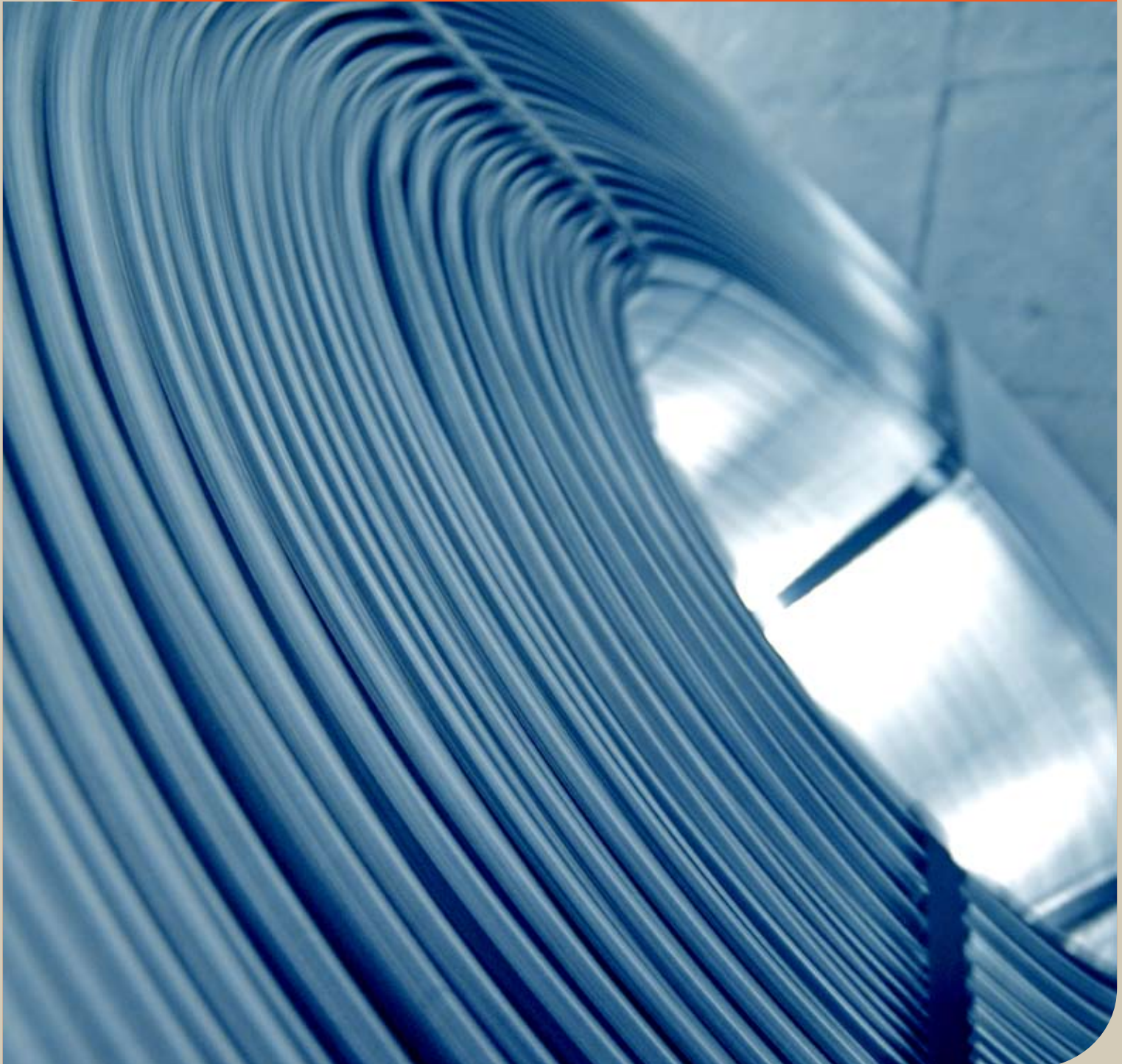


Distribution Solutions
WireSolutions



ArcelorMittal

ArcelorMittal Marnaval
Corzal®



From the leader in technical steel and wire

Corzal®

Research programmes conducted by ILZRO (International Lead and Zinc Research Organisation) have led to the development of Corzal®, a 95% Zn-5% Al alloy.

