



ArcelorMittal

news release

ArcelorMittal Europe – Long Products launches Environmental Product Declarations for XCarb™ recycled and renewably produced range to support construction industry’s climate goals

30 July 2021 – ArcelorMittal Europe – Long Products announces that Environmental Production Declarations (EPDs) are now available for two of its low carbon products. The EPDs provide a life-cycle assessment, detailing the complete environmental footprint of steel sections, merchant bars and sheet piles, in ArcelorMittal’s recently launched XCarb™ recycled and renewably produced range.

The EPDs are issued by Germany’s Institut Bauen und Umwelt (IBU), according to international standards.

The EPDs are an addition to the strong sustainability credentials of these products. Around a quarter of sheet piles are reused up to five times, before being recycled – making them a perfect fit for the circular economy concept. In 2016, ArcelorMittal Europe – Long Products launched its EcoSheetPile AZ®-800 range, further reducing the embedded carbon footprint of sheet piles. A life cycle analysis of these sheet piles in a typical application showed that the innovative design concept has a 45% lower carbon footprint than alternative construction solutions. Similarly, the use of high-strength steel sections has the potential to reduce the embedded carbon footprint of a building by 54%; with buildings generating around 40% of global greenhouse gas emissions, choosing high-strength steel sections in construction has the potential to make a very significant impact on CO2 emissions reductions worldwide.

Speaking about the first product-specific EPDs to be offered, Olivier Vassart, CEO ArcelorMittal Steligenç®, said: “We are proud to issue the first environmental product declarations for specific XCarb™ recycled and renewably produced steel solutions that are used in construction and infrastructure, a sector which has a significant carbon footprint. Thanks to XCarb™ recycled and renewably produced, we are able to offer steel produced with a CO2 footprint as low as 0.33 per tonne of sections and merchant bars and 0.37 per tonne for the EcoSheetPile™ Plus brand. Now, with these two EPDs, we can support the construction industry to meet tougher requirements to reduce the embedded carbon footprint of buildings and infrastructure”.

ArcelorMittal’s global R&D centre in Maizières, France, and Long Products’ mills in Luxembourg and Spain are actively working together to reach ever higher standards in decarbonisation, with this latest news just one example of the work they are doing.

The environmental product declaration EcoSheetPile™ Plus is valid for steel sheet piles produced by ArcelorMittal sites Differdange and Esch-Belval in Luxembourg; and the XCarb™ Recycled and renewably produced Structural steel sections and merchant bars by ArcelorMittal Europe is valid for the sites of Belval, Differdange and Rodange in Luxembourg, and Bergara and Olaberria in Spain.

About XCarb™ recycled and renewably produced

XCarb™ recycled and renewably produced, which was launched in March 2021, is one of the first decarbonisation initiatives from ArcelorMittal Europe – Long Products, and has been designed for products made via the Electric Arc Furnace route – powered by renewable electricity – using scrap steel. Steel produced by ArcelorMittal Europe – Long Products under the XCarb™ recycled and renewably produced label is audited and certified by an independent third party.

To produce XCarb™ recycled and renewably produced steel, ArcelorMittal Europe – Long Products uses 100% scrap. All the electricity needed to transform the scrap into XCarb™ recycled and renewably produced steels comes from renewable sources such as solar and wind power. The energy is provided by suppliers who are connected to the same grid as our production sites and whose projects are recent.

Each tonne of steel produced under the XCarb™ recycled and renewably produced label has its own production certificate. The certificate guarantees that only recycled steel was used in its production, and that the electrical energy used to make the steel came from renewable sources.

Link to download the EPDs : <https://ibu-epd.com/en/published-epds/>

ENDS

About ArcelorMittal

ArcelorMittal is the world's leading steel and mining company, with a presence in 60 countries and primary steelmaking facilities in 17 countries. In 2020, ArcelorMittal had revenues of \$53.3 billion and crude steel production of 71.5 million metric tonnes, while iron ore production reached 58.0 million metric tonnes. Our goal is to help build a better world with smarter steels. Steels made using innovative processes which use less energy, emit significantly less carbon and reduce costs. Steels that are cleaner, stronger and reusable. Steels for electric vehicles and renewable energy infrastructure that will support societies as they transform through this century. With steel at our core, our inventive people and an entrepreneurial culture at heart, we will support the world in making that change. This is what we believe it takes to be the steel company of the future. ArcelorMittal is listed on the stock exchanges of New York (MT), Amsterdam (MT), Paris (MT), Luxembourg (MT) and on the Spanish stock exchanges of Barcelona, Bilbao, Madrid and Valencia (MTS).

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