



EPD Transparency Summary

COMPANY NAME Inpro Corporation

PRODUCT NAME IPC 3000 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 | |
|--------------|---|--|--|---|--|---|--|
| | | | | | | | |
| | Global Warming Potential refers to long-term changes in global weather patterns that are caused by increased concentrations of greenhouse gases in the atmosphere. | Ozone Depletion Potential 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. | Photochemical Ozone Creation Potential happens when sunlight reacts with hydrocarbons, nitrogen oxides, and volatile organic compounds, to produce air pollution known as smog. | Acidification Potential 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. | Eutrophication Potential 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. | Depletion of Abiotic Resources (Elements) 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. | Depletion of Abiotic Resources (Fossil Fuels) refers to the decreasing availability of non-renewable carbon-based compounds, such as oil and coal, due to human activity. |
| TRACI | 7.64 kg CO ₂ -Equiv. | 4.57E-09 kg CFC 11-Equiv. | 0.349 kg O ₃ -Equiv. | 0.0275 kg SO ₂ -Equiv. | 0.00127 kg N-Equiv. | kg Sb-Equiv. | 12.5 MJ |
| CML | kg CO ₂ -Equiv. | kg R11-Equiv. | kg Ethene-Equiv. | kg SO ₂ -Equiv. | kg PO ₄ -Equiv. | kg Sb-Equiv. | MJ |





MATERIAL CONTENT

Material content measured to 1%.

| COMPONENT | MATERIAL | AVAILABILITY | MASS% | ORIGIN |
|-----------|---------------------------------------|--|-------|--------|
| | Polyvinyl Chloride (PVC) | Fossil resource, limited | 25.8 | US |
| | Aluminum | Non-renewable resource, limited | 70.3 | US |
| | Acrylonitrile butadiene styrene (ABS) | Fossil resource, limited | 2.8 | US |
| | Adhesive | Mixed non-renewable resources, limited | 1.1 | US |
| | | | | |
| | | | | |

ADDITIONAL ENVIRONMENTAL INFORMATION

| | |
|--------------------------------|------|
| PRE-CONSUMER RECYCLED CONTENT | 64 % |
| 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 |
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| 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

