

# CLIMATE DECLARATION

FOR PVC PROFILES

Declared unit: 1 kg of PVC profile

The climate declaration shows the emissions of greenhouse gases, expressed as CO<sub>2</sub>-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

PVC Profiles are mainly made of Polyvinyl Chloride (PVC) with the addition of other raw materials such as calcite, titanium, impact modifiers and stabilizers.

PVC Profiles manufactured by SARAY are used as window & door frames and sliding systems.



## 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. SARAY PVC producing of PVC with 3 lines of Austrian molds and machines in 2004 and today continues annual capacity of 18.000 tons with 17 extruders. 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 CO<sub>2</sub> eq.) for 1 kg of PVC Profile. The included life cycle stages are raw material supply, transport and product manufacture (A1-A3) and disposal (C4). Other modules are not included.

Manufacturing A1-A3	End of life C4
4.71E+00 kg CO <sub>2</sub> e	4.39E-01 kg CO <sub>2</sub> 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.virondec.com](http://www.environdec.com) and [www.epdturkey.org](http://www.epdturkey.org).

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INDEPENDENT VERIFICATION OF THE DECLARATION AND DATA, ACCORDING TO ISO 14025: doc. Ing. Vladimír Kočí, Ph.D, INDIVIDUAL VERIFIER		APPROVED BY: THE INTERNATIONAL EPD® SYSTEM	
LINK TO MORE INFORMATION: <a href="http://www.virondec.com/en/Detail/epd832">http://www.virondec.com/en/Detail/epd832</a>			
CLIMATE DECLARATIONS FROM DIFFERENT PROGRAMS MAY NOT BE COMPARABLE			