

PRODUCT CARBON FOOTPRINT VERIFICATION STATEMENT

IKO INSULATIONS

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Organisation

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Verification procedure

The verification for the ALU PURE 100 mm and ATELIA 100 mm was performed by Vinçotte in accordance with the requirements of the ISO 14067 and EN 16783.

Verified amount

The following product carbon footprints were verified:

- ALU PURE 100 mm
- ATELIA 100 mm

The verified amounts of the product carbon footprint (per functional unit) for the ALU PURE 100 mm are:

- GWP total kg CO₂ eq: 9,95 kg CO₂ eq
- Bio-based materials (%): 0 %
- Biogenic carbon content in declared product (%): 0 %

The verified amounts of the product carbon footprint (per functional unit) for the ATELIA 100 mm are:

- GWP total kg CO₂ eq: 4,06 kg CO₂ eq
- Bio-based materials (%): 57,1 %
- Biogenic carbon content in declared product (%): 41,1 %

The LCA results are summarized in Table 1*.

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User of the GHG-assertion

Internal and external stakeholders

Level of assurance

Limited assurance

Objectives, scope and criteria:

Vinçotte performed on behalf of IKO Insulations an independent limited assurance of the product carbon footprints of the ALU PURE 100 mm and the ATELIA 100 mm.

The activities and processes taken into account for the product carbon footprint were the life cycle stages for a cradle-to-gate.

The greenhouse gas inventory included the following life cycles stages:

- Material acquisition and pre-processing;
 - Raw materials
 - Other inputs
 - Transport
- Production
 - Energy consumption
 - waste generation
- Transport, distribution and storage
- Packaging
- End-of-life

The greenhouse gasses included were: CO₂, CH₄, N₂O, HFC's, PFC's, SF₆. All data are based on production data with reference year 2021.

The verification consisted of an independent review of the secondary data, the emission factors and the greenhouse gas calculations. The goal was to verify if the data and the results of the product carbon footprint calculations were complete, reliable, transparent, accurate and free of material errors or omissions.

Conclusion

On behalf of IKO Insulations, Vinçotte has verified the product carbon footprints of the ALU PURE 100 mm and ATELIA 100 mm to a level of limited assurance.

The product carbon footprints were prepared according to the requirements ISO 14067 and EN 16783. Based on the process and procedures conducted, there is no evidence that the GHG statement:

- Is not materially correct and is not a fair representation of GHG data and information.
- Has not been prepared in accordance with the requirements of the ISO 14067 and EN 16783.

Based on the verified results of the product carbon footprints, Vinçotte verifies that the carbon footprint reduction of ATELIA 100 mm compared to ALU PURE 100 mm is 59,2%.

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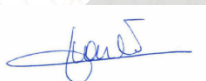
Table 1: verified amounts ALU PURE 100 mm and ATELIA 100 mm

	ALU PURE 100 mm	ATELIA 100 mm
Declared unit	1m ²	1m ²
Declared unit mass	3,11 kg	3,11 kg
GWP-fossil, A1-A3 (kg CO ₂ eq)	9,97	8,01
GWP-total, A1-A3 (kgCO ₂ eq)	9,95	4,06
Secondary material, input (%)	0,137	0,137
Secondary material, output (%)	0,0	0,0
Total energy used, A1-A3 (kWh)	56,5	24,8
Total water use, A1-A3 (m ³ e)	2,50	0,823

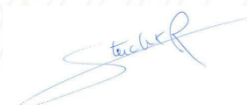
Declaration of independence

The verification was carried out by Vinçotte as an independent third party.

On behalf of Vinçotte,
26/3/2024



Josephine Carlé
Project Engineer sustainability and environment



Ramses Sterckx
Lead Contract Engineer

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