

Product Carbon Footprint



Customer name:

Order number: 1427136506
Delivery number: 2442952959
Item number: 900001
Batch number: 105550123
Date of delivery: 2025-04-16
Product: CS S235 UNP 320 RC AZ1 HL 18,1 M
Weight: 5.5205 metric tons



Total emissions: 15.1067 tCO₂e
Emission intensity: 2.7367 tCO₂e/t



Emissions by Life Cycle Stage

Upstream: 14.6070 tCO₂e
Supplier Delivery: 0.3830 tCO₂e
Processing & Warehousing: 0.0377 tCO₂e
Customer Delivery: 0.0790 tCO₂e



This declaration serves to attest that thyssenkrupp Materials Services has determined the Product Carbon Footprint (PCF) of the materials purchased by _____ at the date stated above in accordance with the Greenhouse Gas Protocol for Product Life Cycle and Reporting Standard. Greenhouse Gas Accounting over the Product Life Cycle is a subset of life cycle assessments (LCA), which aims to consider environmental aspects and to quantify potential impacts on the environment throughout the life cycle of a product, from raw material extraction to end-of-life waste treatment.

thyssenkrupp Materials Services follows a cradle-to-gate approach to calculate the emissions of products as accurately as possible based on all available information and using supplier specific information or default data: From the supply of respective upstream materials to transportation to the customer.

In a limited assurance engagement, DNV validated the robustness of the methodology and tools applied by thyssenkrupp Materials Services Western Europe and Eastern Europe organizations to calculate product carbon intensities and issue product carbon intensity reports to customers. DNV have expressly not verified specific values applied within the greenability PCF Tool, values provided by CarbonChain or other third-parties, nor values presented in reports issued to customers, unless stated otherwise in DNV's full Assurance Report which can be accessed via the QR code.

2025-03-10

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Chairman of the Supervisory Board: Dr. Jens Schulte

Executive Board: Ilse Henne (CEO), Dr. Marc Schlette, Daniel Wodera

