

Kalundborg
Denmark
20th October 2023

Gronseddt Technology Group is now GHG (Green house gas) / (PCF) Product carbon footprint certified as per ISO 14064-3 using ISO 14076 requirements as manufacturing unit and basis functional unit for various materials used.

Gronseddt Technology including the 2 global brands GTBUILD and GTINDUSTRY has reached another significant milestone by achieving the ISO 14064-3:2019 certification in reporting of its greenhouse emissions for its manufacturing sites.

ISO 14064-3 is the third part of the multi-series on GHGs and specifies principles and requirements and provides guidance for verifying and validating GHG statements. ISO 14064-3 applies to organization, project and product GHG statements.

Gronseddt Technology got the certificate for its 2022/2023 annual carbon footprint, and its ongoing efforts to minimise its environmental impact.

Ti Testing and Certification Group Co., Ltd. employing more than 2000 staff and with 20 laboratories carried out the independent third-party verification, according to the requirements of ISO 14064-3 which specifies guidelines for the validation and verification of greenhouse gas emissions.

Gronseddt Technology underwent a stringent process to verify its annual 2022/2023 carbon footprint according to ISO14076 which specifies the principles, requirements and guidelines for the quantification and reporting of the carbon footprint of a product (PCF) and is consistent with life cycle assessment (LCA) Standards (ISO 14040 and ISO 14044).

This Standard contributes to the UN Sustainable Development Goal 13 on Climate Change.

The report discloses both direct and indirect sources of emission, including raw materials, electricity, water, packing materials, fuel consumption, upstream and downstream transport, company-fleet fuel usage etc.

Functional unit certificates were made for aluminium, zinc, steel with Zn coating and stainless-steel based building materials and industrial components sold under the brands GTBUILD and GTINDUSTRY.



Lars Bo Grønsedt
CEO
Gronseddt Technology



Product Carbon Footprint Verification Statement

Verification Statement No.: TIPCF202306049

Verification Report No.: RepPCF202306049

Base on the ISO 14064-3:2019, the verification procedures have been conducted by Ti Certification (Shanghai) Co., Ltd. confirm:

License Holder: **Gronsed Technology (Taicang) Co., Ltd.**

- Address: Shaxi Science and Technology Park, Shaxi Town, Taicang City, Jiangsu Province, P.R.China

Manufacturer: **Gronsed Technology (Taicang) Co., Ltd.**

- Production Address: No.783, South Yinxi Road, Shaxi Science and Technology Park, Shaxi Town, Taicang City, Jiangsu Province, P.R.China

- No.101, South Yard Road, Shaxi Science and Technology Park, Shaxi Town, Taicang City, Jiangsu Province, P.R.China

has been verified in meeting with the following requirements:

- Standards: ISO 14067:2018
- Product Category Rules: N/A

Product System Boundary: Cradle to Gate

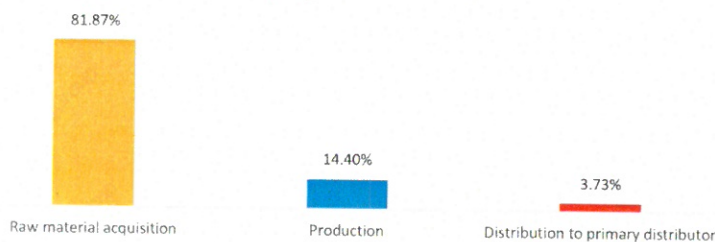
Time period for data collection: from 1st June 2022 to 31st May 2023

Product Name/ Drawing No./ Functional Unit: GTBUILD - Titanium zinc plate / Titanium zinc profiles for roof and façade plates with different surface treatments, including natural titanium zinc or surface treated titanium zinc in various color and patina look / 1 kilogram

Life Cycle Assessment Software: ■ SimaPro 9.4.0.1

Carbon Footprint per Functional Unit (kg CO₂e): 3.54

Carbon Emission Ratio of Each Stage of the Product:



(This Verification Statement and the Carbon Footprint of Production Verification Report issued by Ti Certification (Shanghai) Co., Ltd. shall be used at the same time.)

