



ArcelorMittal

# EstateWIRE<sup>®</sup>

## FX and FL fixed knot fencing



MADE IN SHEFFIELD

# Standing the test of time

## EstateWIRE®

ArcelorMittal Sheffield Ltd is the UK based manufacturer of EstateWIRE, a leading brand in agricultural and industrial fencing.

Our experience of working with farmers, land owners, estate managers and fencing contractors, coupled with the expertise and support of our ArcelorMittal group research and technical support teams, has helped us to develop exceptionally high performing stock fencing.

EstateWIRE products are well established fencing products, proven to stand the test of time, year after year, in the harshest and most aggressive environments.

EstateWIRE fencing sets itself apart from other fencing with its famous longer life technology coating, Crapal'2.

Crapal'2 coating provides an exceptional level of protection against corrosion, ensuring excellent product longevity and value for money.



### The manufacturer of choice

We value the investment our customers make in our products and we strive to remain our customers' preferred manufacturer.

Our long experience and thorough knowledge of wire technologies, fencing products and markets, enable us to satisfy the most specialised requirements.

Our proactive and dedicated sales team ensure a close and efficient relationship is maintained with every customer.



# Excellence to the core

## Long-life technology

Manufactured in Sheffield, in the United Kingdom, for more than 35 years, EstateWIRE fencing has provided farmers, land owners, estate managers and fencing contractors with long-term peace of mind.

Designed and made to withstand the effects of extreme weather conditions, including coastal and highland locations, our advanced galvanised coatings offer outstanding life span guarantees, all the way to the core of our fencing products.

### Crapal'2 coated wire

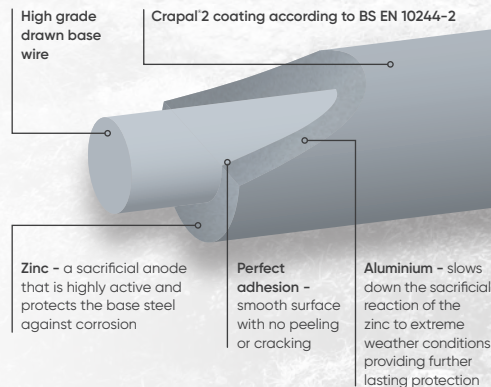
Our Crapal'2 coated wire is designed to resist corrosion for at least twice as long as BS EN 10244-2 Class A Zinc galvanised wire.

### How our protective coating works

Crapal'2 uses an alloy of zinc and aluminium. Zinc gives an active, sacrificial and traditional anti-corrosive coating, while aluminium provides passive protection by slowing down the sacrificial reaction of the zinc coating and increasing the effective life span of the coating.

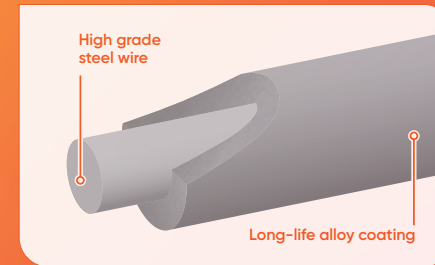
### Crapal'2 coating delivers:

- A long-lasting smooth surface
- Perfect adhesion to the base wire
- No peeling or cracking
- Remarkable concentricity of the coating
- Extended lifetime with obvious economic advantage
- Products in perfect harmony with the environment.

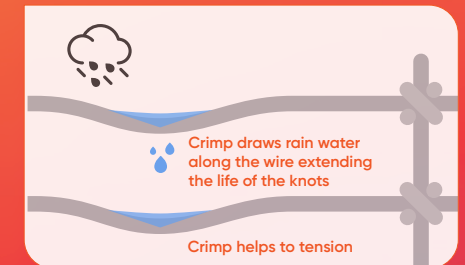


# Stock fencing features

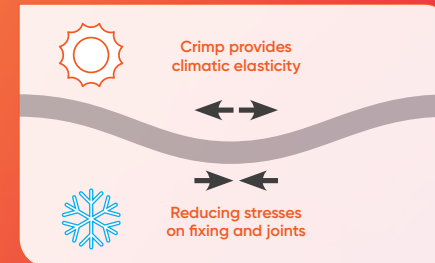
## Double protection



## Self draining



## Thermal shock proof



## Centreless roll



## High tensile stock fencing



### APPLICATIONS » AGRICULTURE

#### Product description

EstateWIRE FX combines Crapal<sup>®</sup>2 anti-corrosive technology with the rigid, strength forming advantages of the FX knot to deliver a stronger, longer lasting fence.

