



**Green ECOVER® is three times more resistant to corrosion than galvanised wire**



## Description

The ECOVER® is a passivant filmogen agent based in Chromium (Cr3+) and Titanium (Ti), designed to protect the galvanised and zinc plated wire (thickness aprox.  $1 \div 3 \mu\text{m}$ ), adding an excellent resistance against corrosion.

The product used to make the ECOVER® enhances low friction properties of the wire coefficient, improving its transformation into netting.

Moreover it gives a decorative appearance. MRT® uses green colour, so the name is ECOVER®.



Class A standard UNE-EN 10244-2. "Steel wire & steel wire products. No ferric metallic recovering over steel wire. Part 2: Zinc recovering or Zinc alloy".



## Characteristics

- High superficial slipperiness that benefits the wire moulding
- Due to its easy application on galvanising lines, we can offer you a wide range of products
- Better integration with nature thanks to its colour
- Certified life extension
- The Protective Green coating applied over the Heavy Galvanised wire triples the useful life
- The long lifespan of ECOVER® and its high quality makes it a good value on the market



## The manufacturing process



Celsa steel production

Wire rod production

Wire rod drawing

Wire galvanising

Ecover® application

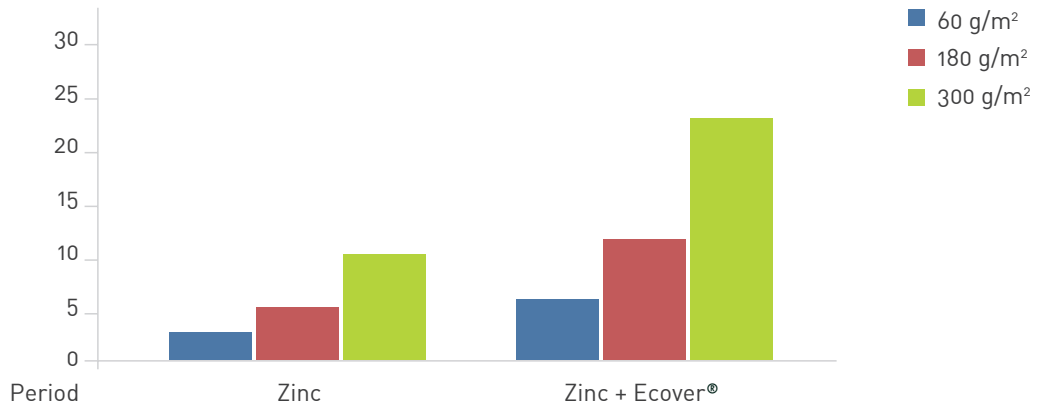
Finish products



## Kesternich test

According to specification UNE - EN ISO 3231

Medium resistance in periods of Kesternich tests (until 5% red corrosion). This test simulates acid rain conditions in a saturated atmosphere with sulphur dioxide under high humidity conditions in order to evaluate the oxidation and corrosion.



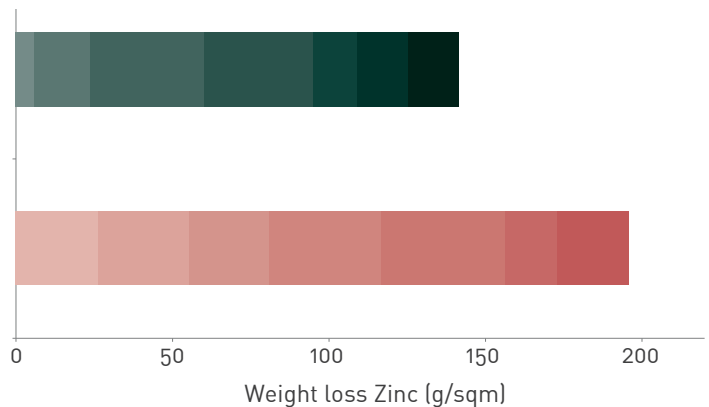
## Exposure time in salt fog chamber

According to specification ISO 9227

Weight Loss Zinc Heavy Galvanised wire and Heavy Galvanised Wire + Ecover® after 600 hours in Salt Fog Chamber.

