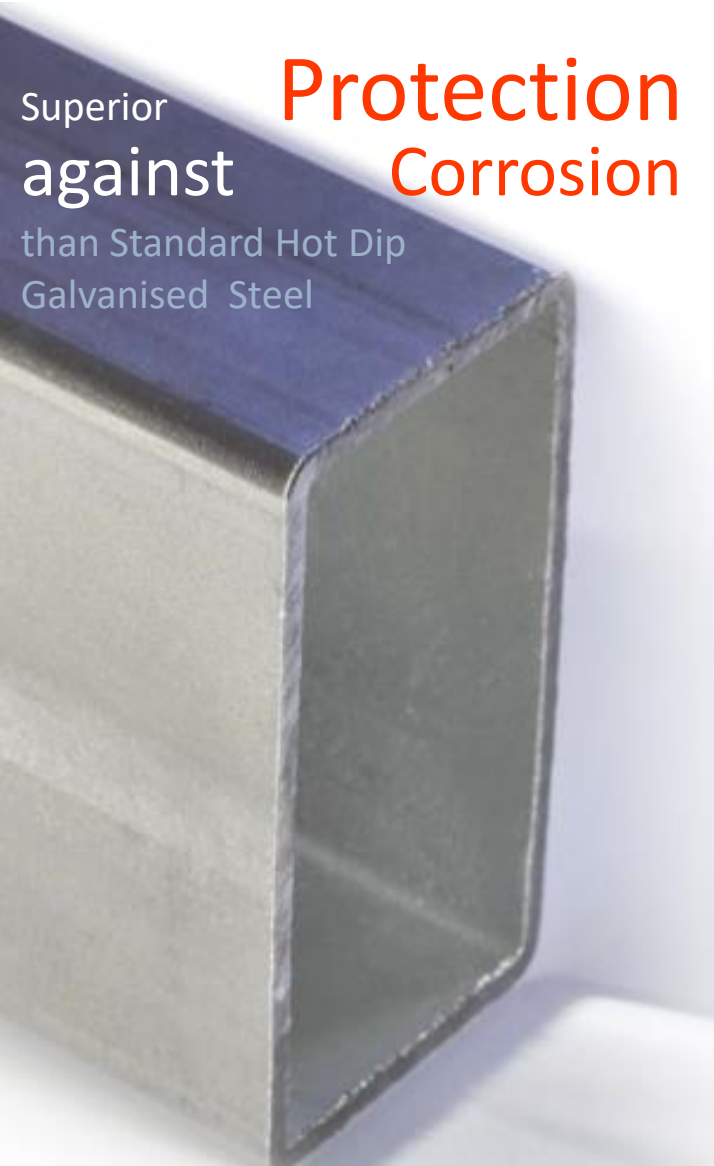
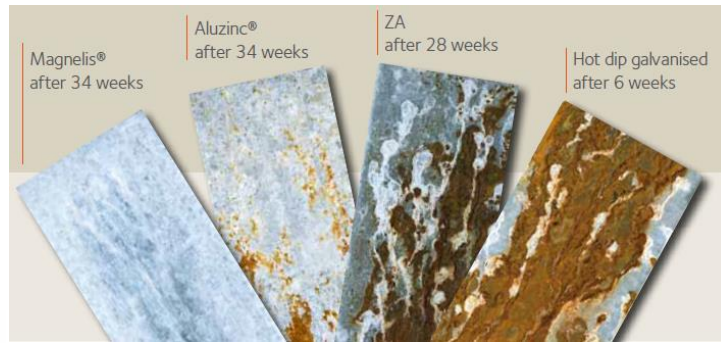


Magnelis® for Tubular Applications



Superior
against
than Standard Hot Dip Galvanised Steel

Protection Corrosion



Environmentally responsible

The application of Magnelis® ensures the preservation of natural resources since it uses less zinc than pure zinc coatings.



Magnelis® is an innovative metallic coating solution providing three times the long-term corrosion protection of current hot dip galvanised zinc coatings. The high hardness and low friction coefficient of Magnelis® coatings offers an optimum abrasion resistance, facilitates fabrication and virtually eliminates cladding on forming tools.

Outdoor exposure over different time periods of Magnelis® ZM250 with 2 mm thickness in Brest (France)
Marine category C5-M (the most severe)
Institut Français de la Corrosion

Our Offer

Round Tubes	Rectangular Hollow Sections	Square Hollow Sections	Flat-oval Hollow Sections	Oval Hollow Sections
OD 24.8 – 133 mm WT 0.8 – 5 mm	H/B 25/15 – 140/70 mm WT 0.8 – 4 mm	H/B 20/20 – 100/100 WT 0.8 – 4 mm	H/B 30/15 – 60/30 WT 0.8 – 2.00	H/B 36/18 WT 1 – 2.5

Coatings

Tubes and hollow sections are produced with several thicknesses of Magnelis® protection coating based on customer requirements.

Magnelis® Coating range	ZM70	ZM90	ZM120	ZM175	ZM200	ZM250	ZM310	ZM430
Coating Thickness (µm/per side)	4	7	10	14	16	20	25	35
Coating Weight g/m ² double sided	70	90	120	175	200	250	310	430

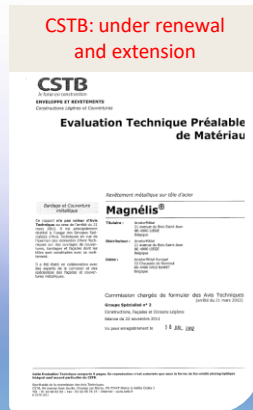
Coated Steel Grades (according to EN 10346/2015)

Steel grades of Magnelis® coated tube are optimized for use not only in the engineering and construction segments but also in the automotive industry.

Material Grades	DX51D to DX57D	S220GD to S550GD-Hyper®	HX260LAD to HX700LAD	H240
Coating	+ZM	+ZM	+ZM	+ZM

Certificates

- CSTB (France)
- DIBT (Germany)
- RISE (Sweden)



Visit our website: Industry.arcelormittal.com/market-segments/steel-for-energy/Magnelistubularapplications