

CERTIFICATE

CARBON FOOTPRINT - PRODUCT

A comprehensive CO₂e (carbon dioxide equivalent) footprint was calculated for the full life cycle for one pallet of 800 Lowie Bricks, produced by Lowie Bricks (Belgium).

What did we investigate?

The calculation of the Product Carbon Footprint of one pallet Lowie Bricks, consisting of 800 bricks which do not longer rely on energy intensive high temperature furnacing.

How did we investigate this?

The product carbon footprint was calculated according to the GHG Protocol Product Life Cycle Standard.

Based on the principles of a Life Cycle Assessment according to the Cradle-to-grave.

- All elements of the life cycle of the product have been taken into account.
- Calculations were made based on direct usage data from Lowie Bricks.
- Estimates and approximations were made based on scientific literature study and the international EcolInvent database.

Investigators result:

The calculations are made for 1 pallet of 800 Lowie Bricks, which are characterized by their high carbonation rate in the use stage:

- Total (including CO₂e uptake): **82,19 kg CO₂e/pallet**

Investigation period:

28/04/2023 – 31/01/2024

LOWIE
BRICKS



Awarded on January 31th 2024 by

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