



## ArcelorMittal's Magnelis® compliant with European norm EN 10346:2015

Luxembourg, 17 September 2015 - Magnelis®, ArcelorMittal's leading zinc-aluminium-magnesium coating which offers unbeatable corrosion resistance in even the harshest environments, is now recognised as compliant with the new European standard EN 10346:2015.

The European standard EN 10346, related to hot dip galvanized (HDG) products, was extended in July 2015 to include zinc-aluminium-magnesium coatings. Whenever norm compliance is a prerequisite, architects, engineers and construction companies can now propose Magnelis®. Magnelis® is the preferred material for an increasing number of applications, including solar support structures, light steel framing in construction, agricultural applications and road infrastructures.

The new norm is a tribute to the success of Magnelis®, which has proven its advantages over standard hot dip galvanized products and offers a warranty of up to 25 years depending on the applications and environments.

Magnelis®, a unique metallic steel coating composed of 93.5% zinc, 3.5% aluminium and 3% magnesium, is proven to offer up to ten times better protection against atmospheric corrosion than ordinary galvanised steel. The 3% magnesium in Magnelis is key as it leads to the creation of a stable and robust layer across the entire metal surface, providing a far more effective defence against corrosion than coatings with lower magnesium content.

In terms of cost-efficiency, Magnelis® provides the best alternative to galvanized products, as well as stainless and aluminium. Magnelis® coatings offers the possibility to drastically increase the corrosion performance or to offer with a strongly reduced coating layer the same level of corrosion resistance of standard galvanised products Magnelis® is also much better for the environment, notably demonstrating significantly reduced zinc runoff<sup>[1]</sup> into the soil.

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[1] the quantity of zinc washed from the surface by falling rainwater

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### **About ArcelorMittal**

**Europe**  
*ArcelorMittal employs more than 100,000 people and produces approximately half of its total steel volume in Europe. With a presence in 17 European countries and around 400 different sites, ArcelorMittal Europe had revenues of €35 billion and a crude steel production of 43 million tonnes in 2014. We supply flat and long steel products for all major steel markets, including the automotive, construction, packaging and household appliances industry – supported by a leading R&D and distribution network with 9 laboratories and 1,000 full-time researchers in Europe.*

**Worldwide**  
*ArcelorMittal is the world's leading steel and mining company, with a presence in 60 countries and an industrial footprint in 19 countries. Guided by a philosophy to produce safe, sustainable steel, we are the leading supplier of quality steel in the major global steel markets including automotive, construction, household appliances and packaging, with world-class research and development and outstanding distribution networks.*

*Through our core values of sustainability, quality and leadership, we operate responsibly with respect to the health, safety and wellbeing of our employees, contractors and the communities in which we operate.*

*For us, steel is the fabric of life, as it is at the heart of the modern world from railways to cars and washing machines. We are actively researching and producing steel-based technologies and solutions that make many of the products and components people use in their everyday lives more energy efficient.*

*We are one of the world's five largest producers of iron ore and metallurgical coal and our mining business is an essential part of our growth strategy. With a geographically diversified portfolio of iron ore and coal assets, we are strategically positioned to serve our network of steel plants and the external global market. While our steel operations are important customers, our supply to the external market is increasing as we grow.*

*In 2014, ArcelorMittal had revenues of US\$79.3 billion and crude steel production of 93.1 million tonnes, while own iron ore production reached 63.9 million tonnes.*

*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/>*