

Environmental Self Declaration

according to ISO 14021 (Type II)



For the functional unit:

Basic enclosure AX, stainless steel

the result of the life cycle analysis according to DIN EN ISO 14040 and DIN EN ISO 14044:

Art.No.	CO ₂ eq-Footprint / FU (GWP 100) [kg CO ₂ e/FU]
	A1 - A3
1003.000	26,130
1005.000	29,883
1006.000	33,832
1007.000	51,564
1008.000	48,348
1009.000	48,749
1010.000	67,960
1011.000	29,354
1012.000	96,150
1013.000	63,604
1014.000	134,546
1015.000	41,972
1016.000	172,684
1017.000	200,031
1018.000	209,293
1019.000	242,978
1302.000	33,710
1303.000	38,076
1304.000	74,802
1305.000	242,978

Life cycle phase:

A1: Provision of raw materials
 A2: Transport to manufacturer
 A3: Manufacturing
 A4: Transport to customer
 A5: Installation

C1: Deconstruction, demolition
 C2: Transport to waste center
 C3: Waste management
 C4: Disposal, depositing
 D: Recycling, Benefits

- The life cycle assessment (LCA) was carried out in accordance with the general principles of DIN EN ISO 14040 and DIN EN ISO 14044, using RITTAL-specific data and supplier data. The results may change once updated data, improved methods from life-cycle databases, and improvements in the manufacturing process become available.
- The system boundaries considered were “cradle to gate” including life cycle phases A1–A3.
- This is a manufacturer’s declaration; no third-party verification has been conducted.

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Legal Notice

This document constitutes a self-declared environmental claim in accordance with ISO 14021: “Environmental labels and declarations – Self-declared environmental claims (Type II)”. The environmental information contained herein is provided by the manufacturer and is not externally verified.

The underlying environmental data have been developed based on a life cycle assessment (LCA) performed in accordance with ISO 14040 and ISO 14044. Additionally, the assessment methodology considers relevant principles from EN 50693 for electronic and electrotechnical products, where applicable.

Scope and System Boundaries: The calculation includes the life cycle phases defined in the supplier declaration. Deviations or limitations (e.g., exclusion of certain phases or data gaps) are transparently presented in the declaration.

Data Sources and Assumptions: The data used comes from publicly accessible databases, supplier information, and internal operational data. Despite careful selection, no guarantee can be given for complete accuracy, timeliness, or completeness.

Disclaimer: This statement is a voluntary, non-verified supplier declaration and is for information purposes only. It does not claim external certification or third-party verification. Liability for damages arising from the use of or reliance on this information is excluded.

Rittal GmbH & Co. KG
Auf dem Stützelberg
D-35745 Herborn