

CLIMATE DECLARATION

for B1 Composite Panels
Declared unit: 1 m²

The climate declaration shows the emissions of greenhouse gases, expressed as CO₂-equivalents. It is based on verified results from a life cycle assessment (LCA) performed as basis for an EPD®, in accordance with ISO 14025.

Information about the product

Saray Al Composite Panels consist of mineral core bonded between two Aluminium panel sheets. Aluminium sheets can be coated with PVDF or Polyester paint. Saray Al Composite Panels are very rigid and strong despite their light weight. Aluminium sheets are painted in any kind of colour, in PVDF or Polyester coatings.



Climate Declaration

The table below shows the emissions of greenhouse gases, calculated as carbon dioxide equivalents (kg CO₂ eq.) for 1 m² of B1 Composite Panel. The included life cycle stages are raw material supply, transport and product manufacture (A1-A3), transport to site (A4) and end of life stage (C1-C4).

Product Stage (A1-A3)	Construction (A4)	End-of-Life Stage (C1-C4)
33.1 kg CO ₂ e	0.211 kg CO ₂ e	1.05 kg CO ₂ e

Other environmental information

This declaration is limited to the impact on climate change by emissions of greenhouse gases. Further information about other relevant environmental aspects is available in the EPD® at www.environdec.com and www.epdturkey.org.

Contact information

SARAY ALUMINIUM

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Information about the company

Since 1980, Saray Aluminium has been playing a major role in the construction of future architectural buildings with its leading and innovative interior & exterior construction solutions.

Saray manufactures aluminium door & window, curtain wall (facade) and handrail systems, aluminum composite panel, PVC door & window systems, shutter systems, various types of industrial profiles for the sectors such as machinery, lighting, elevator etc. and standard section profiles in various shapes and sizes. Saray is among the first Turkey's Top 200 Industrial Enterprises and exports %55 of total production more than 60 countries in Europe, Asia, Africa; with its high export amounts Saray receives the "Export Stars of Turkey" award in every year.

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INDEPENDENT VERIFICATION OF THE DECLARATION AND DATA, ACCORDING TO ISO 14025: doc. Ing. Prof. Vladimír Kočí, INDIVIDUAL VERIFIER		APPROVED BY: THE INTERNATIONAL EPD® SYSTEM	
LINK TO MORE INFORMATION: https://www.environdec.com/library/epd4081			
CLIMATE DECLARATIONS FROM DIFFERENT PROGRAMS MAY NOT BE COMPARABLE			