

Health, Safety & the Environment



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Foreword

In accordance with ArcelorMittal's policy on Health, Safety and the Environment (HSE), ArcelorMittal Flat Carbon Europe has adopted the following guidelines for its product policy:

- Marketing products whose environmental impact is as low as reasonably possible
- Anticipating legal and regulatory requirements
- Helping clients to move towards HSE-friendlier processes and products and a cleaner workplace
- Promoting environmentally friendly recycling of steel
- Ensuring that product development does not involve processes that present unacceptable risks to man or the environment, at any point in the product life cycle

In particular, in accordance with these principles, ArcelorMittal Flat Carbon Europe decided on the voluntary removal of lead in hot dip galvanised steel with spangles for all our markets, effective since 1 July 2005.

Information on ArcelorMittal's flat carbon steel products

ArcelorMittal has implemented a dedicated structure to meet client requests relating to HSE products, including in particular:

- Compliance of ArcelorMittal's flat carbon products with REACH requirements on articles (candidate list issue)
- Compliance of ArcelorMittal's flat carbon products with Directive 2002/95/EC and its amendments on the Restriction of the use of certain Hazardous Substances in Electrical and Electronic Equipment
- Compliance of ArcelorMittal's flat carbon products with Directive 2000/53/EC and its amendments on end-of-life vehicles
- Suitability of products intended to come into direct contact with food
- Fire behaviour of products in accordance with Euroclasses
- Supply of Safety Data Sheet-type documents, within the spirit of REACH and European GHS (Globally Harmonised System of Classification and Labelling of Chemicals) requirements (available on our website at www.arcelormittal.com/fce under "Products & Services" > "HSE")

We can also offer training courses on HSE topics related to our products, covering the latest legislative and regulatory developments.

Compliance with the REACH Regulation EC 1907/2006

ArcelorMittal is implementing the various aspects of the REACH Regulation according to the regulatory timeframe. In particular, we are making every effort to ensure that the use of our products by our clients is correctly assessed and that all substances present in the products delivered to our clients have been properly registered. The selection process of substances to be included in the Candidate List of Substances of Very High Concern or in REACH Annex XIV is carefully monitored. We are committed to informing our clients about the presence of any such substances in our products, as provided for in this Regulation. Our Safety Data Sheets have been adapted to the new requirements laid down by REACH and the new CLP (Classification Labelling and Packaging) directive. Further updates may be made as additional information becomes available.





It has been calculated that by 2050, energy savings in construction could easily have a greater impact on global CO₂ emissions than the combined environmental efforts of the entire transport sector. As a major supplier, ArcelorMittal is determined to play a key role in the "green revolution" of the building industry.

Assistance with recycling of steel products

In most cases, steel scrap is not waste, but rather a resource for the steel industry, as steel can be recycled ad infinitum without losing its physical and chemical properties in the process.

ArcelorMittal Flat Carbon Europe can offer assistance to facilitate the implementation of recycling solutions (special steel products, collection procedure, collection agents etc).

Assistance with Life Cycle Analysis (LCA)

Providing information about LCA is an increasingly important aspect of commercial communication and product marketing. For this reason, ArcelorMittal Flat Carbon Europe can offer its clients help carrying out life-cycle studies and environmental marketing at several levels:

- Advice on eco-labelling of products
- Supplying Life Cycle Inventory (LCI) data for steel components
- Methodological assistance with LCA

Contribution of steel products to the indoor air quality of buildings

One of the main sources of indoor air pollution is emissions of Volatile Organic Compounds (VOCs), which may be due to cleaning products, wood-burning or smoking, but also to building materials or furniture. Repeated exposure is the most worrying factor in terms of public health, particularly since modern lifestyles mean that people spend 90% of their time indoors.

The authorities have assessed the scale of the problem and have taken steps to evaluate the quality of indoor air, which will lead to the introduction of regulations in a few years' time.

In order to assess the contribution of its full range of products to indoor air quality, ArcelorMittal Flat Carbon Europe has set up an independent characterisation procedure in accordance with standard EN 13419.

Contribution of ArcelorMittal's products to a clean, safe workplace

Unpacking steel products is a potentially dangerous operation. In order to share with its clients its best practices in unpacking safety, ArcelorMittal Flat Carbon Europe has liaised with its industrial sites to put together a list of safety recommendations, which can be found at www.arcelormittal.com/fce under "Products & Services" > "HSE".

ArcelorMittal Flat Carbon Europe is also seeking to achieve a cleaner workplace by offering assistance with the recycling of steel wrapping, for which more profitable solutions than incineration as ordinary waste can be found.

ArcelorMittal's environmental policy

The ArcelorMittal Group's mission is to develop, produce and sell steel in all its various forms and grades, as well as derivatives and associated products, for the benefit of its clients, while at the same time respecting the environment. Its ambition is to create added value, thanks to the intrinsic qualities of steel. Steel is the material of choice for environmental protection. Not only is it environmentally friendly; it also outperforms other materials in that it is readily recycled.

If you have any questions, please get in touch with your usual ArcelorMittal contact or send an e-mail to fce-msds@arcelormittal.com.

The principles of the ArcelorMittal Group's environmental policy are:

- Implementation of **environmental management systems** including ISO 14001 certification for all production facilities
- **Compliance** with all relevant environmental laws and regulations, and other company commitments
- **Continuous improvement** in environmental performance, taking advantage of systematic monitoring and aiming at pollution prevention
- Development, improvement and application of low impact, **environmental production methods** taking benefit of locally available raw materials
- Development and manufacture of **environmentally friendly products** focusing on their use and subsequent recycling
- Efficient use of **natural resources, energy and land**
- Management and reduction where technically and economically feasible of the **CO₂ footprint** of steel production
- **Employee commitment** and responsibility in environmental performance
- **Supplier and contractor awareness** and respect of ArcelorMittal's environmental policy
- **Open communication** and dialogue with all stakeholders affected by ArcelorMittal's operations



Thanks to the development of ever more efficient generators, wind energy has become the fastest growing power source in the world. ArcelorMittal steel is achieving an important presence in this sector, contributing to the generation of clean, inexhaustible and sustainable energy.

