

First EPD supplier worldwide



First EPD supplier worldwide

SAINT-GOBAIN delivers transparency documentation to prove the actual sustainability level of each product.

We give our clients Environmental Product Statements (EPDs) of our glazing. Based on the Life Cycle Analysis (LCA), this report explains in detail the environmental impact of our flat glass, from the extraction of raw materials to manufacturing and distribution (called "cradle-to-grave"). The declaration is made in compliance with international standards (EN 15804 and ISO 14025 standards) and is third-party verified, ensuring the accuracy and reliability of the data.

By publishing EPDs, Saint-Gobain helps its customers including architects, engineering firms and general contractors whose projects seek to achieve LEED, BREEAM or DGNB green building labels.

Furthermore, Saint-Gobain enables them to choose the best product by analyzing data – as the technique is scientifically and globally accepted – and also to carry out the Life Cycle Analysis at the construction level with all products (concrete, glass, metal ...).

Your partner for sustainable construction

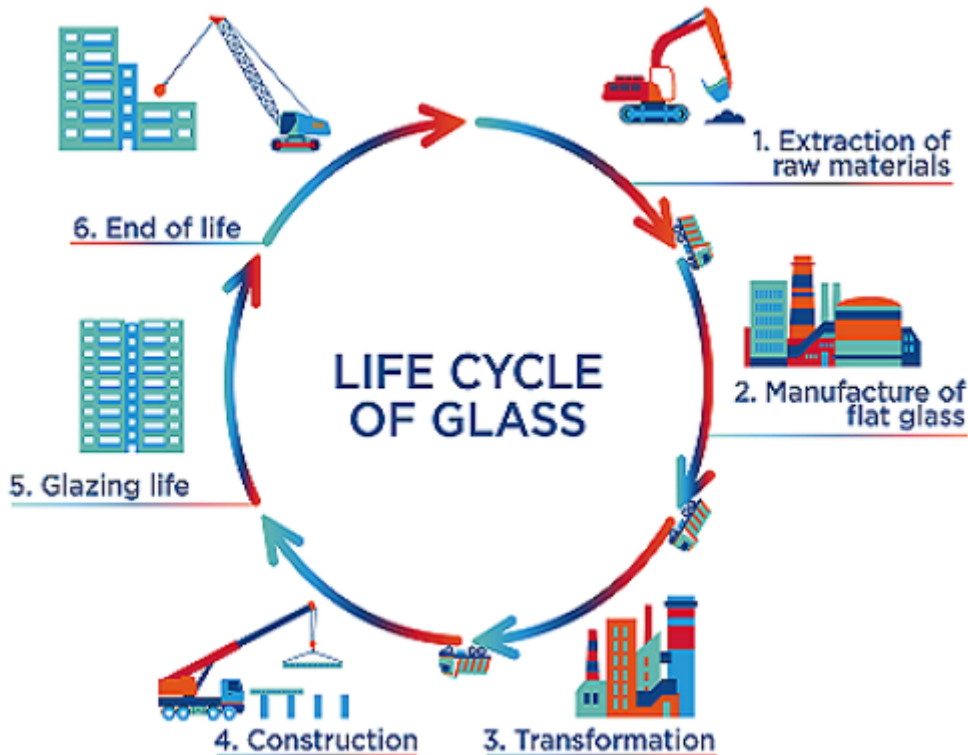
Saint-Gobain is the world's first glass producer to have conducted LCAs in 2011 and now has the most EPDs available on the market that cover 20 product solutions and more than 200 glazing configurations.

downloaded on [Environdec](#).



An Innovation driver

Saint-Gobain's strategy is focused on knowledge and reduction of the environmental impact of its glazing solutions over their entire life cycle.



Through implementing LCA and delivering EPD, we considered the environmental impacts affecting climate change, human health, eco-systems (biodiversity), and non-renewable resources ... LCA methodology offers a good picture of the impacts of goods in order to quickly recognize the strengths and disadvantages to guide the roadmap for innovation.

Our published EPDs per geographical zone

GLAZING NAME	CONFIGURATIONS COVERED
PLANICLEAR® Clear float glass	2 mm to 19 mm
PLANILUX Clear and colored flat glass	3 mm to 12 mm
PLANILUX Clear flat glass	3 mm to 19 mm
DIAMANT® Extra clear low-iron glass	3 mm to 19 mm
PARSOL® Body-tinted glass	3 mm to 10 mm
PARSOL® Body-tinted glass	4 mm to 10 mm
REFLECTASOL® on PLANILUX & PARSOL®	4 mm to 8 mm
Magnetron-coated glass on PLANICLEAR® & DIAMANT®	On PLANICLEAR® from 3 to 12 mm On DIAMANT® from 3 to 12 mm

GLAZING NAME	CONFIGURATIONS COVERED
SECURIT® Tempered glass	SECURIT® from 2 to 19 mm SECURIT® DIAMANT® from 3 to 19 mm SECURIT® PARSOL® from 3 to 12 mm
STADIP® (PROTECT/SILENCE) Laminated glass	STADIP® 22.1 / 22.2 + magnetron coating / 33.1 / 33.1 + magnetron coating / 44.1 / 44.1 SILENCE / 33.2 / 44.2 / 44.2 SILENCE / 44.2 + magnetron coating / 55.2 / 55.2 on DIAMANT / 66.2 / 66.2 on DIAMANT / 88.2 / 10.10.2
CLIMAPLUS® / CLIMALIT® PLUS Double-glazed unit	4-16-4 / 4-16-33.1 / 4-16-44.2 / 6-16-4 / 6t-12-6t / 6t-16-6 / 6t-16-44.2 / 8t-16-6 / 10t-16-6 / 66.2-16-6 / 6t6t.4-16-6 / 6t6t.4-16-66.2 / 8t8t.4-16-6
CLIMATOP Triple-glazed unit	4-14-4-14-4 / 4-16-4-16-4 / 33.2-10-4-10-4 / 4-18-4-18-4 / 4-14-4-14-4t / 4-12-4 / 6t-14-6-14-6t / 6t-12-4-12-4 / 6t-12-4-12-44.2 / 6t-12-4-12-44.2 / 6t-12-4-12-4 / 6t6t.4-12-4-12-4
CLIMALIT® Insulated glazed unit	4-16-4 / 4-16-44.1 / 4-16-33.1
MIRALITE® PURE Mirror with water-based paint	PLANICLEAR® from 3 to 8 mm

OUR EPDs

- [PLANICLEAR® Clear float glass... Fri, 03/20/2020 - 13:00](#)
- [PLANILUX Clear and colored fl... Mon, 02/13/2023 - 13:00](#)
- [PLANILUX Clear flat glass-EG Mon, 02/13/2023 - 13:00](#)
- [DIAMANT® Extra clear low-iron... Mon, 02/13/2023 - 13:00](#)
- [PARSOL® Body-tinted glass-EU Mon, 02/13/2023 - 13:00](#)
- [PARSOL® Body-tinted glass-EG Mon, 02/13/2023 - 13:00](#)
- [REFLECTASOL® on PLANILUX & P... Mon, 02/13/2023 - 13:00](#)
- [Magnetron-coated glass on PLA... Mon, 02/13/2023 - 13:00](#)
- [SECURIT® Tempered glass-EU Mon, 02/13/2023 - 13:00](#)
- [STADIP® \(PROTECT/SILENCE\) Lam... Mon, 02/13/2023 - 13:00](#)



COOL-LITE®

XTREME ORAÉ®



REDUCED

EMBODIED CARBON EMISSIONS



New CALUMEN®

available now

[Find a distributor](#)