











5 THINGS TO KNOW ABOUT OUR EPDs

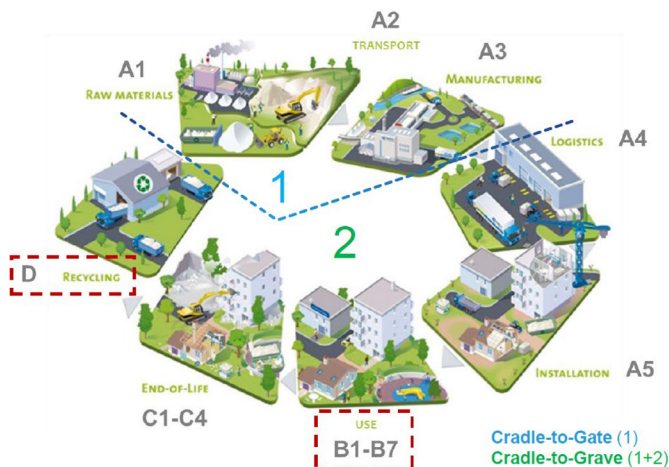
Solar Gard is proud to announce 8 verified EPDs, covering 79 window films in North America

1 WHAT IS AN EPD?

Similar to a food label, an EPD (Environmental Product Declaration) provides a consumer with information on the environmental impacts and benefits of products. A verified EPD allows manufacturers to report comparable, objective and third-party verified data about the environmental performance of their products in a transparent way.

It is the only method commonly acknowledged to compare the environmental performance of products, systems and buildings! Our EPDs are based on a Life Cycle Assessment (LCA) of the cradle-to-grave impacts of Solar Gard's products, following the relevant international standards (ISO 14044 and ISO 14025), and have been third-party verified against the Product Category Rules (PCR) under program operator Smart EPD.

		
A METHOD LCA = Lifecycle Assessment  A DOCUMENT EPD = Environmental Product Declaration 	<input checked="" type="checkbox"/> Quantitative Indicators <input checked="" type="checkbox"/> Multi-Criteria <input checked="" type="checkbox"/> Multi-Steps <input checked="" type="checkbox"/> International Standard (ISO 14025 and ISO 21930) <input checked="" type="checkbox"/> Third-Party Verification	OBJECTIVE COMPARISON Products  Systems  Buildings 



2 HOW IS AN EPD DEVELOPED?

An EPD begins by conducting a life cycle assessment (LCA), the environmental performance of a product at consecutive and interlinked steps of its life – from acquisition of raw materials to final disposal. The Saint-Gobain LCA approach is to cover all the life cycle stages, which is referred to as “Cradle-to-Grave” (scope 1 + 2).

Solar Gard verified EPDs cover all stages except USE (B1-B7) and RECYCLING (D).

3 WHY ARE EPDs IMPORTANT?

■ EPDs CREATE MORE CERTIFIED SUSTAINABLE BUILDING

Selecting products with verified EPDs demonstrates a commitment to sustainability, enhances a building's value and promotes wellbeing. In addition, it is becoming increasingly more common to require products with EPDs on new build projects and large-scale renovations.

■ EPDs CAN EARN LEED CREDITS

LEED CREDITS
Global sustainable assessment -and rating methods for buildings
Building owners can earn a higher rating with the use of Solar Gard film.

- Energy Performance Credits (EPC)
- Light Pollution Reduction (LPR)
- Glare Reduction Credit (GRC)
- Thermal Comfort (TC)
- Innovation Credits (IC)
- and more

LEED POINTS
Learn more about Solar Gard & LEED Credits
solargard.com/resources/energy-efficiency-and-sustainability/leed-credits/

■ SOLAR GARD EPDs REITERATE THE SAINT-GOBAIN COMMITMENT TO SUSTAINABILITY

With the purpose of "Making the World a Better Home," the vision of Saint-Gobain is to become a worldwide leader in light, sustainable construction. It aims to have EPDs and verified LCAs for all Saint-Gobain products by the end of 2030.

And to achieve carbon neutrality, Saint-Gobain has published a CO2 roadmap that incorporates the Group's new commitments through 2030 (reducing not only its direct and indirect CO2 emissions, but also the emissions along its value chain). These new targets for 2030 have been validated by the Science-Based Targets (SBT) initiative, which considers them aligned with the Group's 2050 net-zero commitment:

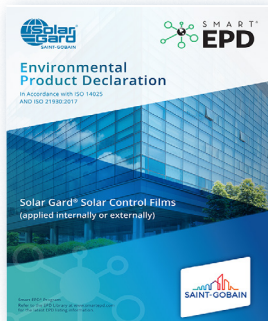
2030 COMMITMENTS

- 33%
scope 1 & 2
CO₂ emissions
- 50%
industrial water
withdrawal
- 80%
non-recovered
production waste
- UN GLOBAL COMPACT
(versus 2017)

4 WHY ARE EPDs IMPORTANT TO SOLAR GARD?

Publishing 8 verified EPDs for 79 of our window films underscores our commitment to making Solar Gard window films more sustainable during their lifetime by innovating our processes and product design, optimizing and reducing our energy use, transitioning toward carbon-free energy at our global sites, and mobilizing suppliers and transportation alternatives.

5 WHERE TO FIND SOLAR GARD VERIFIED EPDs?



SMART EPD WEBSITE
SAINT-GOBAIN SOLAR GARD



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♻️ Please recycle


SAINT-GOBAIN