

Fire-Resistant Glass "FireLite®" Obtains EPD (Environmental Product Declaration)

~ Contributing to the Realization of Sustainable Buildings through Visualization of
Environmental Impact ~

Nippon Electric Glass Co., Ltd. (Headquarters: Otsu, Shiga Prefecture, President: Akira Kishimoto; "NEG") is pleased to announce that its fire-resistant glass, "FireLite®," has obtained the "SuMPO EPD" environmental label from the Sustainable Management Promotion Organization (SuMPO).

The Environmental Product Declaration (EPD) is an international environmental label that quantitatively calculates the environmental impact of a product's life cycle (including CO2 emissions and other environmental burdens) and is obtained and disclosed after passing third-party verification. With this certification, buildings using "FireLite®" will be able to understand the environmental impact from raw material procurement to factory shipment, meeting the needs of those who wish to select building materials with lower environmental impact.



The movement to seek environmental labels for glass building materials is spreading, particularly in North America. Technical Glass Products (TGP), a long-time partner of our company and a subsidiary of Allegion, which handles the sales of "FireLite®" in North America, commented as follows:

"This new Environmental Product Declaration (EPD) for FireLite® by Nippon Electric Glass represents a meaningful milestone for TGP as well.

FireLite® has consistently received high acclaim from numerous customers for its unique combination of fire-protective performance and aesthetic appeal. The issuance of this EPD substantiates and makes transparent the product's environmental impact. We believe this

documentation will support project stakeholders in better assessing the appropriateness of this product in sustainable and green building initiatives." (Devin Bowman, General Manager, TGP)



Office using FireLite® (provided by TGP)

NEG will continue to enhance the transparency of environmental information through third-party certification and verification in the field of glass building materials, contributing to the promotion of sustainability and the realization of a sustainable society.

※1 FireLite® JR-BW-25001E (<https://ecoleaf-label.jp/epd/2210>) and FireLite Plus® JR-BW-25002E (<https://ecoleaf-label.jp/epd/2211>)

※2 SuMPO Environmental Label Program | Sustainable Management Promotion Organization (SuMPO) (<https://ecoleaf-label.jp/>)

■About Fire-Resistant Glass "FireLite®"

"FireLite®" is crafted from super heat-resistant glass-ceramics with an almost zero coefficient of thermal expansion, - an innovative window solution that combines visibility and safety. It has excellent heat resistance to prevent the spread of fire during a blaze, while maintaining high transparency. This ensures that it contributes to the protection of lives and property without compromising on natural light or design aesthetics.

■About EPD (Environmental Product Declaration)

The EPD is an international environmental labeling program that complies with ISO 14025. It quantitatively demonstrates the environmental impact of a product using the Life Cycle Assessment (LCA) method. The purpose of the EPD is to support the selection of environmentally friendly products and to promote sustainable design and procurement.

[Company Profile]

Nippon Electric Glass Co., Ltd. is a world-class specialty glass manufacturer headquartered in Otsu City, Shiga Prefecture. Special glass that creates novel functionality is transformed into a variety of products, such as sheets, tubes, fibers, and powder, and is used in a wide range of fields, including semiconductors, displays, automobiles, electronic devices, medical care, and energy. The special glass developed using the technology and track record that we have honed over our 70-year history is highly regarded in a wide range of fields, from everyday life to cutting-edge industry.

Company name: Nippon Electric Glass Co., Ltd.

Representative: Akira Kishimoto, President

Head office location: 7-1 Seiran 2-chome, Otsu, Shiga 520-8639, Japan

Founded: December 1, 1949

Business details: Manufacture and sale of special glass products and fabrication

URL: <https://www.neg.co.jp/en/>

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<Contact regarding products>

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