



greentec steel Edition

Sustainable voestalpine premium quality with a reduced carbon footprint

Up to ten percent of the carbon emissions at the Linz site are avoided through process-optimized operation in the production of the greentec steel Edition.

Using an allocation model, these saved emissions are allocated to the flat steel products supplied by the voestalpine Steel Division.

The material and processing properties of the steel are not affected by the carbon-reduced production route.

Each high-quality voestalpine steel strip product is available with a reduced carbon footprint and its unique profile of benefits.

Convincing advantages

- » Reduced product carbon footprint through real CO₂ savings
- » Reduced Scope 3 emissions at the customer
- » Transparency through an independently-validated allocation model
- » Unchanged range of grades and dimensions in proven voestalpine premium quality
- » No change in material and processing properties because the chemical analysis and mechanical profiles remain unchanged

Product carbon footprint in detail

Product*	Carbon footprint or global warming potential [kg CO ₂ e per kg of steel]**	
	greentec steel Edition	greentec steel Edition 600
Hot-rolled steel strip	1.95	0.60
Cold-rolled steel strip	1.97	0.60
Hot-dip galvanized steel strip	2.13	0.60
Electrogalvanized steel strip	2.19	0.60
isovac® – semi-processed electrical steel strip	2.12	0.60
isovac® – fully processed electrical steel strip	2.30	0.60
colofer® – organic-coated steel strip	2.23	0.60
Heavy plates (excluding heads and clad plates)	2.21	0.60



* All products, dimensions and steel grades listed in each voestalpine supply range are available in the greentec steel Edition and the greentec steel Edition 600.
 ** per EN 15804+A2 (EPD methodology) cradle to gate, upon customer request also possible per world-steel CML 2001-2016 (system expansion).



More details here:
voestalpine.com/stella/en/news



Method of calculation

- Determination of carbon footprint (cradle to gate)
- » Based on EN 15804+A2 (Environmental Product Declaration, EPD)
- » Method pursuant to worldsteel CML 2001-2016 (upon request)

Real

- » Physical CO₂ savings in the steelmaking process
- » Use of purchased green electric power

Transparent

Traceable savings through CO₂ optimization measures implemented in the steelmaking process

Verified

CO₂-savings verified by external and independent agency (LRQA) based on EN-ISO 14064-2

More sustainability

- » Utilization of environmentally friendly transport modes and routes
- » Sustainable and high-precision packaging

Additional information and downloads
voestalpine.com/stella/en



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