



ArcelorMittal



XCarb®

Towards carbon-neutral steel

XCarb®. The future is coming.

XCarb® is a pioneering program from ArcelorMittal. Its mission is to reduce and neutralize greenhouse gas emissions in the steel chain.

What are the main benefits of an XCarb® product?



TRACEABILITY,
TRANSPARENCY,
AND RELIABILITY
OF THE PRODUCT'S
ENVIRONMENTAL
INFORMATION.



ENHANCES
THE POSSIBILITY
OF OBTAINING
ENVIRONMENTAL
CERTIFICATIONS.



REDUCES
GREENHOUSE
GAS EMISSIONS
BY AROUND 68%.

ArcelorMittal 50 S XCarb[®]

The renewable and recycled rebar.



Scan the QR Code
and learn about sustainability
initiatives at ArcelorMittal.

Discover the first rebar on the Brazilian market that
guarantees a reduction in CO₂ emissions.



Manufactured on demand by
customers in a fully controlled manner,
ArcelorMittal 50 S XCarb[®] uses 100%
recycled metal scrap as raw material
in electric steelmaking processes
and 100% certified and registered
renewable energy.



This product meets the Brazilian
technical **specifications of**
ABNT NBR 7480, including mechanical,
chemical and dimensional properties,
in accordance with regulatory
performance requirements. Other
international standards can be
drawn up on request, in line with
the requirements of the country
of destination.

XCarb[®]

Recycled and renewably
produced



Steel Category	Minimum Flow Limit	Minimum Tensile Strength	Minimum Elastic Ratio	Minimum elongation after rupture at 10 Ø
	MPa	MPa	MPa	%
CA50	500	550	1.10	8

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