Heavy Galvanised + ECOVER®  
(Between 200 and 300 g/sqm Zinc + ECOVER®)

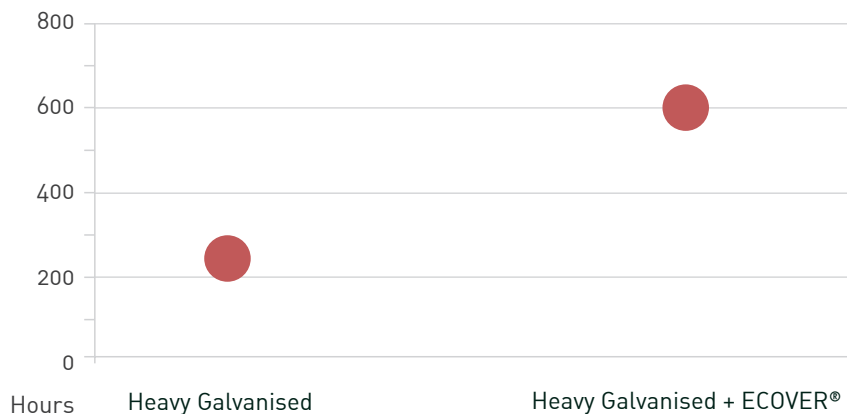
Heavy Galvanised  
(Between 200 and 300 g/sqm Zinc)



## Oxidation in salt fog chamber

According to specification ISO 9227

Beginning of the red rusting over: Heavy Galvanised wire and Heavy Galvanised Wire + Ecover®

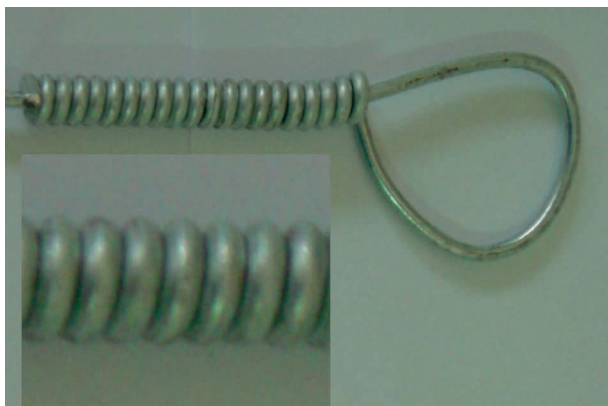




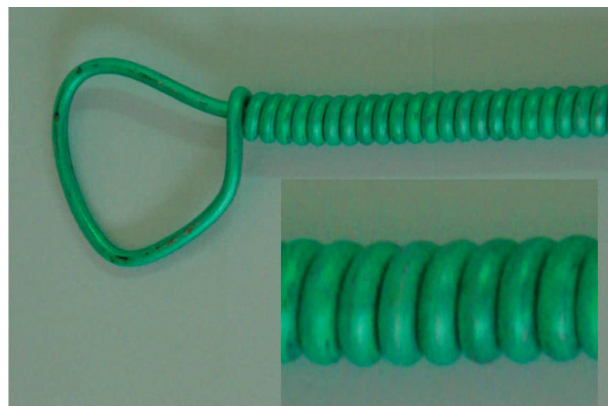
## Adhesion test

According to specification EN 10244-2

According to the test the covering remains adhered to the steel without cracks




Heavy galvanized



Heavy galvanized + ECOVER®



Kind of atmospheres/EN 12.944-2	Corrosivity	Zn Mass loss (g/m <sup>2</sup> ), after one year of exposure	Heavy galvanized + ECOVER®
C1	Very low	<0.7 g/m <sup>2</sup>	 <b>TRIPLE RESISTANCE TO THE CORROSION</b>
C2	Low	0.7 ÷ 5.0 g/m <sup>2</sup>	
C3	Medium	5.0 ÷ 15.0 g/m <sup>2</sup>	
C4	High	15.0 ÷ 30.0 g/m <sup>2</sup>	
C5	Very high	30.0 ÷ 60.0 g/m <sup>2</sup>	



## Our Warranty is based on objective criteria



The unique MRT® anticorrosion warranty certifies the resistance to corrosion of the ECOVER® coating, further enhancing this superior range of fencing products.

Rigorous testing and regular machine maintenance enables the generous warranties to be issued with confidence, so that dealers and their customers will be delighted with their choice of product.



## Related products



**HJ MRT® FIELD  
FENCE**



**FK MRT® FIXED  
KNOT**



**DOUBLE BARBED  
STAPLES**



**WIRE INDUSTRY &  
TRANSFORMATION**



**BARBED WIRE**



**WIRE**



**HIGH TENSILE  
CHAINLINK**



## CONTACT US



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