

Environmental Product Declaration

Type II according DIN EN ISO 14021



For the functional unit:

Punched section with mounting flange, 23 x 64 mm for VX, VX IT, VX SE, AX plastic

the result of the life cycle analysis according to DIN EN ISO 14040/44 and DIN EN ISO 14021:

Art.No.	CO ₂ eq-Footprint / FU (GWP 100) [kg CO ₂ e/FU]	
	A1 - A3	
	pack	piece
8617.100	5,72	1,43
8617.110	8,39	2,10
8617.120	10,80	2,70
8617.130	12,90	3,23
8617.140	17,61	4,40
8617.150	21,96	5,49
8617.160	26,59	6,65
8617.170	31,04	7,76
8617.180	35,65	8,91
8617.190	40,25	10,06
8617.200	44,86	11,21
8617.210	49,46	12,37

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 14040/44 and DIN EN ISO 14021, 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.

PRODUCT CARBON FOOTPRINT DECLARATION



Legal Notice

This Product Carbon Footprint (PCF) statement has been prepared in accordance with the standard EN ISO 14021:2021, which defines requirements for Type II environmental labels (self-declared environmental claims). The information is based on internal calculations and data sources that have been selected and applied to the best of our knowledge and belief. The calculation methodology is based on recognized standards for greenhouse gas accounting of products, particularly ISO 14067 and the GHG Protocol Product Standard, as far as compatible with EN ISO 14021.

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.

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