



THE MOST COMPREHENSIVE APPROACH: LIFE CYCLE ASSESSMENT

A rigorous tool to evaluate
our product's global environmental impacts

SAINT-GOBAIN GYPROC, ALWAYS COMMITTED

Protecting the environment means **knowing and improving our environmental impacts on a daily basis**:

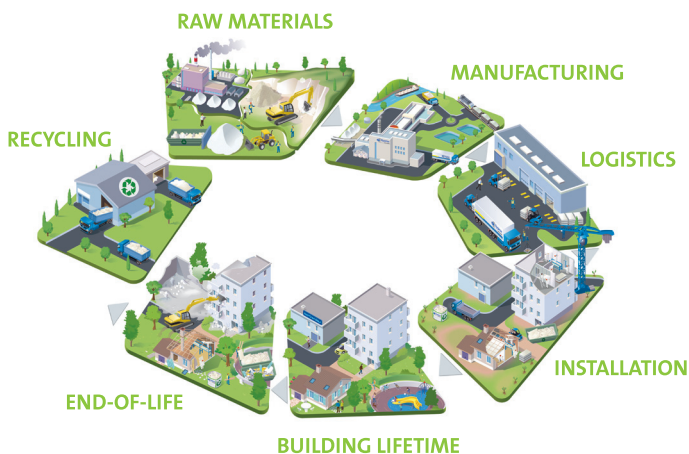
- Preserving biodiversity and natural resources
- Reducing our consumption of raw materials, energy, water, CO₂ emissions at production stage
- Limiting our impacts due to transportation
- Easing the installation and minimising the waste during the building construction
- Improving the user's comfort, security and health
- And working on the recycling of our products at the end of their life

LIFE CYCLE ASSESSMENT: A TOOL UNDERPINNING THIS COMMITMENT

Saint-Gobain Gyproc is involved into Life Cycle Assessments since 2010.

Life Cycle Assessment (LCA) is a mean to evaluate the environmental impacts of the product:

- **At every stage in the product's life**, from cradle (raw materials) to grave (end-of-life and recycling)
- **By studying all environmental impacts**: CO₂ emissions, energy and water consumption, air pollution, natural resources consumption, waste generation...)



LIFE CYCLE ASSESSMENT, THE MOST RIGOROUS AND COMPREHENSIVE TOOL

1

An approach **based on international standards** (ISO), known and acknowledged by all

2

Rigorous and scientific calculations **verified by an independent third party**

3

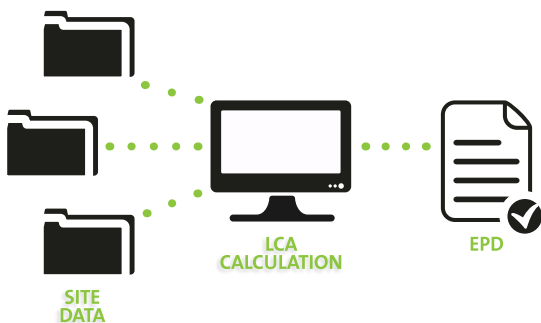
The most comprehensive level of environmental assessment covering all stages in the product life cycle and all environmental impacts

The Life Cycle Assessment makes possible to improve our environmental impacts, and then to eco-innovate, i.e. create new products, even more planet-friendly, from design stage to end-of-life.

TRANSPARENT COMMUNICATION THROUGH OUR ENVIRONMENTAL PRODUCT DECLARATIONS

EPD is the declaration based on the results of LCA to communicate the environmental impacts of a product. These environmental documents are publically released, when available.

Transparency is our way to communicate, so in our EPDs you will be able to consult **the full results of our LCAs** and **the distribution of major impacts through life cycle's stages**.



RECOGNIZE OUR COMMITMENTS WITH THIS SIGNATURE



This pictogram lets our clients identify products which have undergone a Life Cycle Assessment. The Environmental Product Declaration (EPD) is the official document showing the assessment results. We have decided to have these results verified by a third party **to be fully transparent.**



COVER PICTURE

The quarry of Vaujours (France) is continuously rehabilitated in order to preserve biodiversity. A collaborative work is done with the association Ecosphere and its experts in ecology to restore the site throughout its exploitation.

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