Date of issue: 30th June 2023

The ownership of this certificate belongs to Ti Certification (Shanghai) Co., Ltd. and is based on contract terms. The information of this certificate can be found on our website, www.titcgroup.com, and on the official website of the National Certification and Accreditation Administration, www.cnca.gov.cn.


Signed by

Certifying Authority: Ti Certification (Shanghai) Co., Ltd.

CNCA Approval No.: CNCA-R-2017-331

Add.: 7th Floor, No.767, Changshou Road, Shanghai

Mail: contact.cbe@titcgroup.com

Name	Type	Details	Vægt gram	Co2 -e kg
TPZ01001	Tag&Mur profil 1M -ZINK	Skotrende 6" Dobbelt ZINK	1.859	6,58
TPZ01011	Tag&Mur profil 1M -ZINK	Skotrende laske enkelt	25	0,09
TPZ01012	Tag&Mur profil 1M -ZINK	Blindfals dobbelt	51	0,18
TPZ01021	Tag&Mur profil 1M -ZINK	Skotrendefod ZINK	459	1,62
TPZ01034	Tag&Mur profil 1M -ZINK	Enkelt skotrende 40CM luksus ZINK	3.800	13,45
TPZ02004	Tag&Mur profil 1M -ZINK	Tagfod 100mm u. Asfalt ZINK	742	2,62
TPZ02013	Tag&Mur profil 1M -ZINK	Murkrone ZINK	385	1,36
TPZ03005	Tag&Mur profil 1M -ZINK	Vindskede 100mm m. Asfalt ZINK	932	3,30
TPZ04003	Tag&Mur profil 1M -ZINK	Stern kapsel 26mm lige ZINK	454	1,61
TPZ04004	Tag&Mur profil 1M -ZINK	Stern kapsel 36mm lige ZINK	501	1,77
TPZ04005	Tag&Mur profil 1M -ZINK	Stern kapsel 110mm lige ZINK	843	2,99
TPZ06001	Tag&Mur profil 1M -ZINK	Stern kapsel 65 ZINK	612	2,17
TPZ06002	Tag&Mur profil 1M -ZINK	Stern kapsel 95 ZINK	751	2,66
TPZ08001	Tag&Mur profil 1M -ZINK	Universalkapsel	751	2,66
TPZ09002	Tag&Mur profil 1M -ZINK	Z-profil 14 mm ZINK	361	1,28
TPZ09003	Tag&Mur profil 1M -ZINK	Z-profil 28 mm ZINK	426	1,51
TPZ09004	Tag&Mur profil 1M -ZINK	Facadeinddækning ZINK	593	2,10
TPZ11004	Tag&Mur profil 1M -ZINK	Løskant ZINK	533	1,89
TPZ12001	Tag&Mur profil 1M -ZINK	Sålbænk 60 ZINK	575	2,03
TPZ12002	Tag&Mur profil 1M -ZINK	Sålbænk 90 ZINK	709	2,51
TPZ20020	Sternsystem ZINK	Sternplade 200 mm x 500mm x 26 mm	570	2,02
TPZ20025	Sternsystem ZINK	Sternplade 250 mm x 500mm x 26 mm	686	2,43
TPZ20035	Sternsystem ZINK	Sternplade 350 mm x 500mm x 26 mm	918	3,25
TPZ20050	Sternsystem ZINK	Sternplade 500 mm x 500mm x 26 mm	1.266	4,48
TPZ21001	Sternsystem ZINK	Multifals 500 mm	236	0,84
TPZ21002	Sternsystem ZINK	90 fals 500 mm	475	1,68
TPZ21003	Sternsystem ZINK	270 fals 500 mm	380	1,35
TPZ21004	Sternsystem ZINK	Stop fals 500 mm	297	1,05