



bluemint[®] Steel

High quality. Less CO₂.

With bluemint[®] Steel we are launching our first certified steels with reduced CO₂ intensity. The CO₂-reduced products are produced at the Duisburg site and give our customers the certainty to use high-quality steel with an improved ecobalance.

It is another important step towards a climate-neutral steel industry: Under the brands bluemint[®] pure and bluemint[®] recycled, we have added two new climate-friendly products to our portfolio since autumn 2021. The special feature: The material properties do not differ from the existing steel grades – except in their reduced specific CO₂ emissions.

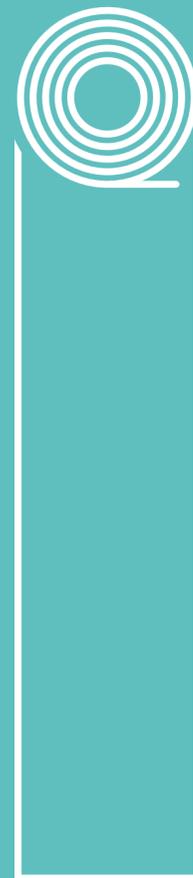


thyssenkrupp

CO₂ SAVINGS

Advantages at a glance

- bluemint[®] pure: CO₂ emissions reduced by about 1.5 tonnes (70%)
- bluemint[®] recycled: CO₂ emissions reduced by about 1.35 tonnes (64%)
- CO₂ is directly reduced at Duisburg production site
- Certificates for the respective product
- Primary steel, all qualities possible
- Directly applicable to the Scope-3 emissions of our customers



2.1 t CO₂/t

Conventional
hot strip



0.6 t CO₂/t

bluemint[®] pure

Corresponds to the
upstream impact of
conventional hot strip

By allocating CO₂ savings
to specific products



0.75 t CO₂/t

bluemint[®] recycled

By balancing an independent
scrap recycling route in
the blast furnace process



QUALITY STANDARDS

Certified quality

bluemint[®] pure and bluemint[®] recycled stand for the variety of our portfolio of grades. This means that you can rely on the continued availability of the familiar materials. In terms of material and processing properties, our two bluemint[®] Steel products fall by no means short of our existing grades. On the contrary: The high premium quality is complemented by a significant CO₂ reduction.

This is substantiated by our certificates: bluemint[®] pure is certified by the DNV and bluemint[®] recycled by TÜV SÜD.



bluemint[®] is our promise

In view of the challenges associated with climate change and the opportunities in future markets, the concept of low carbon dioxide steels is attracting the attention of many processing and end user industries. bluemint[®] pure is particularly attractive to customers who supply to end-user markets. bluemint[®] nrecycled is primarily targeted at customers for whom a high proportion of recycled material is important.

bluemint[®] – a made-up word with a meaning

blue symbolizes the power of nature, purity and our climate.

mint stands for freshness and innovation.