



# EPD Transparency Summary

**COMPANY NAME** Inpro Corporation

**PRODUCT NAME** IPC A1200 Handrail

**PRODUCT DESCRIPTION** Inpro Corporation handrail systems are designed for pedestrian safety and wall protection. Handrails are comprised of an aluminum retainer and an extruded vinyl cover.

**PRODUCT CATEGORY RULE (PCR)+ VERSION** Part B: Wall and Door Protection EPD Requirements, UL 10010-10

**CERTIFICATION PERIOD** October 1, 2019-October 1, 2024

**DECLARATION NUMBER** 4789164167.103.1

**EPD TYPE**  **PRODUCT SPECIFIC**  **INDUSTRY AVERAGE**

**DECLARED/ FUNCTIONAL UNIT** One (1) meter

**GREEN BUILDING QUALIFICATIONS**  
 LEED v4. Building Product Disclosure and Optimization - EPDs, Option 1  
 ASHRAE 189.1 Material Compliance  
 IgCC Material Compliance  
 Green Globes 3.5.1.2.1  
 NAHB Material Selection

**REFERENCE SERVICE LIFE (IF APPLICABLE)**

**LCA SOFTWARE + VERSION** GaBi ts v9.1

**IMPACT ASSESSMENT METHOD + VERSION** TRACI 2.1



## LIFECYCLE IMPACT CATEGORIES

The environmental impacts listed below were assessed through the product's production phase (cradle to gate impacts).

	ATMOSPHERE			WATER		EARTH	
	<b>Global Warming Potential</b> refers to long-term changes in global weather patterns that are caused by increased concentrations of greenhouse gases in the atmosphere.	<b>Ozone Depletion Potential</b> is the destruction of the stratospheric ozone layer, which shields the earth from ultraviolet radiation that's harmful to life, caused by human-made air pollution.	<b>Photochemical Ozone Creation Potential</b> happens when sunlight reacts with hydrocarbons, nitrogen oxides, and volatile organic compounds, to produce air pollution known as smog.	<b>Acidification Potential</b> is the result of human-made emissions and refers to the decrease in pH and increase in acidity of oceans, lakes, rivers, and streams – polluting groundwater and harming aquatic life.	<b>Eutrophication Potential</b> occurs when excessive nutrients cause increased algae growth in lakes, blocking the underwater penetration of sunlight needed to produce oxygen and resulting in the loss of aquatic life.	<b>Depletion of Abiotic Resources (Elements)</b> refers to the reduction of available non-renewable resources, such as metals, that are found on the periodic table of elements, due to human activity.	<b>Depletion of Abiotic Resources (Fossil Fuels)</b> refers to the decreasing availability of non-renewable carbon-based compounds, such as oil and coal, due to human activity.
<b>TRACI</b>	9.32 kg CO <sub>2</sub> -Equiv.	8.18E-09 kg CFC 11-Equiv.	0.42 kg O <sub>3</sub> -Equiv.	0.0315 kg SO <sub>2</sub> -Equiv.	0.00173 kg N-Equiv.	kg Sb-Equiv.	16.5 MJ
<b>CML</b>	kg CO <sub>2</sub> -Equiv.	kg R11-Equiv.	kg Ethene-Equiv.	kg SO <sub>2</sub> -Equiv.	kg PO <sub>4</sub> -Equiv.	kg Sb-Equiv.	MJ





## MATERIAL CONTENT

Material content measured to 1%.

COMPONENT	MATERIAL	AVAILABILITY	MASS%	ORIGIN
	Polyvinyl Chloride (PVC)	Fossil resource, limited	40.7	US
	Aluminum	Non-renewable resource, limited	59.3	US

## ADDITIONAL ENVIRONMENTAL INFORMATION

PRE-CONSUMER RECYCLED CONTENT	61 %
POST-CONSUMER RECYCLED CONTENT	0 %
VOC EMISSIONS	0
WATER CONSUMPTION	

## ENERGY

RENEWABLE ENERGY	%	MJ
NON-RENEWABLE ENERGY	100 %	MJ

## MANUFACTURER CONTACT INFO

NAME	Inpro Coporation
PHONE	800-222-5556
EMAIL	customerservice@inprocorp.com
WEBSITE	www.https://inprocorp.com/our-obsessions/sustainability

## RECYCLING OR REUSE

Inpro Corporation has a product take-back program

## STANDARDS

NFPA Class A fire rating  
 CAN/ULC-S102.2 flame spreading  
 ASTM D-543 stain resistance  
 ASTM G-21/22 anti-bacterial

## CERTIFICATIONS

