



ArcelorMittal

# news release

## **ArcelorMittal launches new steel product for extreme climates**

**Luxembourg, 19 May 2021**

ArcelorMittal Europe – Flat Products has created a new product designed for use in extreme climates. Granite<sup>®</sup> HDXtreme is the latest pre-painted steel in ArcelorMittal's organic coated Granite<sup>®</sup> range. It has a coating system that provides high levels of protection against UV and corrosion.

The steel is designed for roofs and façades on buildings near the sea, and its performance is guaranteed for up to 40 years. Chromates and heavy metals-free, and 100% recyclable, Granite<sup>®</sup> HDXtreme is highly sustainable: it has a lower CO<sub>2</sub> footprint compared with alternative solutions such as aluminium. Customers ordering Granite<sup>®</sup> HDXtreme can also purchase XCarb<sup>™</sup> green steel certificates alongside their order of physical steel, allowing customers to report an equivalent reduction in their Scope 3 emissions.

The strength of Granite<sup>®</sup> HDXtreme comes from its 75µm three-layer coating system. Each layer performs a different but integral function. The primer layer plays a key role in corrosion protection. On top of that is a basecoat, which ensures the steel's durability and provides the final colour. The coating is finished with a layer of varnish which adds texture to the coating, increases durability and surface robustness, and enhances the UV weathering potential of Granite<sup>®</sup> HDXtreme.

### *Weathering resistance*

Granite<sup>®</sup> HDXtreme already exceeds the requirements of the latest European standards. Its exceptional UV resistance offers colour stability for many years<sup>(1)</sup>.

### *Automatic guarantees*

ArcelorMittal's extensive experience and testing, including in highly corrosive seafront locations, translates into a long-term guarantee of up to 40 years for Granite<sup>®</sup> HDXtreme. The guarantee is applicable to roofs and facades as well as the installation of rooftop photovoltaic modules.

### *Three finishes, almost 50 colours*

Created in consultation with architects and designers, Granite<sup>®</sup> HDXtreme is available in a huge palette of colours and three different finishes: satin, matt and sparkling.

Samples of Granite<sup>®</sup> HDXtreme are available through our online sample shop.

More info:

[industry.arcelormittal.com/granite](http://industry.arcelormittal.com/granite)

[constructalia.arcelormittal.com/en/products/granite-hdxtreme](http://constructalia.arcelormittal.com/en/products/granite-hdxtreme)

Footnote

- (1) Updated EN 10169 standard for continuously organic coated flat steels. Granite® HD Xtreme is also ready to pass the upcoming new RUV5 UV resistance standard when published later in 2021.

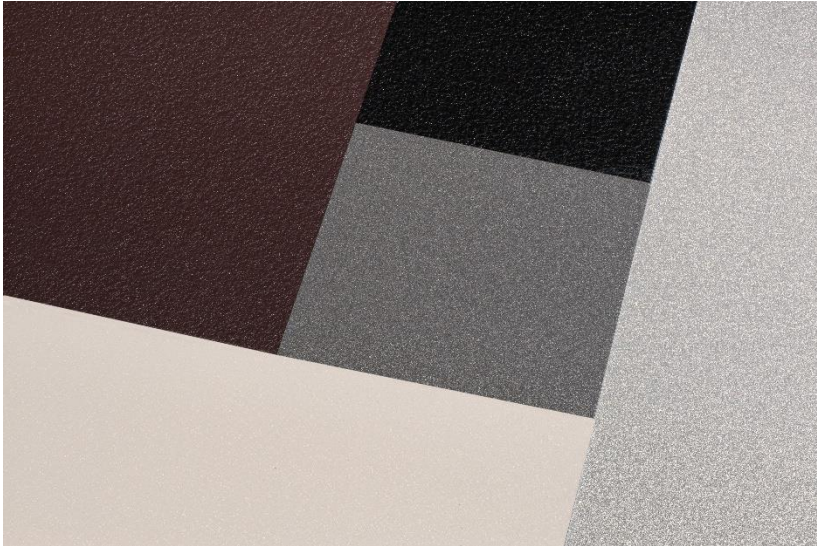


*Granite® HD Xtreme is designed for use in extreme climates.*

*[© Tom Clausen / shutterstock.com, and Philippe Vandenameele]*



*Grey aluminium and pure white satin colours combined with light aluminium from the 'sparkling' series [© Philippe Vandenameele]*



*Many combinations of colours and aspects will help design the most creative buildings. Here: Chocolate brown matt, jet black matt, dark aluminium satin, light aluminium sparkling, and pure white satin [© Philippe Vandenameele]*



*Jet-black is available in all three finishes: satin, matt and sparkling [© Philippe Vandenameele]*



*ArcelorMittal's Indi building in Gent (Belgium is the first to feature Granite® HD Xtreme [Copyright Jeroen Op de Beeck, ArcelorMittal Gent])*

## Automatic guarantee in years



*Long guarantees are available for Granite® HD Xtreme, even in marine environments [© ArcelorMittal]*

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### **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).*

*For more information about ArcelorMittal please visit: <http://corporate.arcelormittal.com/>*