

CLIMATE DECLARATION

FOR ALUMINIUM PROFILES
Declared unit: 1 kg of Aluminium Profile

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

Information about the product

Aluminium Profiles can be sold as is, that is to mean that they do not require any further treatment after extrusion process before packaging and delivery to the end user. Alternatively, they might get coated or anodized depending on the required specifications. This report covers all the three Aluminium profile types: Al Profiles, Coated Al Profiles and Anodized Al Profiles.

SARAY Aluminium Profiles can be used as architectural systems as well as industrial profiles, automotive profiles, machinery-manufacturing profiles, heating and cooling profiles and profiles in ship and aircraft industries.



Information about the company

With over 36 years' experience in Aluminium extrusion and surface finishing industry, SARAY are one of the leading companies in Turkey for production of Aluminium extrusions used in manufacturing window/door systems, facade and curtain walling. The company has two production sites, under a total of 90,000 sq.m covered area. SARAY is ranked among the top 200 industrial companies in Turkey. SARAY, being aware of its environmental responsibilities, takes necessary measures in all stages from planning, production and delivery to protect the environment.

Climate Declaration

The table below shows the emissions of greenhouse gases, calculated as carbon dioxide equivalents (kg CO₂ eq.) for 1 kg of Aluminum Profile. The included life cycle stages are raw material supply, transport and product manufacture (A1-A3) and disposal (C4). Other modules are not included.

Profiles	Manufacturing A1-A3	End of life C4
Al Profile	2.08E+01 kg CO ₂ e	1.47E-02 kg CO ₂ e
Coated Al Profile	2.10E+01 kg CO ₂ e	1.47E-02 kg CO ₂ e
Anodized Al Profile	2.16E+01 kg CO ₂ e	3.00E-02 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

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Aluminium

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LINK TO MORE INFORMATION: http://www.environdec.com/en/Detail/epd833			
CLIMATE DECLARATIONS FROM DIFFERENT PROGRAMS MAY NOT BE COMPARABLE			