- › Animal hide, skin and coat friendly reducing the risk of injury to livestock and people.
- › Stronger than traditional hinge joint fence.
- › Better vertical rigidity due to solid vertical wires.
- › More horizontal rigidity, enabling an easier, more professional installation.
- › Faster and easier to install.
- › Manufactured to BS EN 10223-5.
- › Galvanised to BS EN 10244-2.



2 times longer service life than  
BS EN 10244-2 Class A Zinc galvanised wire

#### Mesh

- › Top & bottom wires Ø 2.50mm  
Min 1235 N/mm<sup>2</sup>
- › Horizontal wires Ø 2.50mm  
Min 1235 N/mm<sup>2</sup>
- › Vertical wires Ø 2.50mm  
Min 600 N/mm<sup>2</sup>

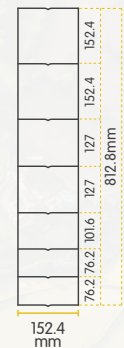
#### Characteristics

Designation	Height	Stay wire spacing	Length	Nominal weight	Perfect for
	mm	mm	m	kg	
FX 8/80/15	812.8	152.4	100	59	
FX 8/90/15	914.4	152.4	100	60	
FX 8/100/22	1016	228.6	100	52	
FX 10/100/15	1016	152.4	100	72	
FX 10/120/15	1168.4	152.4	100	77	
FX 12/110/7.5	1117.6	76.2	50/100	61/123	
FX 13/120/7.5	1219.2	76.2	50/100	67/135	
FX 13/190/15	1905	152.4	50/100	54/109	
FX 15/158/7.5	1600.2	76.2	50/100	82/164	

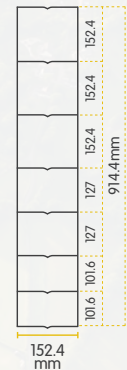
Other patterns, sizes and lengths can be made on request.

#### FX 10/120/15

#### FX 8/80/15



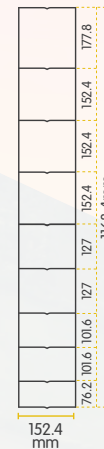
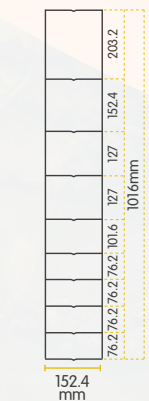
#### FX 8/90/15



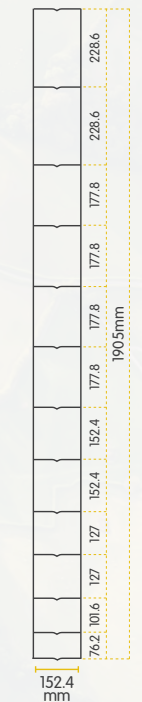
#### FX 8/100/22



#### FX 10/100/15



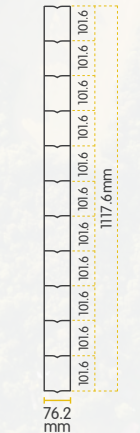
#### FX 13/190/15



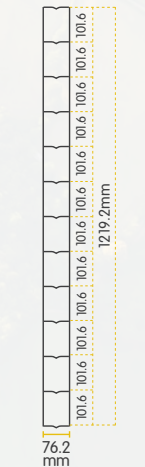
#### FX 15/158/7.5



#### FX 12/110/7.5



#### FX 13/120/7.5



# High tensile stock fencing

APPLICATIONS » AGRICULTURE

## Product description

EstateWIRE FX Light combines Crapal<sup>®</sup>2 anti-corrosion technology with the rigid, strength forming advantages of the FX knot to deliver a stronger, longer lasting fence.





