party validated EPDs.

Drivers to our market

Government legislation and client demands help to inform the actions we take to reduce our environmental impacts. To include:

- Reducing greenhouse gas emissions
- Reducing the amount of waste we generate
- Sending less waste to landfill and and repurposing waste wherever possible
- Offer more sustainable and efficient products and engage with our suppliers to understand and reduce the impacts of our supply chain
- Report transparently on key sustainability issues

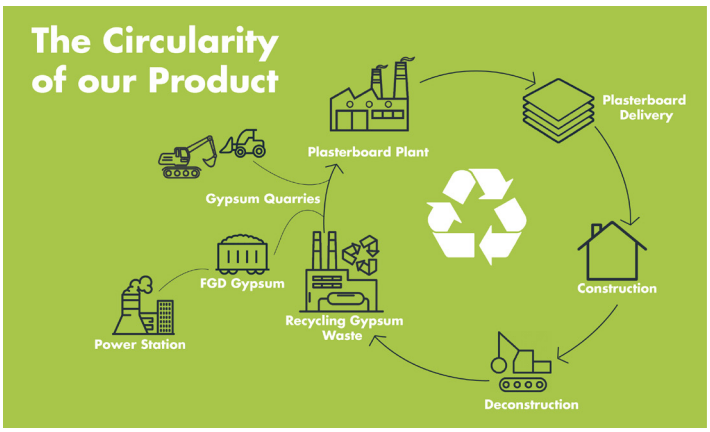
Building certification

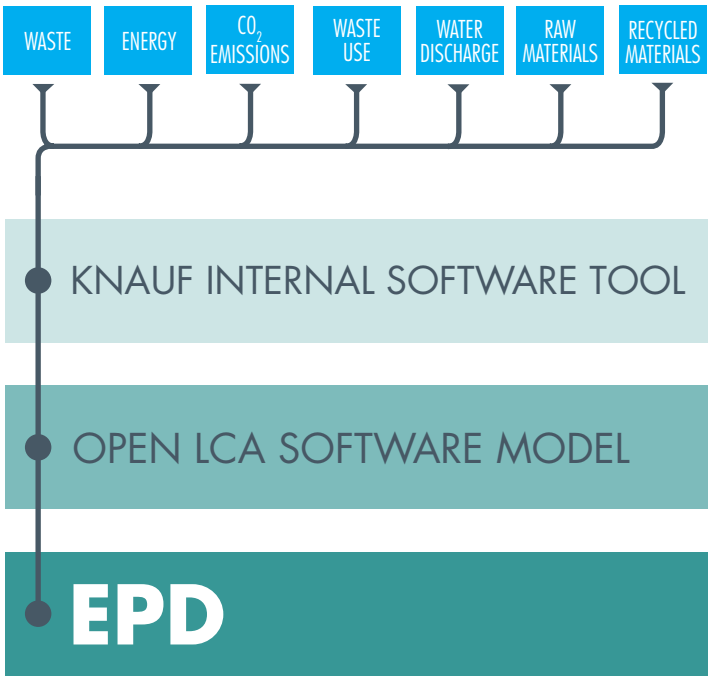
Green Building Rating Systems such as BREEAM, LEED, DGNB include assessment criteria that are requesting the use of EPD results. The use of Knauf products and systems can contribute to the score when a Green Building Rating Scheme is used.

Customers' specifications, tendering phase, design phase

With EPDs in Knauf UK & Ireland, Knauf continues to move towards a more sustainable future beyond that of the enforced government standard, through verified EPDs of our products. An EPD is a disclosure document that accounts for the environmental impacts made by a unit of product (m^2). As well as providing a level of honesty with customers and clientele, it requires an in-depth analysis of the production process, that will allow for sustainability and impact reduction on a much finer scale than standard methods.

Managing waste within the supply chain – pushing towards a Circular Economy





Third Party verification

Publication

Construction Project

Specification Phase:
Product EPD comparison

Design Phase:
Building LCA calculation (carbon Footprint)

Construction:
Green Building Rating Schemes (BREEAM, LEED, DGNB, WELL)

Build for the world we live in

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