

Low-carbon solutions

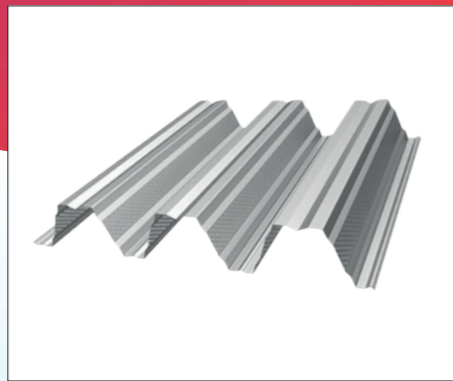
XCarb®
Recycled and renewably produced

New from ArcelorMittal Construction

XCarb® recycled and renewably produced steel drastically reduces embodied carbon in production by up to 67% for profiles and 43% for PIR sandwich panels.

Reduce embodied carbon by up to

67%



Roof deck profiles



PIR sandwich panels (roof and façade)



Lower your building's carbon footprint without lowering quality

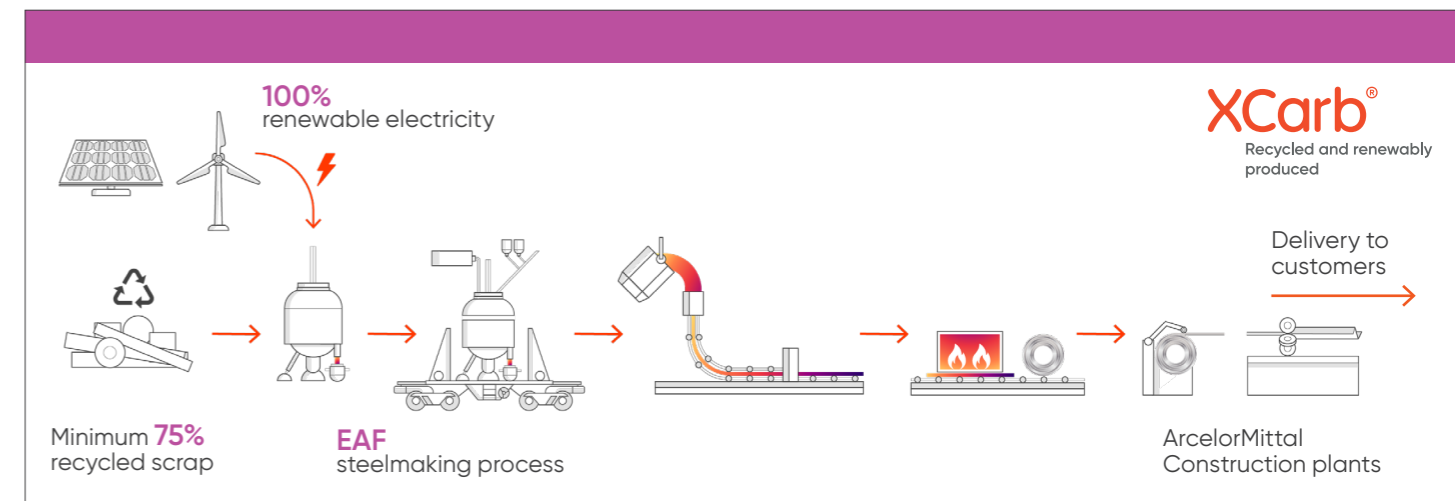
Made from our innovative XCarb® recycled and renewably produced steel, our profiles are now available with up to 67% less embodied carbon and our PIR sandwich panels offer a reduction of up to 43%.

- Demonstrate environmental performances with third-party verified Environmental Product Declarations (EPD)
- Reduce the carbon footprint of your building
- Build with products made using a high percentage of recycled materials
- Improve green building ratings, including BREEAM, LEED and DGNB
- Reduce your company's indirect scope 3 emissions

		Traditional steel ⁱ	XCarb® recycled and renewably produced steel	Savings over 2000m ²
Deck profiles	Self-weight of 8.89 kg/m ²	26 kg CO ₂ eq/m ²⁽ⁱⁱ⁾	8.47 kg CO ₂ eq/m ²⁽ⁱⁱⁱ⁾	35.1 tons of CO ₂ eq.
PIR sandwich panels	Self-weight of 11.59 kg/m ² Foam thickness: 60 mm	29 kg CO ₂ eq/m ^{2(iv)}	16.4 kg CO ₂ eq/m ^{2(v)}	25.2 tons of CO ₂ eq.

Low-carbon steel production: 100% renewable electricity and 75% recycled content

XCarb® recycled and renewably produced steel from ArcelorMittal is made in our electric arc furnace (EAF), powered by 100% renewable electricity. We use at least 75% recycled scrap and ensure full traceability of materials. The result is a far more sustainable product with no loss of quality.



- No loss in performance. Full fire, mechanical and thermal certifications available.
- Look out for additional and improved low-carbon solutions from ArcelorMittal Construction in the coming months.
- We're committed to reducing carbon emission intensity 35% by 2030.

Reduce embodied carbon on your projects. Contact ArcelorMittal Construction today.



See our **C5 Green Commitment Report** to find out more.

i All values are provided as examples and are variable depending on product, region and self-weight - ii EPD-AMC-20210146-CBB3-EN: Building steel profiles from ArcelorMittal Construction - iii SP10278: ArcelorMittal Construction deck profiles made from XCarb® recycled and renewably produced steel from ArcelorMittal - iv EPD-PPA-20180076-CBG2-EN: ArcelorMittal Construction double skin steel faced sandwich panels with a core made of polyurethane from European Association for Panels and Profiles (PPA-Europe) - v SP1091: ArcelorMittal Construction sandwich panels made from a polyurethane core and XCarb® recycled and renewably produced steel from ArcelorMittal