

Certificate of conformity

The methodology of the software tool for determining product carbon footprints in relation to 1 t of product was validated. The methodology was developed by the organisation

Hansen & Rosenthal GmbH & Co. KG

at the location Am Sandtorkai 64, Hamburg 20457

with the status as of 01.02.2022 in accordance with the requirements of the standard:

DIN EN ISO 14067

June 2019

The validation was carried out in accordance with the requirements of ISO 14064-3:2019-04.

The balancing tool "HUR-SOP-IMS-38 – PCF Rechner" in the version of 01.02.2022 fulfils all requirements for the balancing system and determination of greenhouse gas relevant information according to DIN EN ISO 14067 for the calculation of a complete product carbon footprint along the product life cycle from raw material extraction to prefabrication, production, storage, distribution and sales. Emission factors used for the calculation were taken from published information or credible sources. The balancing methodology was checked for suitability and plausibility.

The focus of the validation was on the overarching data collection, processing, calculation and allocation in the determination methodology of the greenhouse gas-relevant information for the individual product groups.

The determination of the specific product carbon footprints and the correct application of the determination methodology is the responsibility of Hansen & Rosenthal GmbH & Co. KG.

The basis of the certificate is the test report with the number C-21-24153.

Berlin, 1st of February, 2022



Prof. Dr.-Ing. Jan Uwe Lieback
Managing Director



David Kroll
Technical Manager Carbon Footprints
of the Verification Body



No. C-21-24153