## **Climate Declaration**

stration number of EPD: JR-BW-25002E

Japan EPD Program by SuMPO Sustainable Management Promotion Organization 14-8, Uchikanda 1-chome, Chiyoda-ku, Tokyo Japan https://ecoleaf-label.jp

\*\* The Climate Declaration indicates greenhouse gas emissions in CO2 equivalent values and is not an EPD. Please check here for EPD: https://ecoleaf-label.jp/

# Neg Nippon Electric Glass Co., Ltd.

#### Declaration unit Functional unit

1m<sup>2</sup>

#### System boundary

#### Main specifications of the product

Production sites ; Otsu Plant, Shiga Takatsuki Plant

#### Specifications ;

product thickness average : approx. 10mm

Weigt per square meter ; approx. 23kg

Processing method ; Crystallization & Lamination method

#### Main application ; Architectural

PCR information		
PCR name	Processed glass	
PCR review panel		
Approval date	1 September 2023	
PCR review panel chair	Ken Yamagishi	
	Sustainable Management Promotion Organization	

### Heat-resistant crystallized glass for fire door FireLite Plus<sup>®</sup>



EPD Verification information				
Registration#	JR-BW-25002E			
PCR number	PA-171190-BW-02			
Publication date	1 April 2025			
Verification date	30 January 2025			
Verification method	Product-by-product			
Verification#	JV-BW-25002			
Expiration date	29 January 2030			
Verifier	□internal ■external			
	Hiroyuki Nakamura			

Additional information

The total energy use is 2126 MJ.

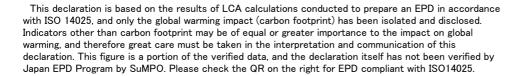
GWP (Carbon footprint)						
Stages of the Life cycle	Breakdown	Unit	Percentage			
Raw material acquisition	6.6E+01	kg-CO2eq	62.4%			
②Distribution	2.3E-01	kg-CO2eq	0.2%			
③Production	3.9E+01	kg-CO2eq	37.4%			

Total

1.1E+02 kg-CO2eq

#### About the Climate Declaration

EPD Link





EPD Link	https://ecoleaf-label.jp/en/epd/2211	LCI date	IDEA ver.3.1.0

**Company Information** 

https://www.neg.co.jp/en/inquiry/

Nippon Electric glass Co., Ltd. Consumer Glass Prodaucts Division, Production Quality Assurance Department