

CLIMATE DECLARATION

for White PVC Profiles
Declared unit: 1 kg

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

PVC Profiles are mainly made of Polyvinyl Chloride (PVC) known as the most valuable raw material within the chemical industry. Products may also contain other raw materials such as calcite, titanium, stambran, impact, and stabilizers.



Climate Declaration

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

Product Stage (A1-A3)	Construction (A4)	End-of-Life Stage (C1-C4)
4.75 kg CO ₂ e	0.019 kg CO ₂ e	0.049 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.

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.

Contact information

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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/epd4089			
CLIMATE DECLARATIONS FROM DIFFERENT PROGRAMS MAY NOT BE COMPARABLE			