- › Stronger than traditional hinge joint fence, but a lighter, more economical variation of the standard FX product.
- › Animal hide, skin and coat friendly reducing the risk of injury to livestock and people.
- › Better vertical rigidity due to solid vertical wires.
- › More horizontal rigidity, enabling an easier, more professional installation.
- › Faster and easier to install.
- › Manufactured to BS EN 10223-5.
- › Galvanised to BS EN 10244-2.



## Mesh

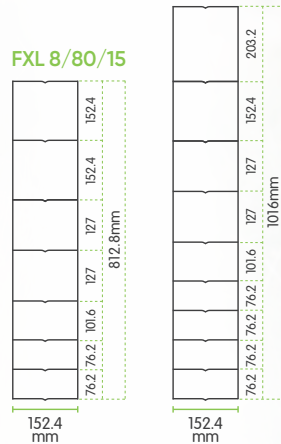
- › Top & bottom wires Ø 2.50mm  
Min 1235 N/mm<sup>2</sup>
- › Horizontal wires Ø 2.00mm  
Min 1100 N/mm<sup>2</sup>
- › Vertical wires Ø 2.00mm  
Min 695 N/mm<sup>2</sup>

## Characteristics

Designation	Height	Stay wire spacing	Length	Nominal weight	Perfect for
	mm	mm	m	kg	
FXL 8/80/15	812.8	152.4	100	40	 
FXL 10/100/15	1016	152.4	100	50	 

Other patterns, sizes and lengths can be made on request.

FXL 10/100/15



# High tensile stock fencing

APPLICATIONS » AGRICULTURE

## Product description

EstateWIRE FL combines Crapal<sup>®</sup> 2 anti-corrosion technology with a mesh design that is manufactured using continuous horizontal and vertical wires. The horizontal and vertical wires are held together at their cross over point by individual anti-slip Fixed Lock knots.

EstateWIRE FL is the strongest specification of fencing we offer, and mainly finds its application in bespoke projects where a very specific product is required.

- › Excellent impact resistance.
- › Strong and durable.
- › Faster and easier to install.
- › Manufactured to BS EN10223-5.
- › Galvanised to BS EN10244-2.
- › Guaranteed to last at least twice as long as zinc only galvanised products to BS EN10244-2 Class A.
- › Minimum mesh height spacings of 76.2mm, possible to increase in 12.7mm increments up to a maximum of 17 wires and 3.0m high.



2 times longer service life than  
BS EN 10244-2 Class A Zinc galvanised wire

## Mesh

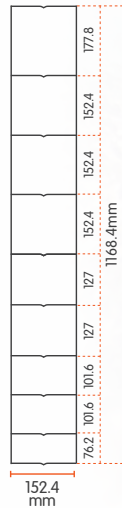
- › Top & bottom wires Ø 2.50mm  
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- › Horizontal wires Ø 2.50mm  
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- › Vertical wires Ø 2.50mm  
Min 695 N/mm<sup>2</sup>

## Characteristics

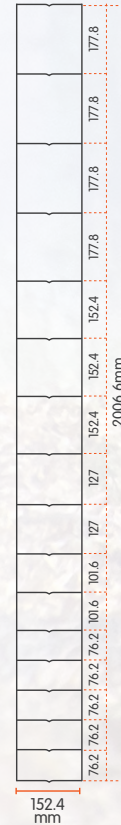
Designation	Height	Stay wire spacing	Length	Nominal weight	Perfect for
	mm	mm	m	kg	
FL 10/120/15	1168.4	152.4	100	96	
FL 17/200/15	2006.6	152.4	100	162	

Other patterns, sizes and lengths can be made on request.

FL 10/120/15



FL 17/200/15



Available as standard stocked product



Contact our sales team to discuss your product specification requirements.



\*typical product life span in rural environment

Talk to a technical expert today and get the right advice for your fencing project.

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