

# EPD Summary

Carat/Avera/Vintago/Reflex (grey cement)

## Product information


Swisspearl pigmented fibre cement boards are high-quality, through-coloured boards designed for façade use. Deemed as non-combustible, it is available in variable sheet sizes and profiles. The boards can have a translucent, transparent, or reflective coating and are available in a smooth or rough surface.

## Functional unit and representativeness

This summary shows the results of the production and installation of 1 m<sup>2</sup> Swisspearl pigmented fibre cement façade board with grey cement produced in Niederurnen Switzerland for a thickness of 8 mm. The results are representative for the Swisspearl Carat/Avera/Vintago/Reflex as they do not significantly differ from each other based on the requirements outlined in the EN15804.



## Main results

	Production phase A1-A3	Construction phase A4-A5	End-of-life phase C1-C4	Total Life Cycle A1-C4	End-of-life benefits D
 GWP - Total kg CO <sub>2</sub> -eq/m <sup>2</sup>	13.7	2.3	0.74	16.7	-0.36

Swisspearl pigmented facade boards also come in 4-, 6-, and 12- mm thicknesses. The environmental impact of these thicknesses can be calculated by multiplying the values by 0,5, 0,75, and 1,5 respectively. The area weight is 14,7 kg/m<sup>2</sup>.

## Further information

Validity date	Background database	Production location	EPD database	Registration number	Reference Service Life
12/5/2029	GaBi Software V:2022	Switzerland	Institut Bauen und Umwelt e.V. (IBU)	EPD-SWP-20240426-CCA2-EN	50 years or higher according to the BBSR (code 335.511)

[Link to full EPD](#)

[Link to additional information](#)

# FAQ Product Sustainability

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Disclaimer: All information given in this FAQ is valid at the date of publication.

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## **What is the biogenic content in this product?**

The biogenic content comes from cellulose fibers and is about 1–5%.

## **What is the recycled content in the product?**

Swisspearl pigmented fibre cement boards do not contain pre- and post-consumer recycled materials.

## **Is material waste being recycled?**

Across all Swisspearl's production locations, the recycling/recovery rate of material waste is 69% as of 2024.

## **Are the cellulose fibres used FSC/PEFC certified?**

All cellulose used in the product is sourced from a PEFC and/or FSC certified supplier.

For more information, please contact [epd@swisspearl.com](mailto:epd@swisspearl.com)

## **Does the product comply with the EU Taxonomy (DNSH criteria)?**

Signed declaration can be found on our homepage.

## **Does the product contain any SVHC's in a concentration above 0,1% (w/w) or PFAS's?**

The total concentration of SVHC's in the product does not exceed 0,1% (w/w). However, the synthetic fibres used for reinforcement contain more than 0,1% SVHC alone. As the fibres are encapsulated in the solid matrix of the product, and therefore non-separable, the presence of these substances pose no health risk upon handling. For more information, please contact [sds@swisspearl.com](mailto:sds@swisspearl.com).

The product does not contain any PFAS.