



ArcelorMittal

Gent, March 2022

Dear,

Subject : LEED certification letter.

As you know, steel is 100 % recyclable. Two routes produce it :

- the BOF route (Blast Furnace/Converter) that uses the iron ore and coal for steel production; scrap-using rate is between 15 and 25 %;
- in addition, the EAF route (Electric Arc Furnace) which uses the melting of the steel scrap by means of electric energy; scrap-using rate is close to 100 %.

In general, the Blast furnace route produces the flat products, galvanized steels and painted steels. ArcelorMittal is mainly using this route for its Flat Carbon Steels in Europe.

One of the reasons is that the scrap generation in the world is still not high enough to produce all the steel needed. In 2021, the global steel production was around 1,95 billion tons and the scrap consumption was close to 0.7 Billion tons in spite of a global recycling rate higher than 80 %, showing that BOF route is mandatory to satisfy the global steel needs.

The BOF route produces the steel as well for long products as for flat products and its consumption of scrap (or steel recycled products) is limited by process constraints. In average, the recycled steel scrap is comprised between 15 and 25 %. Availability of steel scrap in the market is playing a role as arbitrator between those two figures.

In any case, you must be confident that ArcelorMittal is acting to optimize the steel recycling rate from the end of life of all steel related goods.

In addition, in the last year, Arcelormittal has announced and launched very ambitious projects with the target to reduce its CO2 emissions by 35% within the next decade in Europe, through new equipment like DRI and EAF plants and by maximizing the consumption of all ferrous scrap types available on the market.

In 2021, according to the ISO14021 standard, the material supplied by ArcelorMittal Europe Flat Products contains following recycled scrap percentages :

- 13,81 % of pre-consumer recycled scrap;
- 4,59 % of post-consumer recycled scrap;

This means that content of recycled scrap for ArcelorMittal Europe Flat Products in 2021 was 18,41 %.

I hope that this information answers your request.

Please feel free to contact us if you need more information.

Sincerely yours,

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ArcelorMittal Europe - Flat Products
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