



ArcelorMittal

Innovative organic coated steel for
sustainable building solutions, **N**spired by **Nature**





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Discover **Nature**, our new organic coated steel collection

Introduction

At ArcelorMittal, we truly believe in the principles of sustainable development and are fully committed to making sure that our steel contributes to the future growth of environmentally responsible construction.

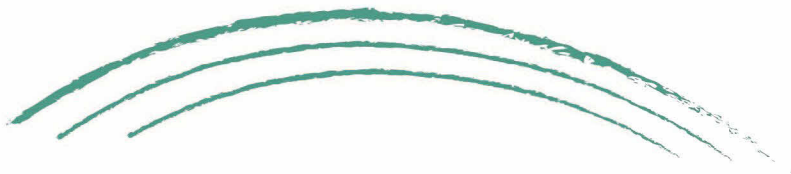
As such, ArcelorMittal has invested billions in new technologies over the past two decades, resulting in subsequent reductions in energy consumption and CO₂ emissions, a reduced life cycle impact and increased volumes of steel scrap being recycled. This long-standing commitment to sustainability has made ArcelorMittal the world's n°1 producer of recycled steel.

While we work to safeguard natural resources, we proactively search for solutions that protect the environment. ArcelorMittal is therefore able to anticipate future regulations and safety measures including the European Union's REACH regulations on the Registration, Evaluation, Authorisation and Restriction of Chemical Substances.

Our newest **Nature** collection of organic coated steels is always delivered with coatings and surface treatments **free of hexavalent chromium* and heavy metals (lead or hexavalent chromium complex)**. Such innovation – made only possible by many years of dedicated research and successful testing – further strengthens our position as a pioneer of organic coated steel coils, panels and profiles, making us the industry's leading supplier of sustainable building solutions.

By launching our **Nature** product collection of organic coated steels, we want to offer this sustainable advantage to your projects.

* Substances of Very High Concern included in the candidate list of REACH



We don't just supply steel, we provide you with the tools and **N**spiration you need to design and engineer each project.

Coil coating, a sustainable process

Organic coated steel offers exceptional economic and technological advantages and is certainly the product best placed to respond to present and future environmental regulations.

The extreme durability and versatility of organic coated steel has led to its wide use in the building industry: from wall cladding and roofing, to different innovative forms of suspended ceilings and lighting applications.

Production

Organic coated steel is produced on industrial lines that are designed to meet the most stringent environmental regulations concerning surface treatments, solvent emissions and the absence of harmful substances in the composition of the paint. Our steels already comply with standards such as ISO 14000/1 in this regard.

At ArcelorMittal, we combine our advanced coil coating technology with a selection of high-quality paint systems, guaranteeing their aesthetic appearance and long-term durability. Whatever the project or intended use for the steel, coil coating remains the most efficient and ecological process to apply long-wearing paint finishes on metallic surfaces.

Working conditions

Using organic coated steel in buildings improves conditions in the workshop as the use of solvents and the need to handle and store chemicals are eliminated.

Guaranteed quality

All ArcelorMittal's organic coated products undergo rigorous laboratory and outdoor tests. Featuring different coatings and thicknesses, each product is exposed to different corrosion and weathering conditions (including resistance to ultraviolet light) at various natural locations around the world. Only upon completion of such evaluations and after performance checking can a new product be delivered to the end user.

As the world's leading supplier of organic coated steel coils, panels and profiles, ArcelorMittal offers its customers the benefits of its long experience of supplying building envelopes for the entire European market.



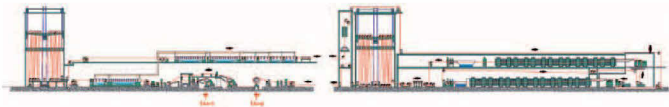
ArcelorMittal samples at natural exposure sites
• Brest, France

Benefits of a local supply

ArcelorMittal coating lines are conveniently situated throughout Europe, providing added advantages to both the customer and the environment. This close proximity offers our customers a larger and more flexible choice of products, quantities and colours while helping reduce transport costs and CO₂ emissions. ArcelorMittal Quality Managers are also available to advise and support customers.

Recycling

At the end of its life cycle, organic coated steel is 100% recyclable, just like all other steel products.



“ ArcelorMittal’s steels are attractive because they are more durable and since they come organic coated, we also save on construction time.”
Sergio Baragaño, [baragaño], Spain

Credits

Archi5/Thomas Jurion with B. Huidobro
Bessard L. Architects
A+ Architecture Agency
Sergio Baragaño, [baragaño]
A. Triaud & L. Arsene Henri Jr. Architectes associés
Patriarche & Co
Mariela Apollonio (www.fotografadearquitectura.com)
Jeroen Op de Beeck
Our steel solutions for your green building/ArcelorMittal BCS
ArcelorMittal Global R&D

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