



PRODUCT CARBON FOOTPRINT

CARBON FOOTPRINT OF A PRODUCT (CPF) IS A SUM OF GREENHOUSE GAS EMISSIONS AND REMOVALS IN A PRODUCT SYSTEM EXPRESSED AS CO₂e EQUIVALENTS (CO₂e) 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.

O.R.I. MARTIN S.p.A.

COMPANY

BARRE BONIFICATE / QUENCHED AND TEMPERED STEEL BARS

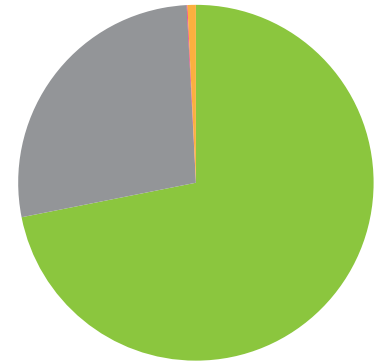
PRODUCT/AREA

2017
YEAR OF
VERIFICATION

ton
UNIT

RESULT

	t CO ₂ e	
Raw material production	0.765	71.9%
Production activity	0.290	27.3%
Internal transport	0.001	0.1%
Final transport	0.008	0.8%



1,064 t CO₂e

TOTAL

Not determined

DETERMINATION OF TREND

CFP was analysed by external expert company - Bartucci S.p.A. Materiality of calculation and accordance with ISO norm was verified by CI2. The aim of this certificate is to provide confidence that reported information on footprint represent a faithful, true and fair account of associated GHG emissions. Cradle-to-delivery (to client or intermodal hub) methodology of CPF was employed in assessment. Raw material production (i. e. carbon footprint of hot rolled steel bars without transport) represents the most impact of all stages of the LCA of given product (71.9%). Production activity in ORI Martin is the second most important part (27.3%).

DESCRIPTION

27. 11. 2017

DATE

Rudná

PLACE



SIGNATURE