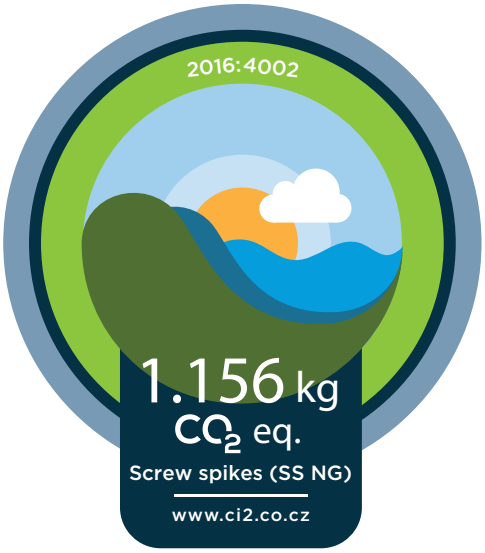
www.ci2.co.cz



PRODUCT CARBON FOOTPRINT

CARBON FOOTPRINT OF A PRODUCT (CPF) IS A SUM OF GREENHOUSE GAS EMISSIONS AND REMOVALS IN A PRODUCT SYSTEM EXPRESSED AS CO_2E EQUIVALENTS (CO_2E) AND BASED ON A LIFE CYCLE ASSESSMENT USING THE SINGLE IMPACT CATEGORY OF CLIMATE CHANGE. GREEN HOUSE GASES GHGS ARE EMITTED AND REMOVED THROUGHOUT THE LIFE CYCLE OF A PRODUCT (I.E. CRADLE-TO-GRAVE) FROM RAW MATERIAL ACQUISITION THROUGH PRODUCTION, USE AND END-OF-LIFE TREATMENT.
CARBON FOOTPRINT CALCULATION IS IN ACCORDANCE WITH TECHNICAL SPECIFICATION OF CPF GIVEN BY ISO NORM 14067:2013.

Šroubárna Kyjov, spol. s r.o.

COMPANY

Product Carbon Footprint of Screw spikes (SS NG)

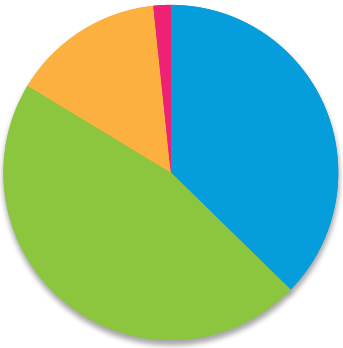
PRODUKT/AREA

2016
YEAR OF CALCULATION

0.618 kg/piece
UNIT

RESULT

	Kg CO_2e	
Raw materials incl. transport	0.431	37.3%
Steel making	0.536	46.3%
Screw manufacturing	0.170	14.7%
Dispatching to client	0.019	1.7%



Screw spikes (SS NG) are produced by Šroubárna Kyjov, spol. s r.o. Cradle-to-client methodology of Carbon footprint of a product (CFP) was used. Use and end-of-life pheses were not incorporated. Total CFP is dominated by production of the main material – steel in Třinecké železárny, a. s. (46% of total CFP). Mining and processing of raw materials (iron ore in Ukraine, coal and limestone in the Czech Republic) add significant part of total CFP – 37%. Manufacturing of Screw spikes in Šroubárna Kyjov has only minor effect to overall CFP – 15%. Transport in all stages of life cycle produces only minor part of total product green house gases emissions.

DESCRIPTION

1.156 kg CO_2e
TOTAL

Not determined
DETERMINATION OF TREND

12. 09. 2016
DATE

Praha
PLACE

Cl2, o.p.s.
Ke Skolce 1319/5
252 19 Rudná
SIGNATURE