Ecological benefits

- ▶ Positive environmental impact: less waste and less transportation
- ▶ Requires a thinner coating than a galvanised wire
- ▶ The adapted thickness of its surface reduces welding smoke
- ▶ Less residue emissions

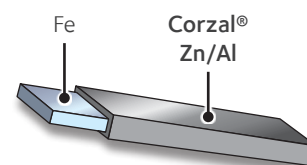
Economical benefits

- ▶ Superior corrosion resistance
- ▶ Avoids replacements and renewals, ensuring real savings in all applications
- ▶ Makes machine use easier and increases productivity

Excellent corrosion performance

- ▶ Offers a better hold in applications under thermal stress than products with zinc coatings
- ▶ Excellent level of protection against the cathodic corrosion of cut ends
- ▶ Assures total protection at welded joints, also eliminating the costly task of galvanising after welding
- ▶ Reduces water and chemical product retention and slows down the corrosion process
- ▶ Guarantees maximum flexibility without losing the protective element of the coating; folded or bent products stay completely protected against corrosion

Longlife technology



Due to its longevity, Corzal® is the most economical and ecological solution for your wire applications

Did you know?

WireSolutions is a business unit within ArcelorMittal and one of the leading companies within the wire drawing business. We have a very diversified portfolio of low and high carbon wires, cables, stranded wires, fibres for the reinforcement of concrete, fencing, nails and high anti-corrosion solutions. Our main markets are automotive, construction, energy, and the agricultural sector.

ArcelorMittal Marnaval, located eastern France, is part of WireSolutions. The plant is specialized among other in Flat and Shaped Wire. With a capacity of around 25.000 tons per year Marnaval's Flat and Shaped wires are principally used in construction and automotive. More than 70% of our production is exported worldwide.





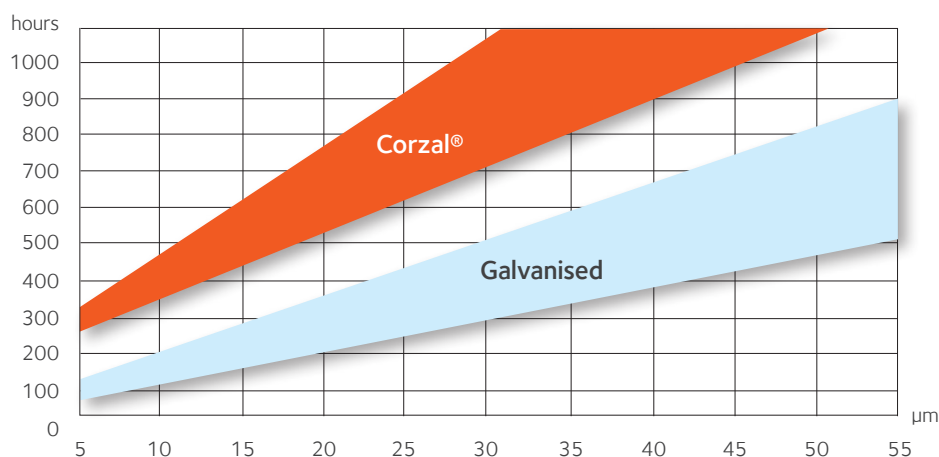
ArcelorMittal

Corzal®

Excellent corrosion resistance

Thanks to a new chemical and metallurgical technology and an adapted manufacturing process, **Corzal®** has exceptional durability characteristics.

Results of 5% salt spray test



High valued solution for industrial applications

- ▶ Armouring cables
- ▶ Automotive
- ▶ Construction

Specifications

Manufacturing program

- ▶ Dimensions from 7.00 x 2.50 to 14.00 x 4.00 mm
- ▶ Tensile strengths 740 - 900 MPa or 1000 - 1200 MPa
- ▶ Tolerance on width ± 0.05 mm
- ▶ Tolerance on thickness ± 0.03 mm
- ▶ Consult us for any additional information and specific requirement

Packaging in coils

- ▶ Internal diameter 400, 480, 550, 600 and 650 mm
- ▶ External diameter 500 to 1200 mm max.
- ▶ Width 200, 250, 300 to 400 mm
- ▶ Weight 300 to 2400 kg max.
- ▶ These characteristics may change according to the section of the wire



Sustainability Quality Leadership

Contact us for further information:

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