

# CERTIFICATE

## CO<sub>2</sub>-Footprint 2024

according to DIN EN ISO 14067:2018 - Carbon footprint of products - Requirements and guidelines for quantification

The respective CO<sub>2</sub>-Footprint was verified by TÜV NORD CERT GmbH in accordance with DIN EN ISO 14064-3: 2020 regarding its correctness and completeness for

**thyssenkrupp Steel Europe AG**  
**Kaiser-Wilhelm-Straße 100**  
**47166 Duisburg**  
**Germany**



**with the product „steel products“**

As an independent Certification Body TÜV NORD CERT GmbH confirms the carbon footprint of the of **steel products** for the reporting period **01.01.2024 - 31.12.2024**.

The level of assurance is limited. The calculation of the carbon footprint was carried out within the system boundary Cradle-to-Gate. The carbon footprint includes following life-cycle stages raw material extraction and production.

TÜV NORD CERT GmbH, in its function as an independent certification body, confirms that the responsible organization thyssenkrupp Steel Europe AG has developed an appropriate methodology to assess the Product Carbon Footprint of:

**Steel products within the system boundary Cradle-to-Gate**

in accordance with ISO 14067:2019 Appendix C.

The degree of safety is limited.

This test statement is only valid for the specified area of application and assumes the objectives and criteria for the assessment as well as the conclusions of the test by TÜV Nord Cert (see test report).

Certificate Registration No. 44 676 242216

Audit Report No. 3540 6453

A handwritten signature in blue ink that reads "Dawroth".

Certification Body  
at TÜV NORD CERT GmbH

Essen, 2025-09-10

# ANNEX

to Certificate Registration No. 44 676 242216

for the Carbon Footprint 2023 as per

DIN EN ISO 14067:2019 - Carbon footprint of products - Requirements and guidelines for quantification

**thyssenkrupp Steel Europe AG**  
**Kaiser-Wilhelm-Straße 100**  
**47166 Duisburg**  
**Germany**



Certificate Registration No.	Location	Product Product Group Product Carbon Footprint
44 676 242216-001	thyssenkrupp Steel Europe AG Kaiser-Wilhelm-Str. 100 47166 Duisburg Germany	Hot Rolled Coil Steel Products 2.05 kg CO <sub>2</sub> e per kg
44 676 242216-002	thyssenkrupp Steel Europe AG Kaiser-Wilhelm-Str. 100 47166 Duisburg Germany	Pickled Hot Rolled Coil Steel Products 2.11 kg CO <sub>2</sub> e per kg
44 676 242216-003	thyssenkrupp Steel Europe AG Kaiser-Wilhelm-Str. 100 47166 Duisburg Germany	Cold Rolled Coil Steel Products 2.17 kg CO <sub>2</sub> e per kg
44 676 242216-004	thyssenkrupp Steel Europe AG Kaiser-Wilhelm-Str. 100 47166 Duisburg Germany	Annealed Cold Rolled Coil Steel Products 2.26 kg CO <sub>2</sub> e per kg
44 676 242216-005	thyssenkrupp Steel Europe AG Kaiser-Wilhelm-Str. 100 47166 Duisburg Germany	Hot Dip Galvanized Coil (Z) Steel Products 2.35 kg CO <sub>2</sub> e per kg

# ANNEX

to Certificate Registration No. 44 676 242216

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Certificate Registration No.	Location	Product Product Group Product Carbon Footprint
44 676 242216-006	thyssenkrupp Steel Europe AG Kaiser-Wilhelm-Str. 100 47166 Duisburg Germany	Hot Dip Coated Coil (ZM) Steel Products 2.47 kg CO <sub>2</sub> e per kg
44 676 242216-007	thyssenkrupp Steel Europe AG Kaiser-Wilhelm-Str. 100 47166 Duisburg Germany	Hot Dip Coated Coil (AS) Steel Products 2.43 kg CO <sub>2</sub> e per kg
44 676 242216-008	thyssenkrupp Steel Europe AG Kaiser-Wilhelm-Str. 100 47166 Duisburg Germany	Hot Dip Coated Coil (ZA-Galfan) Steel Products 2.53 kg CO <sub>2</sub> e per kg
44 676 242216-009	thyssenkrupp Steel Europe AG Kaiser-Wilhelm-Str. 100 47166 Duisburg Germany	Elektrogalvanized Coil Steel Products 2.54 kg CO <sub>2</sub> e per kg
44 676 242216-010	thyssenkrupp Steel Europe AG Kaiser-Wilhelm-Str. 100 47166 Duisburg Germany	Organic Coated Coil Steel Products 2.66 kg CO <sub>2</sub> e per kg

End of the List



Certification Body  
at TÜV NORD CERT GmbH

Essen, 2025-09-10